



**FULLY EXECUTED**

Contract Number: 4400010332

Original Contract Effective Date: 09/18/2012

Valid From: 09/01/2012 To: 11/30/2017

All using Agencies of the Commonwealth, Participating Political Subdivision, Authorities, Private Colleges and Universities

**Purchasing Agent**

Name: Millovich Joseph

Phone: 717-214-3434

Fax: 717-783-6241

Your SAP Vendor Number with us: 119888

**Supplier Name/Address:**

EASTERN TELEPHONE & TELECOMMUNICATIONS INC

2360 AVENUE A

BETHLEHEM PA 18017-2110 US

**Please Deliver To:**

To be determined at the time of the Purchase Order unless specified below.

Supplier Phone Number: 6108677800

Supplier Fax Number: 610-867-5800

**Contract Name:**

PBX & Key Telephone Systems - ET&T

**Payment Terms**

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	PBX Telephone System	0.000		0.00	1	0.00
2	Key Telephone System	0.000		0.00	1	0.00
3	Move - Add - Change	0.000		0.00	1	0.00
4	Installation	0.000		0.00	1	0.00
5	Cabling	0.000		0.00	1	0.00
6	Training	0.000		0.00	1	0.00

**Information:**

Supplier's Signature \_\_\_\_\_

Title \_\_\_\_\_

Printed Name \_\_\_\_\_

Date \_\_\_\_\_



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TELECOMMUNICATIONS INC

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
7	Maintenance	0.000		0.00	1	0.00
<hr/>						
8	Miscellaneous	0.000		0.00	1	0.00
<hr/>						

**General Requirements for all Items:**

**Header Text**

When the need for a telephone system, equipment or other related services arises, the using agency must contact the Contractors and request a quote. It will be the responsibility of the using agency to determine the Contractor who provides the best value.

All orders must be placed through the Commonwealth's Enterprise Services Management System (ESMS). All orders must be authorized by the using agency Telecommunications Management Officer (TMO) or designee.

March 19, 2015 - Contract terms and conditions were amended to include leasing. See the revised terms and conditions and the signed contract amendment for leasing details.

No further information for this Contract

**Information:**

STATE OF MANUFACTURE CHART

THIS FORM MUST BE COMPLETED AND RETURNED WITH THE BID

The Reciprocal Limitations Act 146 requires the Department to give Pennsylvania resident bidders a preference against a non-resident bidder from any state that gives or requires a preference to bidders from that state. The amount of preference shall be equal to the amount of preference applied by the state of the non-resident bidder. More information on this Act, or how to claim preference, can be obtained at our internet site at [www.dgs.state.pa.us](http://www.dgs.state.pa.us), by faxing a request to 717 787 -0725, or by calling Vendor Services at 717 787-2199 or 4705.

All bidders must complete the following chart by listing the name of the manufacturer and the state (or foreign country) of manufacture for each item. If the item is domestically produced, the bidder must indicate the state in the United States where the item will be manufactured. **This chart must be completed and submitted with the bid or no later than two (2) business days after notification from the Department of General Services to furnish the information.** Failure to complete this chart **and provide the required information prior to the expiration of the second business day after notification shall** result in the rejection of the bid.

<u>ITEM NUMBER</u>	<u>NAME OF MANUFACTURER</u>	<u>STATE (OR FOREIGN COUNTRY) OF MANUFACTURE</u>
All Items	Mitel	Arizona
All Items	Samsung	Texas

BIDDER'S RESIDENCY

A. In determining whether the bidder is a nonresident bidder from a state that gives or requires a preference to bidders from that state, the address given on the first page of this invitation for bid shall be used by the Department of General Services. If that address is incorrect, or if no address is given, the correct address should be provided in the space below:

Correct Address:

**Eastern Telephone & Telecommunications, Inc.**

**2360 Avenue A**

**Bethlehem, PA 18017**

# Zones

The Bidder must indicate, by checking the appropriate box, the zone(s) where it intends to provide telephone systems, equipment and other related services. The Bidder must indicate the manufacturer of the telephone system(s) being offered.

Zones	Manufacturer(s)
<input type="checkbox"/> <b>Zone 1 – Western Pennsylvania – includes the following counties:</b> Erie, Crawford, Mercer, Lawrence, Beaver, Washington, Greene, Fayette, Westmoreland, Allegheny, Butler, Venango, Warren, McKean, Forest, Elk, Clarion, Jefferson, Armstrong, Indiana, Clearfield, Cambria, Somerset.	
<input checked="" type="checkbox"/> <b>Zone 2 – Central Pennsylvania – includes the following counties:</b> Potter, Cameron, Clinton, Centre, Blair, Bedford, Fulton, Huntingdon, Tioga, Lycoming, Union, Snyder, Mifflin, Juniata, Perry, Cumberland, Franklin, Adams, York, Lancaster, Lebanon, Dauphin, Northumberland, Montour, Columbia, Schuylkill, Luzerne, Wyoming, Sullivan, Lackawanna, Bradford, Susquehanna.	ET&T, Mitel, Samsung
<input checked="" type="checkbox"/> <b>Zone 3 – Eastern Pennsylvania – includes the following counties:</b> Wayne, Pike, Monroe, Carbon, Northampton, Lehigh, Berks, Bucks, Montgomery, Chester, Delaware, Philadelphia	ET&T, Mitel, Samsung

# Labor, Location Assessment and Service Visit Costs

The Bidder must indicate the costs for labor, location assessments and service visits.

<b>Labor</b>	
Weekday Hourly Rate	\$88.00
Weekend/Holiday Hourly Rate	\$176.00
*Overtime Hourly Rate	\$132.00

\*Applies only if a technician exceeds eight (8) continuous work hours within a twenty-four (24) hour period.

<b>Location Assessments &amp; Visitation</b>	
Location Assessment Cost	\$185.00
Service Visit Cost	\$70.00

# Small Key Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost
This ET&T system and components will satisfy the needs of most small organizations with limited requirements. The Medium System Configuration Tab is duplicated below.				
<b>MITEL 3000 COMMUNICATIONS SYSTEM (CS)</b>				
Description			Part Number	
Mitel 3000 Base Syst Pkg (2x8 w/ two 8-button duplex phones)	Base System		50006071	\$ 895.00
Mitel 3000 IP Package (1BBM and 1 Model 5330 IP Phone)	Expansion Configuration		50006082	\$ 1,200.00
Mitel 3000 Base Unit (0x8)	Additional Component		51012938	\$ 895.00
Mitel 3000 Broadband Module (BBM)	Additional Component		51012941	\$ 951.00
Mitel 3000 Promo Sys Pkg (4X16 w/ two 8 button duplex phones)	Base System		52002272	\$ 2,295.00
Mitel 3000 Ports Expansion Module (0x8)	Expansion Configuration		LR5801.06200	\$ 450.00
Mitel 3000 Two Port CO Line Module	Expansion Configuration		LR5811.06200	\$ 195.00
Expansion Backplane	Expansion Configuration		LR5817.06200	\$ 40.00
Mitel 5601DECT Phone	Additional Component		LR5925.06200	\$ 100.00
<b>MITEL 3000 VOICE MESSAGING OPTIONS</b>				
Description			Part Number	
Mitel 3000 2-Port Voice Messaging Module	Additional Component		LR5807.06200	\$ 595.00
Mitel 3000 4-Port Voice Messaging Module	Additional Component		LR5807.06210	\$ 995.00
Mitel 3000 8-Port Voice Messaging Module	Additional Component		LR5807.06220	\$ 1,495.00
<b>MITEL 3000 TELEPHONE OPTIONS</b>				
Description			Part Number	
4 License UC Pack	Additional Component		51013044	\$ 299.00
8 License UC Pack	Additional Component		51013045	\$ 399.00
12 License UC Pack	Additional Component		51013046	\$ 499.00
Mitel 4120 (ECS2)	Additional Component		51013710	\$ 210.00
3000 16-Button Full Duplex Sys Phone (Charcoal) Model 4120	Additional Component		52002371	\$ 250.00
Battery backup Controller excl batteries	Additional Component		LR5810.06200	\$ 195.00
3000 8-Button Full Duplex System Phone (Charcoal) Model 4110	Additional Component		LR5829.06200	\$ 161.00
MITEL 4100 DSS CONSOLE	Additional Component		LR5836.06200	\$ 215.00
DOORPHONE	Additional Component		LR5887.06200	\$ 85.00
Mitel 1000 Base Unit	Additional Component		LR5923.06200	\$ 680.00
<b>MITEL 3000 OPTIONAL/REPLACEMENT PARTS</b>				
Description			Part Number	
MIT 3000 BBU/W BATTERY	Additional Component		50006083	\$ 195.00
3000 Handset - Volume Control for Noisy Environment	Additional Component		51013512	\$ 34.00
PSU for 16-Btn Digital Phone/DSS, CALA	Additional Component		51013711	\$ 40.00
MT 3000 SYSTEM CD-ROM	Additional Component		618.5037	\$ 15.00
MT 3000 POWER SUPPLY UNIT	Additional Component		618.5049	\$ 25.00
MT 3000 8&16 BTN PHN RPLCMNT STAND	Additional Component		618.5051	\$ 7.50

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Item Description	Item Type	Manufacturer	Model	Cost
MT 3000 3FT CABLE ASSEMBLY	Additional Component		618.5073	\$ 40.00
MT 3000 6FT CABLE ASSEMBLY	Additional Component		618.5076	\$ 45.00
MT 3000 3FT CABLE ASSY W/O HOOD	Additional Component		618.5077	\$ 21.00
MT 3000 6FT CABLE ASSY W/O HOOD	Additional Component		618.5078	\$ 24.00
T1/PRI module	Additional Component		LR5809.06200	\$ 1,495.00
HANDSET HOOK HANGER,8&16 BTNS (5 PK	Additional Component		LR5812.06200	\$ 1.50
REPLACEMENT POWER SUPPLY	Additional Component		LR5838.06200	\$ 225.00
SPARE PROGRAMMING CABLE (V.24)	Additional Component		LR5853.06200	\$ 21.00
REPLACEMENT HANDSET (CHARCOAL)	Additional Component		LR5930.06200	\$ 35.00
Music On Hold Connection	Additional Component		LR5950.06200	\$ 45.00
Professional Services - Implementation				
CUSTOM APPLICATIONS DEVELOPMENT	Additional Component	ET&T	E53000241T	\$ 233.00
CUSTOM APPLICATIONS INTEGRATION &TESTING	Additional Component	ET&T	E53000242T	\$ 233.00
CUSTOM APPLICATIONS TRAINING	Additional Component	ET&T	E53000243T	\$ 233.00
CUSTOM APPLICATIONS DOCUMENTATION	Additional Component	ET&T	E53000244T	\$ 233.00
IMPLEMENTATION & INTEGRATION	Additional Component	ET&T	E53000245T	\$ 210.00
TRAINING	Additional Component	ET&T	E53000246T	\$ 167.00
CUSTOM SERVICES	Additional Component	ET&T	E53000247T	\$ 1.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	E53000237T	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	E53000340T	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	E53000341T	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	E53000345T	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	E51301175T	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003165T	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003170T	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	E53003175T	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	E53003190T	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	E53003308T	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	E53000342T	\$ 1.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00

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Item Description	Item Type	Manufacturer	Model	Cost
*** The Mitel 5000 System on the Medium Key System Tab will also work well for this tab - Small Key Systems. Our Medium Key System Solution is Duplicated below for small key systems ***				
Mitel 5000 IP Base Kit HX	Base System	Mitel	52002686	\$ 2,795.00
1 x 580.1003 MT5000 HX Controller Chassis Only				
1 x 580.3000 MT5000 HX Processor Mdl (HPM)				
16 x 840.0416 MT5000 Lic IP Phone Category D				
1 x 840.0844 MT5000 Lic Dyn Ext Expr SYSTEM				
1 x 50006271 PWR CRD C13 10A 125V - NA PLUG				
1 x 580.9126 MT5000 HX Ctrl Pwr Sup 120W 24VDC 5A				
4 x 840.0411 LICENSE INTL5000 BVM SINGLE PT				
1 x 999.9000 999.9000				
1 x 54005357 MT5000 Lic UVM E-mail Synchronization				
1 x 54005359 MT5000 Lic Meet-Me Conf				
1 x 54005399 MT5000 Lic Hot Desking System-Wide				
Mitel 5000 Digital Base Kit HX	Base System	Mitel	52002685	\$ 2,795.00
1 x 580.1003 MT5000 HX Controller Chassis Only				
1 x 580.3000 MT5000 HX Processor Mdl (HPM)				
1 x 580.2202 MT5000 DDM-16b CCA for HX (no cbl)				
48 x 840.0417 MT5000 Lic Digital Phone Category E				
1 x 840.0844 MT5000 Lic Dyn Ext Expr SYSTEM				
1 x 50006271 PWR CRD C13 10A 125V - NA PLUG				
1 x 580.9126 MT5000 HX Ctrl Pwr Sup 120W 24VDC 5A				
4 x 840.0411 LICENSE INTL5000 BVM SINGLE PT				
1 x 54005357 MT5000 Lic UVM E-mail Synchronization				
1 x 54005359 MT5000 Lic Meet-Me Conf				
1 x 54005399 MT5000 Lic Hot Desking System-Wide				
1 x 50006552 MT5000 CBL DDM-16 3M TO AMP 50P 3METR				
Mitel 5000 Common Equipment				
2GB Compact Flash Mitel 5000 NA	Expansion Configuration	Mitel	50006500	\$ 120.00
Kit Wall Mount brkt HX Ctrl, PS & 2 DEI	Additional Component	Mitel	50006504	\$ 250.00
PCBA DDM-16 CARD WITH CABLE	Expansion Configuration	Mitel	52002624	\$ 1,000.00
Mitel 5000 PS-1 w/lic key (NA)	Expansion Configuration	Mitel	52002652	\$ 6,000.00
MT5000 Lic Remote ACD	Additional Component	Mitel	840.0233	\$ 280.00
MT5000 Lic IP Gateway Trunk	Additional Component	Mitel	840.0234	\$ 125.00
MT5000 Lic Desktop Interface	Additional Component	Mitel	840.0319	\$ 280.00
MT5000 Lic System OAI Events	Additional Component	Mitel	840.0320	\$ 420.00
MT5000 Lic System OAI 3rd Pty Call Ctrl	Additional Component	Mitel	840.0321	\$ 420.00
MT5000 Lic IP Phones Enable System	Additional Component	Mitel	840.0408	\$ 1,400.00



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Item Description	Item Type	Manufacturer	Model	Cost
MT5000 Lic Digital Phone Category E	Additional Component	Mitel	840.0417	\$ 70.00
MT5000 Lic IP Phone Category F	Additional Component	Mitel	840.0418	\$ 100.00
MT5000 Lic Enable 2nd port on T1M-2	Additional Component	Mitel	840.0759	\$ 1,000.00
MT5000 Lic File Based Music Source	Additional Component	Mitel	840.0819	\$ 150.00
MT5000 Lic SIP Trunk	Additional Component	Mitel	840.0833	\$ 125.00
Mitel 5000 Communications Platform - Voicemail, Enterprise Messaging				
MT5000 Lic UVM BES Synchronization	Additional Component	Mitel	54005358	\$ 500.00
MT5000 Lic UVM 4 ports	Additional Component	Mitel	840.0460	\$ 1,000.00
KIT MULTI-APP CT GATEWAY V4.1	Additional Component	Mitel	828.1514	\$ 1,500.00
Desktop Devices - IP Phones and Accessories				
5310 IP BRDM CONF OPT MOUSE DK	Additional Component	Mitel	50001543	\$ 125.00
5448 PKM FRU (48 Key) Dark Gray	Additional Component	Mitel	50002824	\$ 390.00
Mitel Line Interface Module (NA	Additional Component	Mitel	50004197	\$ 169.00
IP Conference Saucer - Dark Grey	Additional Component	Mitel	50004459	\$ 500.00
5340 IP PHONE	Additional Component	Mitel	50005071	\$ 470.00
24VDC IP PWR ADPT 100-240V 50-60HZ(	Additional Component	Mitel	50005300	\$ 40.00
5310 IP CONFERENCE MODULE (5300 SER	Additional Component	Mitel	50005321	\$ 150.00
Cordless Handset w/Charging Plate (NA)	Additional Component	Mitel	50005405	\$ 215.00
Cordless Headset w/ Charging Cradle (NA)	Additional Component	Mitel	50005522	\$ 360.00
5302/5304 Wall Mount Kit(16 Pack)	Additional Component	Mitel	50005663	\$ 100.00
5324 IP Phone	Additional Component	Mitel	50005664	\$ 255.00
CORDLESS HANDSET WITH MODULE NA	Additional Component	Mitel	50005711	\$ 325.00
Cordless Headset & Module Bundle NA DECT	Additional Component	Mitel	50005712	\$ 470.00
5330 IP Phone (Backlit)	Additional Component	Mitel	50005804	\$ 370.00
5312 IP Phone	Additional Component	Mitel	50005847	\$ 210.00
PKM KIT - 12 KEY (for 85xx/53xx Phones)	Additional Component	Mitel	50005914	\$ 250.00
PKM KIT - 48 KEY (for 85xx/53xx Phones)	Additional Component	Mitel	50005915	\$ 430.00
5360 IP Phone	Additional Component	Mitel	50005991	\$ 595.00
5320 IP Phone	Additional Component	Mitel	50006191	\$ 250.00
Bluetooth Module (for BT Hndset/Headset)	Additional Component	Mitel	50006402	\$ 185.00
Bluetooth Handset/Module Bundle	Additional Component	Mitel	50006441	\$ 280.00
5320E IP PHONE	Additional Component	Mitel	50006474	\$ 315.00
5330E IP PHONE	Additional Component	Mitel	50006476	\$ 435.00
5340E IP PHONE	Additional Component	Mitel	50006478	\$ 535.00
PWR CRD C7 2.5A 125V-NA PLUG	Additional Component	Mitel	51005172	\$ 5.00
5304 IP Phone	Additional Component	Mitel	51011571	\$ 165.00
48VDC ETHNT PWR ADPT 100-240V 802.3af	Additional Component	Mitel	51015131	\$ 40.00
5360 Phone + Bluetooth Bundle	Additional Component	Mitel	52002756	\$ 735.00

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Item Description	Item Type	Manufacturer	Model	Cost
Desktop Devices - Mitel 5000 CP/Axxess Phones, Accessories				
8528 Telephone (NA)	Additional Component	Mitel	50006122	\$ 225.00
8568 Telephone (NA)	Additional Component	Mitel	50006123	\$ 295.00
ATTENDANT CONSOLE V3.2 MULTI-NODE	Additional Component	Mitel	550.5310	\$ 2,500.00
ATTENDANT CONSOLE V3.2 SINGLE NODE	Additional Component	Mitel	550.5312	\$ 1,500.00
KIT SGL-APP CT GATEWAY V4.1	Additional Component	Mitel	828.1523	\$ 200.00
Wireless - IP DECT				
IP DECT Stand+Handset NA	Additional Component	Mitel	51015276	\$ 495.00
IP DECT Repeater NA	Additional Component	Mitel	51015284	\$ 325.00
IP DECT Stand NA, FRU	Additional Component	Mitel	51015389	\$ 350.00
5610 Handset Charging Cradle, FRU	Additional Component	Mitel	51015402	\$ 30.00
5610 Handset Battery Pack, FRU	Additional Component	Mitel	51015404	\$ 40.00
IP DECT Repeater Power Adapter NA FRU	Additional Component	Mitel	51015616	\$ 30.00
IP DECT Stand Power Supply Universal FRU	Additional Component	Mitel	51300948	\$ 30.00
5610 Handset Chging Crdle P/S Univ. FRU	Additional Component	Mitel	51300949	\$ 30.00
5610 IP DECT Handset NA	Additional Component	Mitel	51301100	\$ 250.00
Unified Communications				
UC Express 1 Softphone License	Additional Feature	Mitel	54004264	\$ 60.00
UC Advanced 1 Deskphone License	Additional Feature	Mitel	54004266	\$ 99.00
UC Advanced 1 Softphone License	Additional Feature	Mitel	54004268	\$ 75.00
UC ADVANCE DESKPHONE & SOFTPHONE LI	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
UCA Web/Mobile Portal-1 User	Additional Feature	Mitel	54005163	\$ 50.00
UCA Advanced Server Peering License	Additional Feature	Mitel	54005380	\$ 2,000.00
UCA Advanced Server Federation License	Additional Feature	Mitel	54005381	\$ 2,500.00
HD Codec & Web Collab License	Additional Feature	Mitel	54005477	\$ 500.00
UC Adv Mobile for Smart Devices 1 Lic	Additional Feature	Mitel	54005598	\$ 59.00
UC Adv Std-alone client Smart Device 1 L	Additional Feature	Mitel	54005601	\$ 59.00
NuPoint Unified Messaging				
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP misc apps: NP forms, NP on demand#	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP Fax Enable on one port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NuPoint Text-to-speech port	Additional Feature	Mitel	54002692	\$ 1,200.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NP-SAA. Corporate directory, 1 name.	Additional Feature	Mitel	54004054	\$ 15.00

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Item Description	Item Type	Manufacturer	Model	Cost
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Speech to text enablement	Additional Feature	Mitel	54005322	\$ -
Mitel Applications Suite		Mitel		
MAS 4.0 Server Appliance 5000 NA	Additional Component	Mitel	52002723	\$ 3,495.00
Rack mounted Dell R210 with 8GB RAM				
pre-installed with MSL software and MAS				
apps (NuPoint, AWC, UC Advanced),				
Mitel 5000 SIP Peering Licenses (6)				
Mitel Collab Adv Aud Only 5K (1USR)	Additional Feature	Mitel	54003981	\$ 400.00
Mitel Collab Adv Aud/Web 5K (1USR)	Additional Feature	Mitel	54003984	\$ 500.00
SIP Peering VM Port for NPM(840.0825)	Additional Feature	Mitel	54004028	\$ -
MAS Nupoint Advanced UM 1 User	Additional Feature	Mitel	54004222	\$ 60.00
Mitel Collab Adv Web Only UP(1 USER)	Additional Feature	Mitel	54004621	\$ 400.00
MAS NPUM M'Box & Calldir5K(1user)	Additional Feature	Mitel	54004767	\$ 40.00
1 x 54001875 (EAMC) NPM IP - CALL DIR ADD USER (320)				
1 x 54004053 Nupoint Voice Mail Box (1 User)				
MAS NPM Misc App Port	Additional Feature	Mitel	54004961	\$ 400.00
HD Codec Upgrade License	Additional Feature	Mitel	54005475	\$ 300.00
Software Assurance and Support				
STD SWAS UCA DESKPHONE	Additional Feature	Mitel	54005201	\$ 11.00
STD SWAS UCA SOFTPHONE	Additional Feature	Mitel	54005202	\$ 8.00
STD SWAS NPM SPEECH PORT	Additional Feature	Mitel	54005209	\$ 110.00
STD SWAS MAS BASE	Additional Feature	Mitel	54005222	\$ 100.00
STD SWAS MAS NPM MAILBOX	Additional Feature	Mitel	54005223	\$ 3.50
STD SWAS MAS AWC AUDIO PORT	Additional Feature	Mitel	54005229	\$ 33.00
STD SWAS MAS AWC WEB PORT	Additional Feature	Mitel	54005230	\$ 17.00
STD SWAS 5000 CP BASE	Additional Feature	Mitel	54005233	\$ 400.00
STD SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005343	\$ 5.00
OEM - CommSource, DataNet Equipment				
MOD 8POS T-1 SURGE S2 VRMS CLAMP SC	Additional Component	Mitel	900.0507	\$ 60.00
PROTECTOR/TELCO 8 PAIR DTK-8P	Additional Component	Mitel	900.0525	\$ 113.00
8 OUTLET STRIP 6' CORD 1RJ11 IN 2	Additional Component	Mitel	901.0528	\$ 28.00
RACK SHELF 15" DEEP SNGL VNTD 3RMS	Additional Component	Mitel	901.2219	\$ 48.19
4 CHANNEL ANALOG(FXO) MG	Additional Component	Mitel	901.3924	\$ 412.00
SIP GATEWAY AFT400 4PT FXO	Additional Component	Mitel	901.5180	\$ 680.00
WALL MOUNT CPU SHELF, BLK.	Additional Component	Mitel	901.6683	\$ 61.00
XTRA-CPCTY FLSH-MNTD WALL BRCKT 19	Additional Component	Mitel	903.6602	\$ 137.00

# Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Professional Services - Implementation				
CUSTOM APPLICATIONS DEVELOPMENT	Additional Component	ET&T	53000241	\$ 233.00
CUSTOM APPLICATIONS INTEGRATION & TESTING	Additional Component	ET&T	53000242	\$ 233.00
CUSTOM APPLICATIONS TRAINING	Additional Component	ET&T	53000243	\$ 233.00
CUSTOM APPLICATIONS DOCUMENTATION	Additional Component	ET&T	53000244	\$ 233.00
IMPLEMENTATION & INTEGRATION	Additional Component	ET&T	53000245	\$ 210.00
TRAINING	Additional Component	ET&T	53000246	\$ 167.00
CUSTOM SERVICES	Additional Component	ET&T	53000247	\$ 1.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	53000237	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	53000340	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	53000341	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	53000345	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	51301175	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	53003165	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	53003170	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	53003175	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	53003190	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	53003308	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	53000342	\$ 1.00
Extended Warranty				
EXT WAR 5340 IP PHONE	Additional Feature	Mitel	50005071EW60	\$ 34.00
EXT WAR 5324 IP PHONE	Additional Feature	Mitel	50005664EW60	\$ 18.00
EXT WAR 5330 IP Phone (Backlit)	Additional Feature	Mitel	50005804EW60	\$ 27.00
EXT WAR 5312 IP PHONE	Additional Feature	Mitel	50005847EW60	\$ 15.00
EXT WAR 5360 IP PHONE	Additional Feature	Mitel	50005991EW60	\$ 43.00
EXT WAR 8528 Telephone (NA)	Additional Feature	Mitel	50006122EW60	\$ 17.00
EXT WAR 8568 Telephone (NA)	Additional Feature	Mitel	50006123EW60	\$ 24.00
EXT WAR 5320 IP Phone	Additional Feature	Mitel	50006191EW60	\$ 18.00
EXT WAR 5320E IP Phone	Additional Feature	Mitel	50006474EW60	\$ 23.00
EXT WAR 5330E IP Phone	Additional Feature	Mitel	50006476EW60	\$ 31.00
EXT WAR 5340E IP Phone	Additional Feature	Mitel	50006478EW60	\$ 38.00
EXT WAR 5304 IP Phone	Additional Feature	Mitel	51011571EW60	\$ 12.00
EXT WAR TEN ASSEMBLY HX CONTROLLER	Additional Feature	Mitel	580.1003EW60	\$ 48.00
EXT WAR INTER-TEL EXPANSION CARD	Additional Feature	Mitel	580.2020EW60	\$ 58.00
EXT WAR SLM CS-5200	Additional Feature	Mitel	580.2100EW60	\$ 22.00

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Item Description	Item Type	Manufacturer	Model	Cost
EXT WAR QUAD LOOPSTART TRNK MD LSM4	Additional Feature	Mitel	580.2304EW60	\$ 20.00
EXT WAR PCBA DUAL T1/E1/PRI	Additional Feature	Mitel	580.2702EW60	\$ 48.00
EXT WAR MT5000 HX Processor Mdl (HPM)	Additional Feature	Mitel	580.3000EW60	\$ 48.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00
VARIOUS ITEMS ASSOCIATED WITH INSTALLING VOICE AND DATA NETWORKING EQUIPMENT:				
ET&T COMPETITIVE DISCOUNT	Additional Component	Various Manufacturers	ETT DISC	\$ (1.00)
CREDIT FOR CABLE REUSE	Additional Component	Various Manufacturers	CABLE CREDIT	\$ (20.00)
CAT5E CABLED VOICE OR DATA OUTLET UP TO 295 FEET	Additional Component	Various Manufacturers	94ETNCAT5E	\$ 289.00
MISCELLANEOUS HARDWARE	Additional Component	Various Manufacturers	65HDNMISCHD	\$ 1.00
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
6-OUTLET FACEPLATE FOR HUBBELL ELECTRIC IVORY	Additional Component	Various Manufacturers	60HBN78IP6	\$ 2.21
SURFACE MOUNTS DUPLEX	Additional Component	Various Manufacturers	60HBN8602I	\$ 6.49
SURFACE BOX 2/PORT	Additional Component	Various Manufacturers	60HBN8602TI	\$ 6.72
SURFACE HSING 2/PORT V&D	Additional Component	Various Manufacturers	60HBN8602TIVD	\$ 4.11
SURFACE MOUNT - 4 DATA OUTLETS	Additional Component	Various Manufacturers	60HBN8604I	\$ 6.48
HUBBELL SC DUPLEX COUPLING 6-PK	Additional Component	Various Manufacturers	60HBNFASCMPB6	\$ 92.09
FLUSH FACEPLATE DUPLEX FOR CAT	Additional Component	Various Manufacturers	60HBNFPL12I	\$ 2.48
DUPLEX FLUSH JACKS V/D LABELED	Additional Component	Various Manufacturers	60HBNFPL12IVD	\$ 2.38
FLUSH FACEPLATE 3-GANG OUTLET	Additional Component	Various Manufacturers	60HBNFPL13I	\$ 2.21
QUAD FACEPLATE FOR HUBBELL	Additional Component	Various Manufacturers	60HBNFPL14HI	\$ 2.38
2/PORT GRAY PLT RECT	Additional Component	Various Manufacturers	60HBNFSL244GY	\$ 2.43
Hubbell Dual Jack Frame	Additional Component	Various Manufacturers	60HBNFSL244OW	\$ 2.57
ADAPTER PANEL, BLANK FSP HUBBELL	Additional Component	Various Manufacturers	60HBNFSPB	\$ 9.67
ADAPTER PANEL, FIBER 6 DUPLEX SC ORANGE HUBBELL	Additional Component	Various Manufacturers	60HBNFSPSCD06	\$ 110.72
SURFACE MOUNT BOX WEATHERPROOF 1 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNHI14XGY	\$ 75.12
CAT 6 JACK WEATHERPROOF HUBBELL	Additional Component	Various Manufacturers	60HBNHI6	\$ 51.83
JACK PROTECTIVE CAP, CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNHIC	\$ 14.01
CAT 5E JACK, BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EB	\$ 7.26

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 5e JACK 568B BLACK	Additional Component	Various Manufacturers	60HBNHXJ5EBK	\$ 6.24
JACK,CAT 5E SPEEDGAIN WIRED 568B (GREEN FOR DATA) HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EGN	\$ 7.33
SPEEDGAIN XCELERATOR 5e JK OR	Additional Component	Various Manufacturers	60HBNHXJ5EOR	\$ 7.26
CAT 5 ORANGE DATA JACKS 25/PK	Additional Component	Various Manufacturers	60HBNHXJ5EOR25	\$ 127.50
HUBBELL VOICE JACK	Additional Component	Various Manufacturers	60HBNHXJ5EOW	\$ 5.95
SPEEDGAIN 5e 568B JK IVORY	Additional Component	Various Manufacturers	60HBNHXJ5ETI	\$ 7.26
CAT 5E JACK, WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EW	\$ 6.60
CAT 6 JACKS WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ60W	\$ 11.00
CAT 6 JACKS BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6B	\$ 11.00
CAT 6 JACKS BLUE HUBBELL - 25 PK	Additional Component	Various Manufacturers	60HBNHXJ6B25PK	\$ 8.08
CAT 6 JACK EI HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6EI	\$ 9.83
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR	\$ 10.10
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR25	\$ 8.08
CAT 6 JACKS, TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6TI	\$ 10.30
USOC 6-POSITION JACK E.I.	Additional Component	Various Manufacturers	60HBNHXJUEI	\$ 4.59
USOC JACK 6-CONDUCTOR	Additional Component	Various Manufacturers	60HBNHXJUTI	\$ 5.70
JACK, VOICE RJ-25 USOC 6 CONDUCTOR WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJUW	\$ 5.75
1 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP110W	\$ 2.21
SINGLE FACEPLATE E.I.	Additional Component	Various Manufacturers	60HBNIFP11EI	\$ 2.45
FACE PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNIFP11TI	\$ 2.38
2 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNIFP120W	\$ 2.06
FACEPLATE 2/PORT E.I.	Additional Component	Various Manufacturers	60HBNIFP12EI	\$ 2.21
2 - PORT F.P. LABEL V&D	Additional Component	Various Manufacturers	60HBNIFP12IVD	\$ 2.53
DUPLEX FLUSH FACEPLATE BLANK	Additional Component	Various Manufacturers	60HBNIFP12TI	\$ 2.38
FACEPLATE, 2 PORT, SINGLE GANG WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP12W	\$ 2.45
SINGLE GANG TRIPLE JACK PLATE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP130W	\$ 2.45
FACE PLATE, FLUSH 3 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNIFP13EI	\$ 2.38
TRIPPLICATE FLUSH FACEPLATE BLK	Additional Component	Various Manufacturers	60HBNIFP13TI	\$ 2.38
4 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP140W	\$ 2.38
FACEPLATE, QUAD FLUSH TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14TI	\$ 2.45
FACEPLATE, SINGLE GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14W	\$ 2.30
FACEPLATE, 2 GANG 12 PORTS OFFICE WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP2120W	\$ 10.85
FACE PLATE 2 GANG (EI) ELECTRIC IVORY - 6 PORT	Additional Component	Various Manufacturers	60HBNIFP26EI	\$ 4.78
1.5 UNIT BLANK MODULE HUBBELL GRAY 5-PK	Additional Component	Various Manufacturers	60HBNIMB15GY	\$ 3.40
HUBBELL SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIMF10W	\$ 2.45
SINGLE GANG PLATE HUBBELL GRAY	Additional Component	Various Manufacturers	60HBNIMF1GY	\$ 2.82
2 JACK OUTLET FRAME HUBBELL	Additional Component	Various Manufacturers	60HBNISF20W	\$ 2.72
3 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNISF30W	\$ 2.72

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Item Description	Item Type	Manufacturer	Model	Cost
2 PORT SURFACE MOUNT BOX OFFICE WHITE	Additional Component	Various Manufacturers	60HBNISM20W	\$ 3.35
SURFACE MT HOUSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2EI	\$ 2.98
DUPLEX SURFACE HSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2TI	\$ 2.98
1-GANG 2H FACEPLATE HUBBELL	Additional Component	Various Manufacturers	60HBNMTP-12	\$ 2.04
FACEPLATE, 2 GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNNSP24W	\$ 2.33
HUBBELL MULTI MEDIA HOUSING	Additional Component	Various Manufacturers	60HBNOPPL	\$ 11.20
Patch Panel 16-PORT CAT 5e	Additional Component	Various Manufacturers	60HBNP.P.5-16	\$ 168.73
24 PORT PATCH PANEL CAT 5E	Additional Component	Various Manufacturers	60HBNP5E24B19E	\$ 161.50
PATCH PANEL 24 PT CAT5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E24U	\$ 161.50
48-PORT CAT 5E PATCH PANEL HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48B19E	\$ 344.42
Patch Panel 48-PORT CAT 5e ,WM,& BRKT	Additional Component	Various Manufacturers	60HBNP5E48BF	\$ 89.00
PATCH PANEL 48 PT. CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48U	\$ 289.00
PATCH PANEL 24 PORT CAT 6 HUBBELL	Additional Component	Various Manufacturers	60HBNP624U	\$ 248.20
WALL PLATES-HUBBELL	Additional Component	Various Manufacturers	60HBNP630516	\$ 12.75
WALL PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNP630S1G	\$ 15.30
PATCH PANEL HUBBELL 48-PT CAT 6	Additional Component	Various Manufacturers	60HBNP648U	\$ 416.01
COVER & BASE, ADHESIVE LANTRAK HUBBELL	Additional Component	Various Manufacturers	60HBNPL1ABC7	\$ 3.25
REBOX CABINET 32X24X10 GRAY	Additional Component	Various Manufacturers	60HBNRE4	\$ 416.70
BLANKS, SNAP IN ELECTRIC IVORY 10/PK	Additional Component	Various Manufacturers	60HBNSFBE10	\$ 0.61
BLANK INSERTS, GRAY HUBBELL	Additional Component	Various Manufacturers	60HBNSFBG10	\$ 0.61
WHITE BLANK INSERTS (10-pk)	Additional Component	Various Manufacturers	60HBNSFBW10	\$ 0.63
F TYPE COAX COUPLER	Additional Component	Various Manufacturers	60HBNSFFGOW	\$ 4.85
COAX CONNECTORS F-TYPE HUBBELL WHITE	Additional Component	Various Manufacturers	60HBNSFFI	\$ 5.93
BLANK INSERTS FOR ISF F/PLATE	Additional Component	Various Manufacturers	60HBNSSB10	\$ 5.10
FACEPLATE, DUAL STAINLESS STEEL 1-G, 2 PORT W/ LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL12	\$ 16.24
FACEPLATE, STAINLESS STEEL, 1 GANG, 4 PORT W/LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL14	\$ 16.24
RACK, CHANNEL HUBBELL	Additional Component	Various Manufacturers	60HBNVC76	\$ 238.92
PATCH PANEL 12 PORT, CAT 6 VERTICAL ICC	Additional Component	Various Manufacturers	60ICNPP12V60	\$ 114.75
COMPRESSION TOOL, OMNISEAL EX IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN30703	\$ 171.77
Splitter Two Way Coax	Additional Component	Various Manufacturers	60IDN85-032	\$ 3.21
CONNECTORS, UNISEAL BNC IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN89058	\$ 4.81
3.5MM MALE TO 3.5MM MALE MONO-AUDIO CABLE 27"	Additional Component	Various Manufacturers	60JAN319206	\$ 1.85
WALL PLATE SG 1 PORT	Additional Component	Various Manufacturers	60LEN410801IP	\$ 1.84
BLANK INSERTS, LEVITON	Additional Component	Various Manufacturers	60LEN41084-BIB	\$ 0.26
SS WALL PHONE PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108W1SP	\$ 9.18
WALL PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108WOSP	\$ 10.20
DUAL GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290DMI	\$ 5.53
SINGLE GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290SMI	\$ 2.04

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Item Description	Item Type	Manufacturer	Model	Cost
BLANK INSERTS 1 UNIT LEVITON	Additional Component	Various Manufacturers	60LEN412911BI	\$ 1.17
FLUSH ADAPTERS 1 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412911MI	\$ 1.02
FLUSH ADAPTERS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412912Q1	\$ 1.19
BLANK INSERTS 1.5" LEVITON	Additional Component	Various Manufacturers	60LEN412942BI	\$ 1.11
ANGLED ADAPTORS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412942Q1	\$ 1.28
LEVITON CAT 6 JACK WHITE	Additional Component	Various Manufacturers	60LEN61110ORW6	\$ 8.35
CAT 6 VOICE JACKS LEVITON	Additional Component	Various Manufacturers	60LEN61110R16	\$ 7.74
CAT 6 RJ45 JACKS GRAY LEVITON	Additional Component	Various Manufacturers	60LEN61110RG6	\$ 7.74
CAT 6 RJ45 JACKS BLUE LEVITON	Additional Component	Various Manufacturers	60LEN61110RL6	\$ 9.74
Leviton CAT 6 48 port patch panel	Additional Component	Various Manufacturers	60LEN69586U48	\$ 382.04
STAINLESS STEEL TYPE PLATES	Additional Component	Various Manufacturers	60LEN84013	\$ 1.84
WHITE DECO PLUS 6/PR OUTLET	Additional Component	Various Manufacturers	60LVN40756-BW	\$ 4.74
WHITE 2/PORT DECO PLUS O-LET	Additional Component	Various Manufacturers	60LVN40850-BW	\$ 4.74
CONNECTOR CRIMP ON RG6 QUAD LEVITON	Additional Component	Various Manufacturers	60LVN409850Q6	\$ 0.60
SPLICE INLINE FOR RG59U	Additional Component	Various Manufacturers	60LVN40986	\$ 0.36
BLANK INSERTS, (10-PK) GRAY SNAP IN MODULE LEVITON	Additional Component	Various Manufacturers	60LVN41084BGB	\$ 0.22
F-TYPE BULKHEAD MODULE	Additional Component	Various Manufacturers	60LVN41084FIF	\$ 2.04
SURFACE MT FIELD, 2 PORT	Additional Component	Various Manufacturers	60LVN410892IP	\$ 2.69
SIX POS / SIX COND JACK	Additional Component	Various Manufacturers	60LVN41106-RI6	\$ 3.57
PWR SUM T568A/B 8P/8C JK	Additional Component	Various Manufacturers	60LVN41108RO5	\$ 5.29
WALLPLATE, STAINLESS STEEL LEVITON	Additional Component	Various Manufacturers	60LVN430801S2	\$ 7.57
5/PR CONN BLKS 110	Additional Component	Various Manufacturers	60LVN49105-IDC	\$ 8.50
COAX BULKHEAD PANEL LEVITON	Additional Component	Various Manufacturers	60LVN49255H48	\$ 85.00
32-PORT FIELD CONF PNL	Additional Component	Various Manufacturers	60LVN49255Q32	\$ 68.37
4 PT MOD FURN FACEPLATE W/WINDOW GRAY LEVITON	Additional Component	Various Manufacturers	60LVN49910HG4	\$ 4.76
QUAD INSERT FOR MOD. FURN.,GREY LEVITON	Additional Component	Various Manufacturers	60LVN49910SG4	\$ 3.81
GIGAMAX SNAP IN JK RED 5E	Additional Component	Various Manufacturers	60LVN5G108-RR5	\$ 6.10
CAT 5E BLUE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RL5	\$ 5.44
GIGAMAX SNP-IN JACK ORANGE	Additional Component	Various Manufacturers	60LVN5G108RO5	\$ 5.02
CAT 5E WHITE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RW5	\$ 5.44
PATCH PANEL CAT5E 48-PORT	Additional Component	Various Manufacturers	60LVN5G596U48	\$ 272.00
CONNECTOR, SNAP IN EXTREME CAT 6+ , IVORY WIRED 568B LEVITON	Additional Component	Various Manufacturers	60LVN61110RI6	\$ 9.66
PATCH PANEL 24 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270-U24	\$ 204.00
PATCH PANEL 48 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270U48	\$ 382.04
CONNECTOR, SNAP IN EXTREME CAT 6+ WIRED 568 B LEVITON	Additional Component	Various Manufacturers	60LYN6110RI6	\$ -
HORIZONTAL CABLE MANAGEMENT MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPCD3645	\$ 260.63
VERTICAL MANAGEMAENT 2"W X 3"D X 51RU MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPCP2351	\$ 150.16
HORIZONTAL CABLE MANAGER 2RU 3" DEEP MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPHCM23	\$ 40.39



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Item Description	Item Type	Manufacturer	Model	Cost
WALL PLATES-PAINTED	Additional Component	Various Manufacturers	60MBN99477	\$ 1.87
WALL MOUNT BRACKET SX-200 ML/EL	Additional Component	Various Manufacturers	60MIN50000786	\$ 143.65
ORTRONICS WALL MOUNT EQUIP SHF	Additional Component	Various Manufacturers	60ORN60400006	\$ 108.80
WIRE MANAGEMENT PANEL 3.5 X 19 ORTRONICS	Additional Component	Various Manufacturers	60ORN60400005	\$ 68.00
MIGHTY MO RACK 6.5" CHANNEL ORTRONICS	Additional Component	Various Manufacturers	60ORN6040014	\$ 408.00
WALL MOUNT 48 FIBER PATCH ORTRONICS	Additional Component	Various Manufacturers	60ORN615SMFC	\$ 289.00
PANEL 6ST DUAL CER SM/MM ORTRONICS	Additional Component	Various Manufacturers	60ORN615ST6C	\$ 144.50
ST COUP PANEL MM METAL SL ORTRONICS	Additional Component	Various Manufacturers	60ORN615STDS	\$ 76.50
RACK MT 12 ST MTL RECESSE ORTRONICS	Additional Component	Various Manufacturers	60ORN62512PA	\$ 246.50
RACKMOUNT 12/ST CER RECESSE	Additional Component	Various Manufacturers	60ORN62512PB	\$ 306.00
WIRE MANANAGEMENT PANEL, FINGER DUCT 2 RMO, 3" HORIZO	Additional Component	Various Manufacturers	60ORN8080445	\$ 93.50
WIRE MGMNT 3.5 X 1.7	Additional Component	Various Manufacturers	60ORN8084759	\$ 48.96
HINGED BRACKET 24-PORT P.P.	Additional Component	Various Manufacturers	60ORNOR-60400	\$ 43.61
EQUIPMENT SHELF	Additional Component	Various Manufacturers	60ORNOR-60400405	\$ 85.87
PATCH PANEL PORT CAT 5E 24	Additional Component	Various Manufacturers	60ORNOR-PHD5E6U24	\$ 177.36
CAT 6 48 PT PATCH PANEL ORTRONICS	Additional Component	Various Manufacturers	60ORNPHD66U4	\$ 442.00
JACKS, MINI COM CAT 5E IVORY PANDUIT	Additional Component	Various Manufacturers	60PANCJ5E88T	\$ 8.67
Mini Com Cat5e Jacks Ivory	Additional Component	Various Manufacturers	60PANCJ5E88TGEI	\$ 8.67
PANDUIT VERTICAL WIRE MANAGEMENT	Additional Component	Various Manufacturers	60PANWMBV2	\$ 22.98
CASE FAN 3" OR 3.5" 8X8 PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCASEFAN	\$ 25.48
FN ONLY FOR P3 OR AMD PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCPUFAN	\$ 33.98
ATM CPU FAN PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNCPUFAN	\$ 33.98
FIBER OPTIC WALL MT SPLICE & TERM LOADED 12F UNIT CENT	Additional Component	Various Manufacturers	60PCNFUI25C	\$ 533.73
FIBER OPTIC RACK MOUNT SPLICE & TERM LOADED UNIT AND A	Additional Component	Various Manufacturers	60PCNFUI25C	\$ 623.49
FIBER OPTIC RACK SPLICE & TERM LOADED UNIT AND ASSEMBL	Additional Component	Various Manufacturers	60PCNFUI25C	\$ 1,324.64
FIBER OPTIC WALL RACK MT SPLICE & TERM LOADED ASSEMBL	Additional Component	Various Manufacturers	60PCNFUI25C	\$ 1,627.21
ATM POWER SUPPLY FAN 80MM PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNPSFAN	\$ 25.48
FAN OUT KIT PANDUIT	Additional Component	Various Manufacturers	60PDNBT2506	\$ 17.00
PANDUIT CAT 5E JACKS	Additional Component	Various Manufacturers	60PDNCJ588OR	\$ 8.04
CAT5E SHEILDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJ5E88T	\$ 8.42
CAT 6 SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJ5E88TG	\$ 14.52
D RING HORIZ. CABLE MGMT 19"X1.5"X3" BLK PANDUIT	Additional Component	Various Manufacturers	60PDNCF688TG	\$ 37.77
FAN OUT KIT 12/FIBERS	Additional Component	Various Manufacturers	60PDNCF688TG	\$ 49.86
FAN OUT KIT FOR 6/FIBERS	Additional Component	Various Manufacturers	60PDNF06CB	\$ 26.10
FIBER OPTIC DUPLEX ADAPTER PANELS 3 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP3WBUD	\$ 87.13
3-PORT SC ADAPTER PANELS DPLX	Additional Component	Various Manufacturers	60PDNFAP3WDSC	\$ 73.44
FIBER OPTIC DUPLEX ADAPTER PANELS 6 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP6WBUD	\$ 174.25
6-PORT PANEL SC LOADED	Additional Component	Various Manufacturers	60PDNFAP6WDSC	\$ 147.63

# Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
RK MT 24/48 ENCLOSURE 1U	Additional Component	Various Manufacturers	60PDNFMD1	\$ 269.45
24 PORT FIBER OPTIC INTER CONNECT DRAWER	Additional Component	Various Manufacturers	60PDNFMD24	\$ 290.07
18/36 RACK MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME1	\$ 268.60
RK-MT FIBER ENCLOSURE 54/108	Additional Component	Various Manufacturers	60PDNFRME3	\$ 379.95
RACK MOUNT ENCLOSURE PANDUIT	Additional Component	Various Manufacturers	60PDNFRME4	\$ 456.23
48/96 PORT RACK MT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME48BL	\$ 297.59
72/144 PORT FIBER RM ENCLOSE	Additional Component	Various Manufacturers	60PDNFRME72BL	\$ 452.20
12/24 PORT FIBER OPTIC WALL ENC, PANDUIT	Additional Component	Various Manufacturers	60PDNFWME12BL	\$ 100.22
24/48 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME24EB	\$ 217.09
48/96 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME48BL	\$ 243.10
WIRE MGMNT PANEL (PANDUIT)	Additional Component	Various Manufacturers	60PDNWMP1	\$ 93.76
PANDUIT CABLE MANAGER COVER	Additional Component	Various Manufacturers	60PDNWMP1RFC	\$ 7.00
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 3'	Additional Component	Various Manufacturers	60PDNWMPF1E	\$ 70.41
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 1.5'	Additional Component	Various Manufacturers	60PDNWMPFSE	\$ 60.16
VERTICAL CABLE MGT 4X5 FRT/REAR 45RU PANDUIT	Additional Component	Various Manufacturers	60PDNWMPV45E	\$ 301.27
VERTICAL PANEL CENTER BRACKET	Additional Component	Various Manufacturers	60PDNWMPVCB	\$ 10.37
WIRE MANAGEMENT PANELS (S & C)	Additional Component	Various Manufacturers	60PDNWMPVF20	\$ 82.45
VERTICAL MANAGER, FRONT ONLY PANDUIT	Additional Component	Various Manufacturers	60PDNWMPVF45E	\$ 185.64
VERTICAL WIRE MANAGEMENT FR. & REAR	Additional Component	Various Manufacturers	60PDNWMPVHC45	\$ 376.31
VERTICAL WIRE MANAGEMENT (FRONT)	Additional Component	Various Manufacturers	60PDNWMPVHCF45	\$ 376.31
FACEPLATE, RG6 LOADED, COAX PICO/MACOM	Additional Component	Various Manufacturers	60PINWP811V	\$ 0.82
WALL JACK PLATE STAINLESS STEEL ALLEN TEL	Additional Component	Various Manufacturers	60PRNSE-630A4	\$ 5.63
SC CONNECTORS 62.5 MICRON (FIBER)	Additional Component	Various Manufacturers	60SCN95-00041	\$ 22.53
SC SM F.O. CONNECTORS EPOXY	Additional Component	Various Manufacturers	60SCN95-20008	\$ 13.89
SC UNICAM SM FIBER OPTIC CONN	Additional Component	Various Manufacturers	60SCN95-2041	\$ 25.93
CONNECTOR ST- MM UNICAM CORNING	Additional Component	Various Manufacturers	60SCN95000-50	\$ 14.35
CONNECTOR ST SM UNICAM SGL MD PC CORNING	Additional Component	Various Manufacturers	60SCN9520051	\$ 22.08
SPLICE ENCLOSURE KIT	Additional Component	Various Manufacturers	60SCNBB2128882	\$ 124.30
FAN OUT KIT FOR LT CBL 12-F BUFFER 25" FAN OUT TUBING	Additional Component	Various Manufacturers	60SCNBT2512	\$ 22.95
CORNING FIBER ENCLOSURE	Additional Component	Various Manufacturers	60SCNCCH-02U	\$ 339.47
ADAPTER PANEL 12 STRAND CORNING	Additional Component	Various Manufacturers	60SCNCCH-CP12-91	\$ 71.40
CORNING FIBER ADAPTER	Additional Component	Various Manufacturers	60SCNCCHCP1215T	\$ 53.36
CORNING SM FIBER ADAPTER PANEL	Additional Component	Various Manufacturers	60SCNCHCP1259	\$ 98.60
CORNING FAN	Additional Component	Various Manufacturers	60SCNFNBT2512	\$ 18.67
CORNING INDUSTRIAL FIBER HOUSING	Additional Component	Various Manufacturers	60SCNICH02P	\$ 476.00
SPLICE TRAY	Additional Component	Various Manufacturers	60SCNM67031M	\$ 58.11
PATCH PANEL,24 PORT, RG6 LOADED, COAX SEMTRON	Additional Component	Various Manufacturers	60SENJP10124	\$ 106.25
WALL BRACKET FOR 60SENJP10124, COAX SEMTRON	Additional Component	Various Manufacturers	60SENWMB1014	\$ 56.95

# Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
ADAPTER PANEL , FIBER SC-12 SIEMON	Additional Component	Various Manufacturers	60SINRICFSC12	\$ 96.39
100 PAIR BASE W/LEGS SIEMON	Additional Component	Various Manufacturers	60SINS110AA21	\$ 37.98
300 PR 110 BASE W/LEGS 5 PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AA23	\$ 115.60
300 PR 110 BASE W/LEGS 4PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AB23	\$ 104.48
CONNECTORS, 4 PR- 110	Additional Component	Various Manufacturers	60SINS110C-4	\$ 0.95
RACK MOUNT 110 BLOCK SIEMON	Additional Component	Various Manufacturers	60SINS110DA21	\$ 102.41
DIST RING METAL 13C	Additional Component	Various Manufacturers	60SINSI-4755	\$ 2.13
CAT 7 JACKS SIEMON	Additional Component	Various Manufacturers	60SINT7F011	\$ 21.61
CAT 7 PATCH PANEL, 24 PORT UNLOADED SIEMON	Additional Component	Various Manufacturers	60SINTMPNLZ	\$ 91.51
110 500 PAIR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110M500	\$ 346.80
S110 500/PR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110MA2	\$ 337.45
WALL BRACKET FOR P.P. (48-PORT)	Additional Component	Various Manufacturers	60SPN442-516	\$ 43.59
Patch Panel 24-PORT CAT5e	Additional Component	Various Manufacturers	60SPN449-257	\$ 146.95
Patch Panel 48-PORT CAT-5/5E	Additional Component	Various Manufacturers	60SPN449-258	\$ 396.10
Patch Panel 12-PORT CAT5/5e	Additional Component	Various Manufacturers	60SPN449-685	\$ 99.35
RJ48X ASSEMBLY / SMART JACK	Additional Component	Various Manufacturers	60SPNRJ48X	\$ 6.31
WIRE MGMT PANEL	Additional Component	Various Manufacturers	60SPNWM35-DS	\$ 57.46
6-CONDUCTOR SURFACE JACK IVORY	Additional Component	Various Manufacturers	60SUNSE625A-6	\$ 2.31
RJ-45X TELECOMM JACK / RJ-31X	Additional Component	Various Manufacturers	60SUNSE625A28	\$ 4.37
PE/PVC BLUE JACKET REELS SYSTIMAX	Additional Component	Various Manufacturers	60SYN1061	\$ 0.19
1 PORT MOD JACK CAT 5E ORANGE SYSTIMX	Additional Component	Various Manufacturers	60SYNMPS100E112	\$ 10.32
POLE HARDWARE	Additional Component	Various Manufacturers	60TVNPOLEHDW	\$ 1,600.77
TRENDENT 16 PORT DATA SWITCH W/ POE	Additional Component	Various Manufacturers	60TWNTPES88	\$ 380.80
CAT 6 SL 110 MOD JACK ALMOND TYCO	Additional Component	Various Manufacturers	60TYN13750551	\$ 10.35
CAT 6 SL 110 MOD JACK BLUE TYCO	Additional Component	Various Manufacturers	60TYN13750556	\$ 10.35
TBNC TO BNC, CABLE PLENUM 25' EXTRON	Additional Component	Various Manufacturers	60VSN2637804	\$ 176.80
WALL PLATE EXTRON	Additional Component	Various Manufacturers	60VSNWP180	\$ 255.00
110 TERMINATION BLOCK KIT ALLENTEL	Additional Component	Various Manufacturers	61ALN100C4KIT	\$ 44.74
5-PAIR CONN BLOCK 110 CAT5E NON-TERMINATED (COMES 100)	Additional Component	Various Manufacturers	61ATN10380125	\$ 1.09
PROJECTOR MOUNT, UNIVERSAL	Additional Component	Various Manufacturers	61CENRPAU	\$ 204.00
BRACKET, CABLE TRAY WALL 12" GRAY	Additional Component	Various Manufacturers	61CHN11421-112	\$ 28.90
B CONNECTORS SEALANT FILLED, BLUE	Additional Component	Various Manufacturers	61DONDC100S	\$ 0.14
WEATHERPROOF HOUSING W/SPRINGKIT ON DOOR	Additional Component	Various Manufacturers	61GAN255-14SP	\$ 277.10
CONNECTOR BLOCK KIT W/ BRACKETS & CLIPS	Additional Component	Various Manufacturers	61GBN100C5-KIT	\$ 40.92
110 BLOCK W/LEGS 100 PAIR ALLEN TEL	Additional Component	Various Manufacturers	61GBN110BK-100	\$ 22.39
GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	61GBN3B1E	\$ 3.83
66 MODULAR X-CONN BLOCK W/16-6	Additional Component	Various Manufacturers	61HBNBR256066	\$ 204.00
EQUIPMENT RACK 7'X19" RACK MT. VERTICAL BLK HUBBELL	Additional Component	Various Manufacturers	61HBNCR1976	\$ 637.50

## Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
WALL BRACKET HINGED HUBBELL	Additional Component	Various Manufacturers	61HBNHPWWB4U8	\$ 104.87
COAX BARREL CONNECTOR	Additional Component	Various Manufacturers	61HODCOAXCBLFDC	\$ 6.36
HINGED COVER, FIBERGLASS TYPE 4X HOFFMAN	Additional Component	Various Manufacturers	61HOND16148	\$ 222.70
MOUNTING BRACKETS FOR CS5200/5400 BASE SYSTEM	Additional Component	Various Manufacturers	61INN823.1392	\$ 17.00
CAT 5E PRIMARY PROTECTOR, 4 PAIR	Additional Component	Various Manufacturers	61ITNCAT5-LAN	\$ 117.30
CABLE MGMNT HORIZONTAL	Additional Component	Various Manufacturers	61LVN41DIR-HCM	\$ 28.82
200PR RK MT 110 BLK W/ 5-PR-CON	Additional Component	Various Manufacturers	61LVN41DBR-2FS	\$ 139.83
300PR RK MT 110 BLK W/ 5-PR CON	Additional Component	Various Manufacturers	61LVN41DBR-3FS	\$ 200.60
BRACKET, PKM 48 LONG	Additional Component	Various Manufacturers	61MIN13280029	\$ 30.35
BIX DIST CONN CAT5 4/PR	Additional Component	Various Manufacturers	61NCNA0393146	\$ 9.06
GAS TUBE PROTECTOR DATA	Additional Component	Various Manufacturers	61PSN1504PX27	\$ 102.43
50 PAIR QUICK CLIP IN RJ21X 9 (GAS TUBES/W/66 IN AND FRJ (RJ2	Additional Component	Various Manufacturers	61PSN2405066F	\$ 450.50
100 PR PROTECTOR, MODULES INCLUDED W/ COVER PORTA SY	Additional Component	Various Manufacturers	61PSN2510066	\$ 799.34
25/GAS TUBE PROTECTOR W/BLOCK	Additional Component	Various Manufacturers	61PSN58IP-225	\$ 247.81
DELTA PROTECTOR MODULE-230V	Additional Component	Various Manufacturers	61PSN95BCDXN230	\$ 2.52
HINGED COVER ORANGE 66-BLOCK	Additional Component	Various Manufacturers	61PTNPSH66MO	\$ 1.67
B-CONNECTOR	Additional Component	Various Manufacturers	61RENRB-1000	\$ 0.09
CONNECTOR BLOCK FOR 66	Additional Component	Various Manufacturers	61SEN66B4-25	\$ 42.72
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
PROJECTOR BRACKET, RPAU UNIVERSAL	Additional Component	Various Manufacturers	61UNNRPAU	\$ 204.00
24-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62-CA-N/024KSA20	\$ 3.06
48-STRAND ID/OD FOC mm 62.5/125	Additional Component	Various Manufacturers	62-CA-N/048KWA20	\$ 5.36
Cable 12 PR/24 GUAGE FIG '8' O/H (1/4" MESSENGER)	Additional Component	Various Manufacturers	62ALN12/24O/H	\$ 1.11
Cable FIG '8' O.H.	Additional Component	Various Manufacturers	62ALN6/24 O/H	\$ 0.99
CABLE, 12 PR OUTSIDE/OVERHEAD 24-12 EXCHANGE CABLE PE	Additional Component	Various Manufacturers	62ALNE001224	\$ 0.82
VIDEO/POWER CABLE 100' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL100P	\$ 32.28
VIDEO/POWER CABLE 50' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL50PV	\$ 23.78
Cable 50 PAIR, 24G UNDERGROUND	Additional Component	Various Manufacturers	62ATN50/24UG	\$ 2.57
Cable DATATWIST 350MHZ CAT5E BLUE	Additional Component	Various Manufacturers	62BDN1700A-B	\$ 0.13
Cable DATATWIST 350MHZ CAT5E WHITE	Additional Component	Various Manufacturers	62BDN1700A-W	\$ 0.13

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Item Description	Item Type	Manufacturer	Model	Cost
RG11 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN3094A	\$ 0.62
RG6 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN7916A	\$ 0.16
RG 6 COAX NON-PLENUM	Additional Component	Various Manufacturers	62BDN9116	\$ 0.10
RG6 CO-AXIAL CABLE (Non-Plenum)	Additional Component	Various Manufacturers	62BDNRG6	\$ 0.22
CAT 5e 4PR NON-PLENUM - BLUE BERK-TEK	Additional Component	Various Manufacturers	62BEN10032426	\$ 0.13
CAT 5E 4 PR NON-PLENUM - GRAY BERK-TEK	Additional Component	Various Manufacturers	62BEN10032447	\$ 0.13
Cable 18/2 Twisted Shielded Plenum BE	Additional Component	Various Manufacturers	62BEN887600021000	\$ 0.68
FIBER OPTIC CABLE 6 STRAND MM PLENUM ARMOR BERK-TEK	Additional Component	Various Manufacturers	62BENMIPJ6DN	\$ 2.57
Cable RG/59U Plenum BE	Additional Component	Various Manufacturers	62BENR659UP	\$ 0.48
Cable RG/6U Quad Shield Plenum BE	Additional Component	Various Manufacturers	62BENRG6UPTQ	\$ 0.72
EHS STEEL STRAND 1/4" (5/M FT ROLLS)	Additional Component	Various Manufacturers	62BHNEHS14US	\$ 0.27
CABLE KIT, 10' - WHITE BOGEN	Additional Component	Various Manufacturers	62BONCK10W	\$ 15.30
MESSENGER CABLE 1/4 " strand	Additional Component	Various Manufacturers	62BRN1/4	\$ 0.32
Cable CROSS CONNECT WIRE	Additional Component	Various Manufacturers	62BRN1/PR	\$ 0.05
CAT 5E 5' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-005	\$ 4.17
CAT 5E 10' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-010	\$ 5.87
CAT 6 2000 BLUE, BERK-TEK LANMARK	Additional Component	Various Manufacturers	62BTN10064547	\$ 0.88
F.O.C. 6/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX06055D	\$ 0.51
F.O.C. 12/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX12065D	\$ 0.88
Cable 6-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-006	\$ 1.02
Cable 12-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-012	\$ 0.70
Cable 24-STRAND H.DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-024	\$ 1.84
Cable 48-STRAND H.DUTY RISE sm	Additional Component	Various Manufacturers	62BTNLTR-048	\$ 2.47
FIBER 6 STRAND, 62.5, MULTI MODE, I/O	Additional Component	Various Manufacturers	62BTNLTR006CB3510/25-BT	\$ 0.99
Cable 6/STRAND FOC mm W/ARMORED	Additional Component	Various Manufacturers	62BTNOPA-006	\$ 1.43
Cable 6-STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-006	\$ 0.55
Cable 24 STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-024	\$ 3.71
6 STRAND SINGLE MODE PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR006AB1010	\$ 0.38
12 STRAND 50 MICRON MM PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR012LB351575	\$ 1.53
BURNDY MECHANICAL LUGS	Additional Component	Various Manufacturers	62BUNKA2U	\$ 1.31
12-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62CAN012KSA20	\$ 2.47
GROUND WIRE, INSULATED, GREEN JACKET	Additional Component	Various Manufacturers	62CAN6AWG	\$ 0.40
CARLON 1 IN. PLENUM INNERDUCT	Additional Component	Various Manufacturers	62CANCF4X1C-1000	\$ 2.67
PLENUM 1" INNERDUCT ORANGE CARLON	Additional Component	Various Manufacturers	62CANCF4X1C-500	\$ 2.67
PLENUM 1" ORANGE W TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANCF4X1C-8000	\$ 2.86
1" RISER PVC ORG. TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANDF4X1C-9400	\$ 1.14
COAX CABLE PARAMTR 111 75 SER COMPND	Additional Component	Various Manufacturers	62CMNP3875J	\$ 1.79
Corning 6 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN006R8F31131-29	\$ 0.88

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Item Description	Item Type	Manufacturer	Model	Cost
Corning 12 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN012R8F31131-29	\$ 1.19
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048KW4-74130A20	\$ 6.55
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048RW4-74101A20	\$ 1.09
6-STRAND sm IN-OUT F.O.C.	Additional Component	Various Manufacturers	62CNN373-COR8.3LTD-06	\$ 0.34
CORNING INTERLOCKING ARMOR PLENUM	Additional Component	Various Manufacturers	62CON006K8831130A3	\$ 2.64
Fiber Freedom 6 strand MM	Additional Component	Various Manufacturers	62CON006K8F-31130-29	\$ 1.68
6 STRAND 62.5/125 LT DUCT/AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON006KW4	\$ 1.02
CORNING 6 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON006TU4	\$ 105.40
FIBER 12 STRAND SM MIC CORNING	Additional Component	Various Manufacturers	62CON012E88	\$ 1.14
CABLE, FIBER OPTIC 12/STRAND 8.3/125 LT. DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON012EUC	\$ 0.77
12 STRAND FIBER OPTIC CABLE ARMORED PLENUM MM	Additional Component	Various Manufacturers	62CON012K88	\$ 3.83
12-STRAND 62.5/125 LT DUCT/AERIAL ALTOS GEL FREE	Additional Component	Various Manufacturers	62CON012KW4	\$ 1.79
12 STRAND FIBER OPTIC CABLE FIG "8" ARIEL MM	Additional Component	Various Manufacturers	62CON012KWA	\$ 2.11
12 STRAND FIBER OPTIC CABLE ARMORED	Additional Component	Various Manufacturers	62CON012KWC	\$ 1.90
CORNING 12 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON012TU4	\$ 1.50
FIBER 24 STRAND MM MIC CORNING	Additional Component	Various Manufacturers	62CON024K88	\$ 4.42
24 STRAND 62.5/125 LT. DUCT/ AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON024KW4	\$ 3.23
CORNING 24 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON024TU4	\$ 2.77
CABLE, FIBER OPTIC 48/STRAND 8.3/125 LT.DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON048EUC	\$ 1.29
Fiber Optic Cable 48/Strand mm Indoor // Outdoor Lt. Duct Aerial	Additional Component	Various Manufacturers	62CON048TU4	\$ 6.21
COAX RG6 PLENUM COMM/SCOPE WHITE ( 1/M)	Additional Component	Various Manufacturers	62CON2227V	\$ 0.83
CABLE, ARMORED PLENUM 6-F 62.5/125 CORNING	Additional Component	Various Manufacturers	62CON370406A	\$ 2.79
FIBER OPTIC CABLE 12 STRAND ARMORED PLENUM 50 MICRON	Additional Component	Various Manufacturers	62CON370COR0M2	\$ 3.66
CABLE 6 STRAND FOC MM W/ ARMORED	Additional Component	Various Manufacturers	62CON372625	\$ 1.22
CABLE, FIBER OPTIC ARMOR MM(MULTIMODE) 24 STRAND INDOOR	Additional Component	Various Manufacturers	62CONMIPJ24D	\$ 6.68
CABLE RG6 QUAD SHIELD COAX NON-PLENUM	Additional Component	Various Manufacturers	62CONRG6NP	\$ 0.16
FIBER OPTIC CABLE, SINGLE MODE 6 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN006EUE	\$ 0.92
FIBER OPTIC CABLE 6 STRAND MM INTERLOCKING ARMOR CORNING	Additional Component	Various Manufacturers	62CRN006K813	\$ 1.87
Fiber Optic Cable 6/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN006TU4-T4131D20	\$ 0.88
Single Mode Fiber Optic Cable 12/Strand Gel Free Enhanced Jacket	Additional Component	Various Manufacturers	62CRN012EUE	\$ 1.46
FIBER OPTIC CABLE, SINGLE MODE 12 STRAND GEL FREE CORNING	Additional Component	Various Manufacturers	62CRN012EVC	\$ 0.65
MM 12-STRAND FREEDM IN/OUT	Additional Component	Various Manufacturers	62CRN012KSFMM	\$ 1.87
12-STRAND mm I/O FREEDOM FOC	Additional Component	Various Manufacturers	62CRN012MMFIO	\$ 2.01
Fiber Optic Cable 12/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN012TU4-T4131D20	\$ 1.43
CABLE, FIBER OPTIC 24 STRAND SM LT. DUCT/AERIAL CORNING	Additional Component	Various Manufacturers	62CRN024EU4	\$ 0.58
Fiber Optic Cable 24/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN024TU4-T4131D20	\$ 2.77
FIBER OPTIC CABLE,SINGLE MODE 36 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN036EUE	\$ 1.72
6/STRAND mm PLENUM RISER	Additional Component	Various Manufacturers	62CRN370-949-FDDI-06	\$ 1.12

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Item Description	Item Type	Manufacturer	Model	Cost
6 STRAND MM FIBER CABLE 62.5 I/O	Additional Component	Various Manufacturers	62CRN625LTD06	\$ 1.02
FIBER OPTIC 6 STRAND MM FIG. "8" AERIAL CORNING	Additional Component	Various Manufacturers	62CRNLTFIG806	\$ 1.39
12" CABLE RUNWAY - GRAY	Additional Component	Various Manufacturers	62CWN10250-112	\$ 93.50
CABLE TRAY 15" CHATSWORTH	Additional Component	Various Manufacturers	62CWN10250115	\$ 123.42
Cable ENGENIUS EXT-ANTENNA W/60	Additional Component	Various Manufacturers	62EGNSNULAK20	\$ 225.51
INNERDUCT 1" OSP HDPE ORG WPP ROPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNICE100	\$ 0.37
INNERDUCT 1" PLENUM WHT W/TAPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNIPR1	\$ 2.45
Cable 150 PAIR TELEPHONE	Additional Component	Various Manufacturers	62ETN150PR	\$ 2.13
CABLE VGA 75' MALE - MALE 15 PIN EXTRON	Additional Component	Various Manufacturers	62EXN2623819	\$ 180.20
PRETERMINATED BMC CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2626016	\$ 247.35
PRETERMINATED M-M S-VIDEO CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2631606	\$ 61.20
Cable 14/2 Plenum GC	Additional Component	Various Manufacturers	62GCN31284186	\$ 0.28
Cable 18/4 Plenum GC	Additional Component	Various Manufacturers	62GCN4C18CMP	\$ 0.21
Cable 18/2 Plenum GC	Additional Component	Various Manufacturers	62GCNC31124186	\$ 0.13
DOOR SECURITY CABLE 18G/6C SHLD PLENUM	Additional Component	Various Manufacturers	62GCNHOU1806SCMP	\$ 0.65
CABLE 300 PAIR, UNDERGROUND, GENERAL	Additional Component	Various Manufacturers	62GENDB300P	\$ 10.86
CAT5+PLENUM 350 MHZ	Additional Component	Various Manufacturers	62GRB5224148	\$ 0.30
PULL ROPE 3/8" X 600' REEL IDEAL	Additional Component	Various Manufacturers	62IDN31845	\$ 0.40
1/PAIR X-CONNECT ORANGE	Additional Component	Various Manufacturers	62INN900.9045OR	\$ -
1/PAIR X-CONNECT RED/WHITE	Additional Component	Various Manufacturers	62INN900.9045RD	\$ 0.02
1/PAIR X-CONNECT YELLOW/BLUE	Additional Component	Various Manufacturers	62INN900.9045YL/BL	\$ 0.02
Cat 5E 100MHZ Blue	Additional Component	Various Manufacturers	62INN902.9001	\$ 0.00
Cat 5E100 MHZPlenum White	Additional Component	Various Manufacturers	62INN902.9001WH	\$ 0.00
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
Cable RG-59U CO-AX	Additional Component	Various Manufacturers	62KWNRG-59U	\$ 0.19
CABLE 2287K COMMSCOPE	Additional Component	Various Manufacturers	62KWNRG112287K	\$ 2.13
LEVITON 300 PR 110 BLOCK KIT	Additional Component	Various Manufacturers	62LEN41AB2-3FT	\$ 83.30
100 PR 110 BLOCK KIT W/ C-5'S	Additional Component	Various Manufacturers	62LEN41AB21F5	\$ 34.00
LEVITON CAT 6 96 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-1F4	\$ 59.50
LEVITON CAT 6 288 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-3F4	\$ 156.40

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Item Description	Item Type	Manufacturer	Model	Cost
Cable GROUND WIRE SOLID #10 GREEN	Additional Component	Various Manufacturers	62LFN#10	\$ 0.15
Cable MEGALAN OUTSIDE CAT5e	Additional Component	Various Manufacturers	62MHN5EX0424	\$ 0.48
MOHAWK CAT 6 BLUE PLENUM CABLE	Additional Component	Various Manufacturers	62MON6P4P24	\$ 0.59
CAT 3 50 PR. PLENUM MOHAWK OR BERK-TEK	Additional Component	Various Manufacturers	62MONM56126	\$ 2.38
GROUND CLAMP FOR WATER PIPE CROUSE-HIND	Additional Component	Various Manufacturers	62MWN141DC	\$ 1.80
CABLE, AUDIO 75'	Additional Component	Various Manufacturers	62NON2002PP75	\$ 113.90
AUDIO CABLE 75'	Additional Component	Various Manufacturers	62NON2P2P75	\$ 115.60
CABLE, VIDEO 75'	Additional Component	Various Manufacturers	62NONPPCV75	\$ 108.80
ARMOR, INTERLOCKING 12 FIBER PLENUM 62.5/125 OPTICAL	Additional Component	Various Manufacturers	62OPNDX12060KW900	\$ 4.42
G-PURPOSE I/D ORNGE, W/PULL	Additional Component	Various Manufacturers	62PMNGP-125T	\$ 1.12
PLENUM 1.25" DIAMETER INNERDUCT W/PULL TAPE - WHITE	Additional Component	Various Manufacturers	62PMNPLM125T	\$ 4.00
TELCO CLUSTER BAR 12 RJ-11 USOC 4-PR	Additional Component	Various Manufacturers	62PRNFM030	\$ -
PVC CONDUIT- COMES IN 10' PCS.	Additional Component	Various Manufacturers	62PVCCON2	\$ 0.80
CABLE STANDS	Additional Component	Various Manufacturers	62RAN11455	\$ 117.50
AUDIO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCN2PP25P	\$ 102.00
VIDEO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCNCV25HRP	\$ 68.00
62.5/125 MICRON TB RISER MM FIBER CORNING	Additional Component	Various Manufacturers	62SCN012K81	\$ 1.68
ENDOCORE 1" PVC INNERDUCT	Additional Component	Various Manufacturers	62SCNICE100	\$ 0.31
200 PR SEALPIC DIRECT BURIAL CABLE PE-89	Additional Component	Various Manufacturers	62SEN200PRDBC	\$ 3.49
CAT 3 25 PR	Additional Component	Various Manufacturers	62SEN25PRP24	\$ 0.88
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340026G01	\$ 0.34
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340029101	\$ 0.24
24 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440246G01	\$ 3.83
24 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440249101	\$ 2.38
Cable Cat 5E Plenum 100MHZ SE Blue	Additional Component	Various Manufacturers	62SEN5124128	\$ 0.31
Cable Cat 5E Plenum 100MHZ SE Gray	Additional Component	Various Manufacturers	62SEN5124138	\$ 0.23
CAT 5E 25PR 24GA PLENUM	Additional Component	Various Manufacturers	62sen5147848	\$ 5.36
CAT5E 25 PAIR	Additional Component	Various Manufacturers	62SEN5147848NFR	\$ 5.92
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59



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Item Description	Item Type	Manufacturer	Model	Cost
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
CABLE 100 TO 400 MHZ BLUE	Additional Component	Various Manufacturers	62STN1-4B	\$ 0.30
CABLE 100 TO 400 MHZ WHITE	Additional Component	Various Manufacturers	62STN1-4W	\$ 0.30
25 PR .24GA EXCHANGE CABLE PE 22 AIRCORE SUPERIOR	Additional Component	Various Manufacturers	62SUNE002524	\$ 1.00
Cable 12/PAIR .24GA O/H FIG-8	Additional Component	Various Manufacturers	62TSN12/24-OH	\$ 0.82
Cable 12/PAIR 24GA UNDERGRND	Additional Component	Various Manufacturers	62TSN12/24-UG	\$ 0.31
SPKR WIRE 2/PR 1/PR SHLDED	Additional Component	Various Manufacturers	62WPN253757B	\$ 0.22
Cable - 2pr 1pr shielded - White speaker	Additional Component	Various Manufacturers	62wpn357	\$ 0.18
FIRESTOP WATERBASE CAULK 5-GL	Additional Component	Various Manufacturers	633MNCP25WB	\$ 375.00
FIRESTOP (TUBED)	Additional Component	Various Manufacturers	633MNCP25WB&CAULK	\$ 14.21
MOLDABLE PUTTY STICKS (FIRESTOP) 1.5" X 11" 3M	Additional Component	Various Manufacturers	633MNMP+	\$ 19.70
CLAMP 1 1/4 STRAP T-20	Additional Component	Various Manufacturers	63ABN9000200	\$ 0.29
D RINGS 8" CUT ALLENTEL	Additional Component	Various Manufacturers	63ALNGB10C	\$ 2.81
D RINGS 8" ALLENTEL	Additional Component	Various Manufacturers	63ALNGB13C	\$ 2.30
UNICAM INSTALLATION TOOL	Additional Component	Various Manufacturers	63ANNTLUCO1	\$ 561.00
WALL MOUNT CABINET 8U	Additional Component	Various Manufacturers	63BBNRM2412A	\$ 484.50
GROUND ROD CLAMP 5/8	Additional Component	Various Manufacturers	63BCNGRC58	\$ 5.05
CONDUIT HANGER WITH BOLT 3 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN7B	\$ 1.22
CONDUIT HANGER WITH BOLT 4 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN9B	\$ 3.49
BRIDLE RING 2-INCH	Additional Component	Various Manufacturers	63CFN4BRT32	\$ 1.29
CLAMPS - CONDUIT 1 1/4"	Additional Component	Various Manufacturers	63CFN6H2.5B	\$ 0.51
CLAMPS - CONDUIT 2" THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H5B	\$ 0.78
3" PIPE HANGER W/ NUT BOLT THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H7B	\$ 1.23

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Item Description	Item Type	Manufacturer	Model	Cost
CLAMPS - BEAM	Additional Component	Various Manufacturers	63CFNBC260025EG	\$ 1.11
CLIP CABLE SUPPORT 1/8-1/2 FLNG	Additional Component	Various Manufacturers	63CFNCAT21BC	\$ 0.61
J - HOOKS 2"	Additional Component	Various Manufacturers	63CFNCAT32	\$ 4.08
CABLE HANGER ASSEMBLY	Additional Component	Various Manufacturers	63CFNCAT425	\$ 18.45
BUS BAR BICSI TMG 1/4 IN X 2 CHATSWORTH	Additional Component	Various Manufacturers	63CHN1362201	\$ 110.42
CISCO AIRONET 1300 ROOF MOUNT KIT	Additional Component	Various Manufacturers	63CIN1300KIT	\$ 273.70
CISCO AIRONET 1310 OUTDOOR ACCESS POINT/BRIDGE	Additional Component	Various Manufacturers	63CIN1310	\$ 1,303.90
PROTECTION PANEL CIRCA 100 PR	Additional Component	Various Manufacturers	63CIN1890ECT1	\$ 527.00
CISCO 2821 SECURITY BUNDLE ROUTER 2U IOS ADV MITEL DA	Additional Component	Various Manufacturers	63CIN2821	\$ 5,630.40
CISCO CATALYST 2960G 48 PORT GIGABIT MITEL DATANET	Additional Component	Various Manufacturers	63CIN2960G48	\$ 5,518.20
CISCO 3550 24 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550	\$ 3,357.50
CISCO 3550 48 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550-48	\$ 5,355.00
Cisco Catalyst 3560-24PS SMI PoE	Additional Component	Various Manufacturers	63CIN3560-24PS	\$ 4,332.28
48 PORT 3560 SWITCH CISCO	Additional Component	Various Manufacturers	63CIN3560-48	\$ 6,174.40
CISCO CATALYST 3560-24PS	Additional Component	Various Manufacturers	63CIN356024PS	\$ 3,950.80
SWITCH , ETHERNET 48 PORT POE CISCO	Additional Component	Various Manufacturers	63CIN3750G	\$ 16,660.00
MODULE, EXPANSION CISCO GIGABIT ETHERNET 4 PORTS	Additional Component	Various Manufacturers	63CIN51202941	\$ 637.50
SWITCH, 300 SERIES, MANAGED SG 300 - 10P CISCO	Additional Component	Various Manufacturers	63CIN51204519	\$ 603.50
AIRONET 1130AG SERIES WAP CISCO	Additional Component	Various Manufacturers	63CINAIRAP11	\$ 731.00
12 SWITCH CISCO	Additional Component	Various Manufacturers	63CINC295012	\$ 1,003.00
CISCO SMARTNET 8X5XNBD-SMS-1	Additional Component	Various Manufacturers	63CINCONSNTSMS	\$ 1.45
GBIC TRANSCEIVER MODULE, 1000BASE-LX 1000BASE-LH PLUG I	Additional Component	Various Manufacturers	63CING5486	\$ 1,202.85
GBIC, MINI SFP TRANSCEIVER MODULE, 1000 BASE-LZ, 1000 BASE	Additional Component	Various Manufacturers	63CINGLCLHSM	\$ 1,020.00
GBIC 100 BASE-SX	Additional Component	Various Manufacturers	63CINGLCSXMM	\$ 382.50
LINKSYS TRANSC MOD SFP GB EN CISCO	Additional Component	Various Manufacturers	63CINMGBSX1	\$ 214.20
FLEX PVC 1 1/2 L/T 4T (PER/FT) CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLN1501010	\$ 2.99
FLEXCONN, 1 1/2 STR L/T CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLNLT43H	\$ 29.04
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CON2CZYLISIC	\$ 0.31
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CONMPN2CZLORBER	\$ 0.44
ROPE 3/16" X 1000 CONDUIT FISH LINE	Additional Component	Various Manufacturers	63CRN02398	\$ 52.70
ANCHOR KIT - CONCRETE CHATSWORTH	Additional Component	Various Manufacturers	63CWN40604003	\$ 14.40
DRIVE RINGS 1 1/4 INCH	Additional Component	Various Manufacturers	63DMN30-00807	\$ 0.53
SCREW, V4 X 1 RND HEAD DOTIC	Additional Component	Various Manufacturers	63DON1/4SCREW	\$ 0.18
WASHER, 1/4 X 1 WASHER DOTIC	Additional Component	Various Manufacturers	63DON1/4WASHER	\$ 0.12
CONDUIT CLIP 1/2-3/4	Additional Component	Various Manufacturers	63ECN812M	\$ 0.33
FLEX LIQ TIGHT CONDUIT	Additional Component	Various Manufacturers	63EFNEF11-GRY	\$ 0.73
DC EMT SET-SCREW CONN 4-INCH	Additional Component	Various Manufacturers	63EPN239-DC2	\$ 4.63
PLASTIC INSUL BUSHING 4-INCH	Additional Component	Various Manufacturers	63EPN330	\$ 4.63

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Item Description	Item Type	Manufacturer	Model	Cost
J - HOOK ASSEMBLED TO HAMMER ON FLANGE ERICO	Additional Component	Various Manufacturers	63ERNCAT2124	\$ 4.73
J - HOOK ASSEMBLED W/ BEAM CLAMP ERICO	Additional Component	Various Manufacturers	63ERNCAT32BC	\$ 6.10
COPPERBND GRND ROD 5/8X8	Additional Component	Various Manufacturers	63ETN615880	\$ 11.00
66 / 110 TERMINATION BLADE FLUKE NETWORKS	Additional Component	Various Manufacturers	63FLN0178600	\$ 45.80
66 BLADE / DULL FLUKE NETWORKS, INC.	Additional Component	Various Manufacturers	63FLN10056000	\$ 29.60
JUNCTION BOX (2 PC)	Additional Component	Various Manufacturers	63GBN3510IW-A	\$ 6.66
WIREMOLD FLUSH DUAL FACEPLATE	Additional Component	Various Manufacturers	63GBN5507FRJ	\$ 4.10
WIREMOLD BUSHING	Additional Component	Various Manufacturers	63GBN702	\$ 0.43
BLACK RUBBER FLOOR GUARD	Additional Component	Various Manufacturers	63GBNBK1400-10	\$ 2.41
HOOK, DRIVE 4 3/4"	Additional Component	Various Manufacturers	63GBNC2050190	\$ 1.50
C5 CLIPS (GOES ON 110 BLOCK)	Additional Component	Various Manufacturers	63GBNGB110-C5	\$ 7.65
A-B-SWITCH	Additional Component	Various Manufacturers	63GBNGB477	\$ 17.00
SCREWS 8 X 3/4 PAN HD TAPPING	Additional Component	Various Manufacturers	63GBNJTS20	\$ 0.05
CAT 6 RJ45 TO 110 CORD	Additional Component	Various Manufacturers	63GBNRJ45	\$ 27.20
WIREMOLD STEEL BOX	Additional Component	Various Manufacturers	63GBNV5744	\$ 22.10
WIREMOLD STEEL BOX -2 1/4 " DEEP	Additional Component	Various Manufacturers	63GBNV5744S	\$ 18.67
WIREMOLD STEEL RACEWAY	Additional Component	Various Manufacturers	63GBNV700	\$ 1.70
WIREMOLD MOUNTING STRAP	Additional Component	Various Manufacturers	63GBNV704	\$ 0.54
WIREMOLD CONNECTION COVER	Additional Component	Various Manufacturers	63GBNV706	\$ 0.58
WIREMOLD FLAT ELBOW	Additional Component	Various Manufacturers	63GBNV711	\$ 1.96
WIREMOLD INTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV717	\$ 2.55
WIREMOLD EXTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV718	\$ 2.38
F CONNECTORS FOR PVC RG6 COAX	Additional Component	Various Manufacturers	63GINGF6AHS	\$ 0.63
TONE TEST SET GENERATOR W/mOD CORD & CLIPS GREENLEE	Additional Component	Various Manufacturers	63GRN166855	\$ 56.10
SQUARE COVER 4" FOR SINGLE DEVICE	Additional Component	Various Manufacturers	63GRN52CO	\$ 1.02
FISH RODS / STICKS GREENLEE	Additional Component	Various Manufacturers	63GRN54015	\$ 74.58
FLEX LIQUID TIGHT CONDUIT 3/4	Additional Component	Various Manufacturers	63GRNEF12GRY3/4	\$ 0.77
CONDUIT STRAP 3/4 1H STL	Additional Component	Various Manufacturers	63GRNHS102	\$ 0.37
2" STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN2EMT	\$ 2.41
ELBOW, 90 DEGREE 2"	Additional Component	Various Manufacturers	63GVN2EMTELL	\$ 7.29
3 " STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN3EMT	\$ 4.78
ELBOW, 90 DEGREE 3"	Additional Component	Various Manufacturers	63GVN3EMTELL	\$ 26.49
RENTAL OF 1000' FISHTAPE	Additional Component	Various Manufacturers	63HANFISHTAPE	\$ 255.00
CUBICLE JACK HOUSING PLATE	Additional Component	Various Manufacturers	63HBNHMR-BBK	\$ 3.13
BEZEL FOR FLOOR BOXES, GRAY - KIT (10-PK)	Additional Component	Various Manufacturers	63HBNHWM2KGY10	\$ 15.62
CEILING FITTING HUBBELL	Additional Component	Various Manufacturers	63HBNMT134CF	\$ 4.35
1 GANG BOX STANDARD MT3 HUBBELL	Additional Component	Various Manufacturers	63HBNMT345BA	\$ 5.20
MEDIA TRACK 3 7' HUBBELL	Additional Component	Various Manufacturers	63HBNMT3ABC7	\$ 1.70

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Item Description	Item Type	Manufacturer	Model	Cost
1 GANG STD BOX 1.78IN D HUBBELL	Additional Component	Various Manufacturers	63HBNMT678SB	\$ 6.05
CONDUIT ADAPTERS	Additional Component	Various Manufacturers	63HBNMT67CACF	\$ 5.41
MEDIA TRACK 6 (RACEWAY) 7' LENGTH	Additional Component	Various Manufacturers	63HBNMT6ABC7	\$ 2.13
BASE AND COVER W/ ADHESIVE 7 FT MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8ABC7	\$ 27.81
FITTING END CAP MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EC	\$ 1.70
ELBOW FTNG EXT B C MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EEBC	\$ 5.63
FLAT ELBOW BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8FEBC	\$ 5.42
ELBOW, INTR BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8IEBC	\$ 5.42
SPLICE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8SC	\$ 1.02
BOX, POLYTRAK 1 - G 1.78D STD HUBBELL	Additional Component	Various Manufacturers	63HBNPDB12S	\$ 6.78
CEILING CONDUIT LANTRAK HUBBELL	Additional Component	Various Manufacturers	63HBNPLP1CACF	\$ 5.78
BEZEL FOR WALKER FLOOR BOXES FOR HUBBELL JACKS	Additional Component	Various Manufacturers	63HBNRFB2ABSS	\$ 15.30
NM4/12 FLUSH ENCLOSURE	Additional Component	Various Manufacturers	63HENC FM12126	\$ 408.00
Firestop cartridge Hilti	Additional Component	Various Manufacturers	63HIN259580	\$ 22.67
PULL BOX 12 X 12 NO K HOFFMAN ENGINEERING	Additional Component	Various Manufacturers	63HONASG12	\$ 26.08
PULL BOX 24" X 18" X 6" HOFFMAN ENGINEERING CO.	Additional Component	Various Manufacturers	63HONASG24	\$ 85.00
FLOOR BOX W/RECPT PEDESTAL	Additional Component	Various Manufacturers	63HVNSC3091	\$ 86.96
FISHTAPE - 1/4" 100 FT./CASE	Additional Component	Various Manufacturers	63ID31063	\$ 2.29
FISH TAPE 200 FT 1/4"	Additional Component	Various Manufacturers	63IDN31-065	\$ 386.31
LUBRICANT IDEAL YELLOW - 77 5 GALLON	Additional Component	Various Manufacturers	63IDN31-375	\$ 98.60
LUBRICANT YELLOW-77 IDEAL (1-GAL) WIRE PULLING	Additional Component	Various Manufacturers	63IDN31351	\$ 26.57
RIVETS FOR WALL MOUNT ENDPOINT	Additional Component	Various Manufacturers	63INN808.1503	\$ -
SCREWS, ITW TAPCON 1/4" X 1 3/4"	Additional Component	Various Manufacturers	63ITNCSH-20	\$ 0.37
COUPLING DUPLEX ST LEVITON	Additional Component	Various Manufacturers	63LEN412912TI	\$ 18.94
COUPLING DUPLEX SC LEVITON	Additional Component	Various Manufacturers	63LEN41291PCI	\$ 35.97
BLANK MODULE 2 UNIT LEVITON	Additional Component	Various Manufacturers	63LEN412922BI	\$ 1.38
POWER POLE 12' 2" IVORY HUBBELL	Additional Component	Various Manufacturers	63LFN12AI	\$ 237.63
BLACK ELECTRICAL TAPE	Additional Component	Various Manufacturers	63LFN17TEMFLEX	\$ 1.04
WIREMOLD SURFACE RACEWAY	Additional Component	Various Manufacturers	63LFN2300BA+C	\$ 5.20
COVER CLIP FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2306	\$ 1.04
90 DEGREE FLAT ELBOW FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2311	\$ 2.92
T-CONNECTORS FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2315	\$ 3.57
INSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2317	\$ 3.30
OUTSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2318	\$ 2.92
1-GANG DEEP BOX, ELECTRICAL - DEPTH 1 3/4" WIDTH 3" IVORY	Additional Component	Various Manufacturers	63LFN2348-1	\$ 9.69
2-GANG DEEP WIREMOLD BOX	Additional Component	Various Manufacturers	63LFN2348-2	\$ 12.73
POWER POLES, RACEWAY 10' 5" WIREMOLD	Additional Component	Various Manufacturers	63LFN25DTP4	\$ 187.00
TAPE BLUE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BLU	\$ 4.49

# Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
TAPE BROWN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BRN	\$ 4.49
TAPE GRAY 3/4" X 66'	Additional Component	Various Manufacturers	63LFN35GRA	\$ 1.33
TAPE GREEN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35GRE	\$ 4.49
TAPE ORANGE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35ORA	\$ 4.49
TAPE RED 3/4" X 66	Additional Component	Various Manufacturers	63LFN35RED	\$ 4.49
TAPE VIOLET 3/4" X 66	Additional Component	Various Manufacturers	63LFN35VIO	\$ 4.49
TAPE WHITE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35WHI	\$ 4.49
TAPE YELLOW 3/4" X 66	Additional Component	Various Manufacturers	63LFN35YEL	\$ 4.49
WIREMOLD- 400 ADHESIVE BASE AND COVER	Additional Component	Various Manufacturers	63LFN400BA&C	\$ 2.55
COVER CLIP	Additional Component	Various Manufacturers	63LFN406	\$ 0.66
BLANK END FITTING	Additional Component	Various Manufacturers	63LFN410B	\$ 0.95
POLY PULL LINE (6500')	Additional Component	Various Manufacturers	63LFN430	\$ 46.36
WIREMOLD - 800 ADHESIVE BASE & COVER	Additional Component	Various Manufacturers	63LFN800BA&C	\$ 3.23
NM COVER CLIP WIREMOLD	Additional Component	Various Manufacturers	63LFN806	\$ 0.77
FITTING, ENTRANCE END WIREMOLD	Additional Component	Various Manufacturers	63LFN810A2	\$ 7.46
BLANK END FITTING FOR 800 WIREMOLD	Additional Component	Various Manufacturers	63LFN810B	\$ 1.34
90 DEGREE FLAT ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN811	\$ 2.99
NM TEE 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN815	\$ 4.13
INTERNAL ELBOW FOR 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN817	\$ 2.77
NM EXTERNAL ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN818	\$ 2.77
PLASTIC BUSHINGS 2" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNBUS06	\$ 0.54
PLASTIC BUSHINGS 3" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNBUS08	\$ 1.26
PLASTIC BUSHINGS 4" THOMAS BETTS CORP.	Additional Component	Various Manufacturers	63LFNBUS10	\$ 1.79
ANGLE HANGER BRACKET	Additional Component	Various Manufacturers	63LFNCATHBA	\$ 1.90
WORK MOUNTING PLATE	Additional Component	Various Manufacturers	63LFNMP1	\$ 1.94
SPIRAL WRAP 1/2 INCH - 100' ROLL BLACK - PANDUIT	Additional Component	Various Manufacturers	63LFNSPIRALWRAP1/2	\$ 272.56
SERVICE WEDGE CLAMPS FOR 25 PR BLACKBURN	Additional Component	Various Manufacturers	63LFNW40-1	\$ 10.29
SERVICE WEDGE CLAMPS	Additional Component	Various Manufacturers	63LFNW62-1	\$ 4.15
10 X 1 ANCHOR KIT	Additional Component	Various Manufacturers	63LFNWAK14	\$ 12.60
HOUSING, EMPTY ONLY LEVITON	Additional Component	Various Manufacturers	63LVN416421	\$ 4.68
3 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416431	\$ 4.68
6 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416461	\$ 4.68
WALLPLATE, 3G IV LEVITON	Additional Component	Various Manufacturers	63LVN804111	\$ 1.45
BRIDLE RING, 2" WOOD SCREW MINERALLAC ELECTRIC	Additional Component	Various Manufacturers	63MEN648RW	\$ 1.56
3/8-16 STL DROP IN ANCHOR	Additional Component	Various Manufacturers	63MENJDIA38	\$ 0.68
3/8 - 16 HEX NUT	Additional Component	Various Manufacturers	63MENJN165	\$ 0.08
SCREWS, MACHINE 1/4 - 20 X 3/8 METALLICS, INC.	Additional Component	Various Manufacturers	63MENJRM22	\$ 0.09
SCREWS, 1/4 - 20 X 1/2 R H MACH SCREW METALLICS	Additional Component	Various Manufacturers	63MENJRM99	\$ 0.11

# Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
WASHER, FLAT 3/8"	Additional Component	Various Manufacturers	63MENJSW75	\$ 0.07
SCREWS, MACHINE SPANNER FLATHEAD 4-40 X 1 1/2 DS4 MUTUA	Additional Component	Various Manufacturers	63MUN0424SMF	\$ 0.48
DRIVER, #4 (FOR USE WITH SPANNER FLAT HEAD MACHINE SCRE	Additional Component	Various Manufacturers	63MUN1D4	\$ 17.00
MINERAL WOOL NELSON	Additional Component	Various Manufacturers	63NENAA0417	\$ 16.83
FIRESTOP PILLOWS, 10 X 4 X3 NELSON	Additional Component	Various Manufacturers	63NENAA0478	\$ 10.54
FIRESTOP PILLOWS, 10 X 8 X 3 NELSON	Additional Component	Various Manufacturers	63NENAA0479	\$ 15.56
MULE TAPE 1800 LB PRE-LUBRICATED IN SEQUENCE NEPTCO	Additional Component	Various Manufacturers	63NPNWP1800P	\$ 491.30
FACEPLATES, W/LABEL CLASSIC /ANGLED 2 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL2E	\$ 3.25
Classic (angled) Faceplate w/Label 2 Port	Additional Component	Various Manufacturers	63PANCFPSL2EIIY	\$ 3.25
FACEPLATES, W/ LABEL CLASSIC/ANGLED 6 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL6E	\$ 3.25
Classic (angled) Faceplate w/Label 6 Port	Additional Component	Various Manufacturers	63PANCFPSL6EIIY	\$ 3.25
WIREMOLD SW/RECEPT BOX	Additional Component	Various Manufacturers	63PDN62048	\$ 9.33
LT. GRAY DUCT COVER 11/2	Additional Component	Various Manufacturers	63PDNC15LG6	\$ 1.50
PANDUIT LIDS FOR 3" E-DUCT	Additional Component	Various Manufacturers	63PDNC3LG6	\$ 3.20
PANDUIT LIDS FOR 4" E-DUCT	Additional Component	Various Manufacturers	63PDNC4LG6	\$ 3.88
DROP CEILING FITTING	Additional Component	Various Manufacturers	63PDNDCF5EIX	\$ 2.38
LT. GRAY DUCT .5 X 1	Additional Component	Various Manufacturers	63PDNE15X1G6	\$ 6.34
PANDUIT 3 X 3 E-DUCT - COMES IN 6' PIECES	Additional Component	Various Manufacturers	63PDNE3X3LG6	\$ 11.00
PANDUIT 4 X 4 E-DUCT	Additional Component	Various Manufacturers	63PDNE4X4LG6	\$ 16.92
TYPE G SLOT DUCT LT GRAY PANDUIT	Additional Component	Various Manufacturers	63PDNG15X15	\$ 6.68
VELCRO WRAP, PANDUIT 75' ROLL	Additional Component	Various Manufacturers	63PDNHL575RO	\$ 110.08
RACEWAY BOX 1G BASE & COVER	Additional Component	Various Manufacturers	63PDNJB43510E1A	\$ 6.66
6' ADHESIVE BACK FOR 25 PAIR	Additional Component	Various Manufacturers	63PDNLD3EI6-A	\$ 2.52
RACEWAY 6' LATCH DUCT	Additional Component	Various Manufacturers	63PDNLD5E16A	\$ 2.74
DISTRIBUTION RING LARGE 5.12"	Additional Component	Various Manufacturers	63PENGB-13B	\$ 2.50
SPOOLS W/SCREW	Additional Component	Various Manufacturers	63PENGB-20	\$ 0.99
DISTRIBUTION RING 4 " METAL	Additional Component	Various Manufacturers	63PENS14754	\$ 1.75
TY-WRAP BLACK 8 INCHES	Additional Component	Various Manufacturers	63PRN50R-COW	\$ 0.03
1-GANG DRY TITE BOX	Additional Component	Various Manufacturers	63RDNDIH3-1-W	\$ 4.11
SUSPENSION CLAMP 5 5/8" RELIABLE	Additional Component	Various Manufacturers	63REN7903	\$ 6.73
STRAND VISES 1/4" FOR FIBER OPTIC AND COPPER CABLE -POLE	Additional Component	Various Manufacturers	63RPNRVP-5200	\$ 16.88
1/8" STEREO TO MONO ADAPTER	Additional Component	Various Manufacturers	63RSN2740368	\$ 5.08
72 IN MF CABLE	Additional Component	Various Manufacturers	63RSN4202362	\$ 5.08
6 1/8 PHONO PLG	Additional Component	Various Manufacturers	63RSN4202444	\$ 5.59
CONDUIT STEEL 1/2 INCH	Additional Component	Various Manufacturers	63SCN1/2-EMT	\$ 0.29
BEAM CLAMP 1/4-20TAPD	Additional Component	Various Manufacturers	63SCN500-SC	\$ 0.82
CORNING INNER DOOR LOCK KIT	Additional Component	Various Manufacturers	63SCNHDWRLOCKKIT	\$ 32.59
CONDUIT STRAP 1/2 1H	Additional Component	Various Manufacturers	63SCNHS101	\$ 0.30

# Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
EMT STRAP 1 1/4	Additional Component	Various Manufacturers	63SCNTS-104	\$ 0.88
1/2 1-INCH HIGH EMT STRAP	Additional Component	Various Manufacturers	63SCNTS101	\$ 0.27
DRY WALL SCREWS 1 INCH	Additional Component	Various Manufacturers	63SHNDWCBP100	\$ 0.07
1 AND 5/8" DRY WALL SCREWS	Additional Component	Various Manufacturers	63SHNDWCBP163	\$ 0.10
ORANGE LASTING HINGED COVER	Additional Component	Various Manufacturers	63SMNMC4LH-9	\$ 3.93
2X2 SLOTTED DUCT GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGCV	\$ 1.99
2X2 DUCT SLOTTED GRAY BASE 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGRY	\$ 6.92
TY-WRAP 12 INCH NATURAL	Additional Component	Various Manufacturers	63SPN401C9-11	\$ 0.05
CABLE TIE MOUNT, BUTTONS	Additional Component	Various Manufacturers	63SPNCTM2CO	\$ 0.58
CABLE TIE MOUNT, BUTTONS #10	Additional Component	Various Manufacturers	63SPNCTM3CO	\$ 0.88
CABLE ANALYZER	Additional Component	Various Manufacturers	63SPNDTX1800120	\$ 10,196.60
IVORY RACEWAY 3/4 W/ADHESIVE	Additional Component	Various Manufacturers	63SPNPTSR116A	\$ 1.53
IVORY RACEWAY 11/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR21-6A	\$ 2.19
IVORY RACEWAY 13/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR31-8A	\$ 3.15
RACEWAY SPLICE COVER 13/4	Additional Component	Various Manufacturers	63SPNSR3I14	\$ 1.75
RACEWAT TEE COVER 13/4	Additional Component	Various Manufacturers	63SPNSR3I211	\$ 1.92
RACEWAY EXT CORNER 13/4	Additional Component	Various Manufacturers	63SPNSR3I291	\$ 3.43
RACEWAY INT CORNER 13/4	Additional Component	Various Manufacturers	63SPNSR3I331	\$ 1.92
RACEWAY END CAP 13/4	Additional Component	Various Manufacturers	63SPNSR3I36	\$ 1.75
RACEWAY ELBOW 13/4	Additional Component	Various Manufacturers	63SPNSR3W251	\$ 1.92
JUNCTION BOX 11/4 IVORY	Additional Component	Various Manufacturers	63SPNSRI-JB1	\$ 5.90
RACEWAY JUNCTION BOX 2-INCH D	Additional Component	Various Manufacturers	63SPNSRIJB2	\$ 6.24
2 PORT SURFACE MT UNLOADED M SERIES IVORY SYSTMX	Additional Component	Various Manufacturers	63SYNM102SMBB246	\$ 4.37
FLEX CONN 1/2 INS L/T	Additional Component	Various Manufacturers	63TBN5332	\$ 3.00
SCREW MOUNT FOR CABLE TIES (500/PKG) #8 SCREW	Additional Component	Various Manufacturers	63TBN5MNY001	\$ 0.06
HORSESHOE, PLASTIC FOR FIBER OPTIC CABLE 24/STRAND	Additional Component	Various Manufacturers	63TCNFOS12PT	\$ 55.18
RACK MT 12 OUTLET STRIP TRIPLITE	Additional Component	Various Manufacturers	63TLNRS-1215	\$ 55.25
RACEWAY WHITE 10' SECTION WIREMOLD	Additional Component	Various Manufacturers	63WIN700WH	\$ 25.50
STRAP, MOUNTING WHITE WIREMOLD	Additional Component	Various Manufacturers	63WIN704WH	\$ 0.70
IN-LINE BRACKET WIREMOLD	Additional Component	Various Manufacturers	63WMN5407T-WH	\$ 8.81
BOX SHALLOW METAL SW/RECEPTACLE	Additional Component	Various Manufacturers	63WMN5748S	\$ 6.52
CONNECTOR 1/2 BOX	Additional Component	Various Manufacturers	63WMN5781	\$ 3.05
Power Pole 15' 5"	Additional Component	Various Manufacturers	63WMNAMTC-415	\$ -
GRAY RECT RCPT COVER	Additional Component	Various Manufacturers	63WMNG4048R	\$ 8.77
STRAP IVORY 500 SERIES	Additional Component	Various Manufacturers	63WMNV504	\$ 0.29
90 DEGREE FLAT ELBOW 500 SER	Additional Component	Various Manufacturers	63WMNV511	\$ 1.51
INTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV517	\$ 2.03
EXTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV518	\$ 1.90

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Item Description	Item Type	Manufacturer	Model	Cost
SUPPORTING CLIP IV 500 SERIES	Additional Component	Various Manufacturers	63WMNV5703	\$ 0.58
WIREMOLD 1 3/8" BOX	Additional Component	Various Manufacturers	63WMNV5747	\$ 7.31
9-OUTLET SURGE SUPPRESSOR	Additional Component	Various Manufacturers	64ANNAPCNET9RM	\$ 149.60
A.C.SURGE POWER STRIP (NET 7)	Additional Component	Various Manufacturers	64APN900.0635	\$ 25.50
SURGE STATION 8 A.C. STRIP	Additional Component	Various Manufacturers	64APN900.5769	\$ 34.00
APC RACK MOUNT 9-OUTLET A.C.	Additional Component	Various Manufacturers	64APNNET-9-RM	\$ 132.60
MODEM/POWER PROTECTOR	Additional Component	Various Manufacturers	64APNPTS01	\$ 20.40
POWER STRIP 19" FLUSH 15A 8 OUTLET RACK MT CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816701	\$ 135.46
POWER STRIP, HORIZONTAL 15A 8 OUTLET, SURGE CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816703	\$ 142.80
POWER STRIP 10 OUTLET GEIST	Additional Component	Various Manufacturers	64GENSP10410	\$ 168.30
10 OUTLET POWER STRIP HUBBELL	Additional Component	Various Manufacturers	64HBNHPWPWRTSTLNS	\$ 219.30
POWER STRIP W/ 8 OUTLETS	Additional Component	Various Manufacturers	64MIN9010528	\$ 27.20
SURGE STRIP 1U 20A	Additional Component	Various Manufacturers	64TLN2SOBAR12	\$ 139.40
SURGE STRIP 12 OUTLET	Additional Component	Various Manufacturers	64TLNISOBAR12	\$ 139.40
12 PR PROTECTOR UNIT 66/IN 66/OUT CIRCA TELE	Additional Component	Various Manufacturers	65CIN2612QC	\$ 155.55
MODULES, PROTECTOR FOR PROTECTOR UNIT 5/PIN BLK 350 VOL	Additional Component	Various Manufacturers	65CIN4B1E	\$ 5.02
12 PAIR GAS STATION PROTECTOR OUTDOOR ENCLOSURE CIRC	Additional Component	Various Manufacturers	65CIN51212G	\$ 184.59
LIGHTNING PROTECTION KIT	Additional Component	Various Manufacturers	65EGNSN920LPK	\$ 85.00
RJ45 45 T-1 PROTECTOR IN/OUT	Additional Component	Various Manufacturers	65OCNRJDP48C	\$ 56.10
LINE PROTECTOR, ANALOG 6-AP, BLACK ONEAC	Additional Component	Various Manufacturers	65ONN6AP	\$ 21.86
6-PAIR GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	65REN66C16VS	\$ 108.78
J-HOOK WITH ANGLE BRACKET	Additional Component	Various Manufacturers	66CFNCAT32AB	\$ 3.42
J-HOOKS 4"	Additional Component	Various Manufacturers	66CFNCAT64	\$ 7.29
9 VOLT BATTERY ENERGIZER - 8/PK	Additional Component	Various Manufacturers	66EVN782-035	\$ 2.48
AA BATTERY - 24/PK	Additional Component	Various Manufacturers	66EVN782-049	\$ 0.82
AAA BATTERY ENERGIZER - 18/PK	Additional Component	Various Manufacturers	66EVN782-058	\$ 0.88
BATTERIES 1.5V D SERIES	Additional Component	Various Manufacturers	66EVNPC1300D	\$ 1.21
STN MDF PANEL & CABLE FOR EXECUTONE	Additional Component	Various Manufacturers	66EXNPNL/CBL	\$ 85.00
UNIV CONTNUTY TESTER, SC,ST,FC	Additional Component	Various Manufacturers	66FSNF15000U	\$ 83.79
CONDUIT STEEL 4 INCH EMT	Additional Component	Various Manufacturers	66GBN4-EMT	\$ 8.96
HANDSET Y SPLITTER	Additional Component	Various Manufacturers	66RSN477-153	\$ 16.29
TAIL, MALE TO FEMALE 25 PR 50' GRAY	Additional Component	Various Manufacturers	69ATN253PC50	\$ 69.31
FEMALE TAIL ASSY 25 FOOT	Additional Component	Various Manufacturers	69INN25CX25	\$ 14.88
FEMALE TAIL OPEN END 50 FEET	Additional Component	Various Manufacturers	69KWN25CC50	\$ 30.18
PRE-MADE 15' FEMALE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE15	\$ 26.91
25' FEMALE PRE-MADE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE25	\$ 43.25
15' MALE TAIL ONE END	Additional Component	Various Manufacturers	69KWNMALE-15	\$ 21.78
MALE TAIL 25 PAIR 25' SINGLE ENDED	Additional Component	Various Manufacturers	69KWNMALE25	\$ 38.06



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Item Description	Item Type	Manufacturer	Model	Cost
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSN25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSN25/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
BATTERY BACK UNIT MAIN 1-CAB+	Additional Component	Various Manufacturers	23APNSU750XL	\$ 576.00
RACK MOUNT BATTERY BACK UP UNIT 1000XA	Additional Component	Various Manufacturers	23APNSUA1000RM2U	\$ 899.99
APC SMART UPS 1000 VA XL RUN	Additional Component	Various Manufacturers	23APNSUA1000XL	\$ 763.20

## Small Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
RACK MT A.P.C. BATTERY B/U	Additional Component	Various Manufacturers	23APNSUA1500RM	\$ 1,017.00
APC SMART UPS RK MT 2200VA	Additional Component	Various Manufacturers	23APNSUA2200RM2U	\$ 1,345.41
Smart U.P.S. Rack Mount Battery Back-Up Unit 2200VA, 120V, 3U	Additional Component	Various Manufacturers	23APNSUA2200RMXL3U	\$ 1,608.33
APC SMART UPS BATTERY PAK	Additional Component	Various Manufacturers	23APNSUA24XLBP	\$ 448.50
APC SMART UPS BATTERY PACK RACK MOUNT	Additional Component	Various Manufacturers	23INNSU24R2XLBP	\$ 675.90
Monthly Maintenance per Voice Mail Port	Additional Component	ET&T	ETT-Maintenance-VM	\$ 17.00
Monthly Maintenance per System Port	Additional Component	ET&T	ETT-Maintenance-Port	\$ 4.00
Monthly Maintenance per Phone	Additional Component	ET&T	ETT-Maintenance-Phone	\$ 6.00

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
This ET&T system and components will satisfy the needs of most organizations with fewer than 250 users. This solution can be scaled down to Small Key System and is Duplicated on the small tab.				
Mitel 5000 IP Base Kit HX	Base System	Mitel	52002686	\$ 2,795.00
1 x 580.1003 MT5000 HX Controller Chassis Only				
1 x 580.3000 MT5000 HX Processor Mdl (HPM)				
16 x 840.0416 MT5000 Lic IP Phone Category D				
1 x 840.0844 MT5000 Lic Dyn Ext Expr SYSTEM				
1 x 50006271 PWR CRD C13 10A 125V - NA PLUG				
1 x 580.9126 MT5000 HX Ctrl Pwr Sup 120W 24VDC 5A				
4 x 840.0411 LICENSE INTL5000 BVM SINGLE PT				
1 x 999.9000 999.9000				
1 x 54005357 MT5000 Lic UVM E-mail Synchronization				
1 x 54005359 MT5000 Lic Meet-Me Conf				
1 x 54005399 MT5000 Lic Hot Desking System-Wide				
Mitel 5000 Digital Base Kit HX	Base System	Mitel	52002685	\$ 2,795.00
1 x 580.1003 MT5000 HX Controller Chassis Only				
1 x 580.3000 MT5000 HX Processor Mdl (HPM)				
1 x 580.2202 MT5000 DDM-16b CCA for HX (no cbl				
48 x 840.0417 MT5000 Lic Digital Phone Category E				
1 x 840.0844 MT5000 Lic Dyn Ext Expr SYSTEM				
1 x 50006271 PWR CRD C13 10A 125V - NA PLUG				
1 x 580.9126 MT5000 HX Ctrl Pwr Sup 120W 24VDC 5A				
4 x 840.0411 LICENSE INTL5000 BVM SINGLE PT				
1 x 54005357 MT5000 Lic UVM E-mail Synchronization				
1 x 54005359 MT5000 Lic Meet-Me Conf				
1 x 54005399 MT5000 Lic Hot Desking System-Wide				
1 x 50006552 MT5000 CBL DDM-16 3M TO AMP 50P 3METR				
Mitel 5000 Common Equipment				
2GB Compact Flash Mitel 5000 NA	Expansion Configuration	Mitel	50006500	\$ 120.00
Kit Wall Mount brkt HX Ctrl, PS & 2 DEI	Additional Component	Mitel	50006504	\$ 250.00
PCBA DDM-16 CARD WITH CABLE	Expansion Configuration	Mitel	52002624	\$ 1,000.00
Mitel 5000 PS-1 w/lic key (NA)	Expansion Configuration	Mitel	52002652	\$ 6,000.00
MT5000 Lic Remote ACD	Additional Component	Mitel	840.0233	\$ 280.00
MT5000 Lic IP Gateway Trunk	Additional Component	Mitel	840.0234	\$ 125.00
MT5000 Lic Desktop Interface	Additional Component	Mitel	840.0319	\$ 280.00
MT5000 Lic System OAI Events	Additional Component	Mitel	840.0320	\$ 420.00
MT5000 Lic System OAI 3rd Pty Call Ctrl	Additional Component	Mitel	840.0321	\$ 420.00

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Item Description	Item Type	Manufacturer	Model	Cost
MT5000 Lic IP Phones Enable System	Additional Component	Mitel	840.0408	\$ 1,400.00
MT5000 Lic Digital Phone Category E	Additional Component	Mitel	840.0417	\$ 70.00
MT5000 Lic IP Phone Category F	Additional Component	Mitel	840.0418	\$ 100.00
MT5000 Lic Enable 2nd port on T1M-2	Additional Component	Mitel	840.0759	\$ 1,000.00
MT5000 Lic File Based Music Source	Additional Component	Mitel	840.0819	\$ 150.00
MT5000 Lic SIP Trunk	Additional Component	Mitel	840.0833	\$ 125.00
Mitel 5000 Communications Platform - Voicemail, Enterprise Messaging				
MT5000 Lic UVM BES Synchronization	Additional Component	Mitel	54005358	\$ 500.00
MT5000 Lic UVM 4 ports	Additional Component	Mitel	840.0460	\$ 1,000.00
KIT MULTI-APP CT GATEWAY V4.1	Additional Component	Mitel	828.1514	\$ 1,500.00
Desktop Devices - IP Phones and Accessories				
5310 IP BRDM CONF OPT MOUSE DK	Additional Component	Mitel	50001543	\$ 125.00
5448 PKM FRU (48 Key) Dark Gray	Additional Component	Mitel	50002824	\$ 390.00
Mitel Line Interface Module (NA	Additional Component	Mitel	50004197	\$ 169.00
IP Conference Saucer - Dark Grey	Additional Component	Mitel	50004459	\$ 500.00
5340 IP PHONE	Additional Component	Mitel	50005071	\$ 470.00
24VDC IP PWR ADPT 100-240V 50-60HZ(	Additional Component	Mitel	50005300	\$ 40.00
5310 IP CONFERENCE MODULE (5300 SER	Additional Component	Mitel	50005321	\$ 150.00
Cordless Handset w/Charging Plate (NA)	Additional Component	Mitel	50005405	\$ 215.00
Cordless Headset w/ Charging Cradle (NA)	Additional Component	Mitel	50005522	\$ 360.00
5302/5304 Wall Mount Kit(16 Pack)	Additional Component	Mitel	50005663	\$ 100.00
5324 IP Phone	Additional Component	Mitel	50005664	\$ 255.00
CORDLESS HANDSET WITH MODULE NA	Additional Component	Mitel	50005711	\$ 325.00
Cordless Headset & Module Bundle NA DECT	Additional Component	Mitel	50005712	\$ 470.00
5330 IP Phone (Backlit)	Additional Component	Mitel	50005804	\$ 370.00
5312 IP Phone	Additional Component	Mitel	50005847	\$ 210.00
PKM KIT - 12 KEY (for 85xx/53xx Phones)	Additional Component	Mitel	50005914	\$ 250.00
PKM KIT - 48 KEY (for 85xx/53xx Phones)	Additional Component	Mitel	50005915	\$ 430.00
5360 IP Phone	Additional Component	Mitel	50005991	\$ 595.00
5320 IP Phone	Additional Component	Mitel	50006191	\$ 250.00
Bluetooth Module (for BT Hndset/Headset)	Additional Component	Mitel	50006402	\$ 185.00
Bluetooth Handset/Module Bundle	Additional Component	Mitel	50006441	\$ 280.00
5320E IP PHONE	Additional Component	Mitel	50006474	\$ 315.00
5330E IP PHONE	Additional Component	Mitel	50006476	\$ 435.00
5340E IP PHONE	Additional Component	Mitel	50006478	\$ 535.00
PWR CRD C7 2.5A 125V-NA PLUG	Additional Component	Mitel	51005172	\$ 5.00
5304 IP Phone	Additional Component	Mitel	51011571	\$ 165.00
48VDC ETHNT PWR ADPT 100-240V 802.3af	Additional Component	Mitel	51015131	\$ 40.00

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Item Description	Item Type	Manufacturer	Model	Cost
5360 Phone + Bluetooth Bundle	Additional Component	Mitel	52002756	\$ 735.00
Desktop Devices - Mitel 5000 CP/Axxess Phones, Accessories				
8528 Telephone (NA)	Additional Component	Mitel	50006122	\$ 225.00
8568 Telephone (NA)	Additional Component	Mitel	50006123	\$ 295.00
ATTENDANT CONSOLE V3.2 MULTI-NODE	Additional Component	Mitel	550.5310	\$ 2,500.00
ATTENDANT CONSOLE V3.2 SINGLE NODE	Additional Component	Mitel	550.5312	\$ 1,500.00
KIT SGL-APP CT GATEWAY V4.1	Additional Component	Mitel	828.1523	\$ 200.00
Wireless - IP DECT				
IP DECT Stand+Handset NA	Additional Component	Mitel	51015276	\$ 495.00
IP DECT Repeater NA	Additional Component	Mitel	51015284	\$ 325.00
IP DECT Stand NA, FRU	Additional Component	Mitel	51015389	\$ 350.00
5610 Handset Charging Cradle, FRU	Additional Component	Mitel	51015402	\$ 30.00
5610 Handset Battery Pack, FRU	Additional Component	Mitel	51015404	\$ 40.00
IP DECT Repeater Power Adapter NA FRU	Additional Component	Mitel	51015616	\$ 30.00
IP DECT Stand Power Supply Universal FRU	Additional Component	Mitel	51300948	\$ 30.00
5610 Handset Chging Crdle P/S Univ. FRU	Additional Component	Mitel	51300949	\$ 30.00
5610 IP DECT Handset NA	Additional Component	Mitel	51301100	\$ 250.00
Unified Communications				
UC Express 1 Softphone License	Additional Feature	Mitel	54004264	\$ 60.00
UC Advanced 1 Deskphone License	Additional Feature	Mitel	54004266	\$ 99.00
UC Advanced 1 Softphone License	Additional Feature	Mitel	54004268	\$ 75.00
UC ADVANCE DESKPHONE & SOFTPHONE LI	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
UCA Web/Mobile Portal-1 User	Additional Feature	Mitel	54005163	\$ 50.00
UCA Advanced Server Peering License	Additional Feature	Mitel	54005380	\$ 2,000.00
UCA Advanced Server Federation License	Additional Feature	Mitel	54005381	\$ 2,500.00
HD Codec & Web Collab License	Additional Feature	Mitel	54005477	\$ 500.00
UC Adv Mobile for Smart Devices 1 Lic	Additional Feature	Mitel	54005598	\$ 59.00
UC Adv Std-alone client Smart Device 1 L	Additional Feature	Mitel	54005601	\$ 59.00
NuPoint Unified Messaging				
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP misc apps: NP forms, NP on demand#	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP Fax Enable on one port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NuPoint Text-to-speech port	Additional Feature	Mitel	54002692	\$ 1,200.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -

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Item Description	Item Type	Manufacturer	Model	Cost
NP-SAA. Corporate directory, 1 name.	Additional Feature	Mitel	54004054	\$ 15.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Speech to text enablement	Additional Feature	Mitel	54005322	\$ -
Mitel Applications Suite		Mitel		
MAS 4.0 Server Appliance 5000 NA	Additional Component	Mitel	52002723	\$ 3,495.00
Rack mounted Dell R210 with 8GB RAM				
pre-installed with MSL software and MAS				
apps (NuPoint, AWC, UC Advanced),				
Mitel 5000 SIP Peering Licenses (6)				
Mitel Collab Adv Aud Only 5K (1USR)	Additional Feature	Mitel	54003981	\$ 400.00
Mitel Collab Adv Aud/Web 5K (1USR)	Additional Feature	Mitel	54003984	\$ 500.00
SIP Peering VM Port for NPM(840.0825)	Additional Feature	Mitel	54004028	\$ -
MAS Nupoint Advanced UM 1 User	Additional Feature	Mitel	54004222	\$ 60.00
Mitel Collab Adv Web Only UP(1 USER)	Additional Feature	Mitel	54004621	\$ 400.00
MAS NPUM M'Box & Calldir5K(1user)	Additional Feature	Mitel	54004767	\$ 40.00
1 x 54001875 (EAMC) NPM IP - CALL DIR ADD USER (320)				
1 x 54004053 Nupoint Voice Mail Box (1 User)				
MAS NPM Misc App Port	Additional Feature	Mitel	54004961	\$ 400.00
HD Codec Upgrade License	Additional Feature	Mitel	54005475	\$ 300.00
Software Assurance and Support				
STD SWAS UCA DESKPHONE	Additional Feature	Mitel	54005201	\$ 11.00
STD SWAS UCA SOFTPHONE	Additional Feature	Mitel	54005202	\$ 8.00
STD SWAS NPM SPEECH PORT	Additional Feature	Mitel	54005209	\$ 110.00
STD SWAS MAS BASE	Additional Feature	Mitel	54005222	\$ 100.00
STD SWAS MAS NPM MAILBOX	Additional Feature	Mitel	54005223	\$ 3.50
STD SWAS MAS AWC AUDIO PORT	Additional Feature	Mitel	54005229	\$ 33.00
STD SWAS MAS AWC WEB PORT	Additional Feature	Mitel	54005230	\$ 17.00
STD SWAS 5000 CP BASE	Additional Feature	Mitel	54005233	\$ 400.00
STD SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005343	\$ 5.00
OEM - CommSource, DataNet Equipment				
MOD 8POS T-1 SURGE S2 VRMS CLAMP SC	Additional Component	Mitel	900.0507	\$ 60.00
PROTECTOR/TELCO 8 PAIR DTK-8P	Additional Component	Mitel	900.0525	\$ 113.00
8 OUTLET STRIP 6' CORD 1RJ11 IN 2	Additional Component	Mitel	901.0528	\$ 28.00
RACK SHELF 15" DEEP SNGL VNTD 3RMS	Additional Component	Mitel	901.2219	\$ 48.19
4 CHANNEL ANALOG(FXO) MG	Additional Component	Mitel	901.3924	\$ 412.00
SIP GATEWAY AFT400 4PT FXO	Additional Component	Mitel	901.5180	\$ 680.00
WALL MOUNT CPU SHELF, BLK.	Additional Component	Mitel	901.6683	\$ 61.00

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Item Description	Item Type	Manufacturer	Model	Cost
XTRA-CPCTY FLSH-MNTD WALL BRCKT 19	Additional Component	Mitel	903.6602	\$ 137.00
Professional Services - Implementation				
CUSTOM APPLICATIONS DEVELOPMENT	Additional Component	ET&T	E53000241T	\$ 233.00
CUSTOM APPLICATIONS INTEGRATION & TESTING	Additional Component	ET&T	E53000242T	\$ 233.00
CUSTOM APPLICATIONS TRAINING	Additional Component	ET&T	E53000243T	\$ 233.00
CUSTOM APPLICATIONS DOCUMENTATION	Additional Component	ET&T	E53000244T	\$ 233.00
IMPLEMENTATION & INTEGRATION	Additional Component	ET&T	E53000245T	\$ 210.00
TRAINING	Additional Component	ET&T	E53000246T	\$ 167.00
CUSTOM SERVICES	Additional Component	ET&T	E53000247T	\$ 1.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	E53000237T	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	E53000340T	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	E53000341T	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	E53000345T	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	E51301175T	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003165T	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003170T	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	E53003175T	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	E53003190T	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	E53003308T	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	E53000342T	\$ 1.00
Extended Warranty				
EXT WAR 5340 IP PHONE	Additional Feature	Mitel	50005071EW60	\$ 34.00
EXT WAR 5324 IP PHONE	Additional Feature	Mitel	50005664EW60	\$ 18.00
EXT WAR 5330 IP Phone (Backlit)	Additional Feature	Mitel	50005804EW60	\$ 27.00
EXT WAR 5312 IP PHONE	Additional Feature	Mitel	50005847EW60	\$ 15.00
EXT WAR 5360 IP PHONE	Additional Feature	Mitel	50005991EW60	\$ 43.00
EXT WAR 8528 Telephone (NA)	Additional Feature	Mitel	50006122EW60	\$ 17.00
EXT WAR 8568 Telephone (NA)	Additional Feature	Mitel	50006123EW60	\$ 24.00
EXT WAR 5320 IP Phone	Additional Feature	Mitel	50006191EW60	\$ 18.00
EXT WAR 5320E IP Phone	Additional Feature	Mitel	50006474EW60	\$ 23.00
EXT WAR 5330E IP Phone	Additional Feature	Mitel	50006476EW60	\$ 31.00
EXT WAR 5340E IP Phone	Additional Feature	Mitel	50006478EW60	\$ 38.00
EXT WAR 5304 IP Phone	Additional Feature	Mitel	51011571EW60	\$ 12.00

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Item Description	Item Type	Manufacturer	Model	Cost
EXT WAR TEN ASSEMBLY HX CONTROLLER	Additional Feature	Mitel	580.1003EW60	\$ 48.00
EXT WAR INTER-TEL EXAPANSION CARD	Additional Feature	Mitel	580.2020EW60	\$ 58.00
EXT WAR SLM CS-5200	Additional Feature	Mitel	580.2100EW60	\$ 22.00
EXT WAR QUAD LOOPSTART TRNK MD LSM4	Additional Feature	Mitel	580.2304EW60	\$ 20.00
EXT WAR PCBA DUAL T1/E1/PRI	Additional Feature	Mitel	580.2702EW60	\$ 48.00
EXT WAR MT5000 HX Processor Mdl (HPM)	Additional Feature	Mitel	580.3000EW60	\$ 48.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00
VARIOUS ITEMS ASSOCIATED WITH INSTALLING VOICE AND DATA NETWORKING EQUIPMENT:				
ET&T COMPETITIVE DISCOUNT	Additional Component	Various Manufacturers	ETT DISC	\$ (1.00)
CREDIT FOR CABLE REUSE	Additional Component	Various Manufacturers	CABLE CREDIT	\$ (20.00)
CAT5E CABLED VOICE OR DATA OUTLET UP TO 295 FEET	Additional Component	Various Manufacturers	94ETNCAT5E	\$ 289.00
MISCELLANEOUS HARDWARE	Additional Component	Various Manufacturers	65HDNMISCHD	\$ 1.00
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
6-OUTLET FACEPLATE FOR HUBBELL ELECTRIC IVORY	Additional Component	Various Manufacturers	60HBN78IP6	\$ 2.21
SURFACE MOUNTS DUPLEX	Additional Component	Various Manufacturers	60HBN8602I	\$ 6.49
SURFACE BOX 2/PORT	Additional Component	Various Manufacturers	60HBN8602TI	\$ 6.72
SURFACE HSING 2/PORT V&D	Additional Component	Various Manufacturers	60HBN8602TIVD	\$ 4.11
SURFACE MOUNT - 4 DATA OUTLETS	Additional Component	Various Manufacturers	60HBN8604I	\$ 6.48
HUBBELL SC DUPLEX COUPLING 6-PK	Additional Component	Various Manufacturers	60HBNFASCMPB6	\$ 92.09
FLUSH FACEPLATE DUPLEX FOR CAT	Additional Component	Various Manufacturers	60HBNFPL12I	\$ 2.48
DUPLEX FLUSH JACKS V/D LABELED	Additional Component	Various Manufacturers	60HBNFPL12IVD	\$ 2.38
FLUSH FACEPLATE 3-GANG OUTLET	Additional Component	Various Manufacturers	60HBNFPL13I	\$ 2.21
QUAD FACEPLATE FOR HUBBELL	Additional Component	Various Manufacturers	60HBNFPL14HI	\$ 2.38
2/PORT GRAY PLT RECT	Additional Component	Various Manufacturers	60HBNFSL244GY	\$ 2.43
Hubbell Dual Jack Frame	Additional Component	Various Manufacturers	60HBNFSL244OW	\$ 2.57
ADAPTER PANEL, BLANK FSP HUBBELL	Additional Component	Various Manufacturers	60HBNFSPB	\$ 9.67
ADAPTER PANEL, FIBER 6 DUPLEX SC ORANGE HUBBELL	Additional Component	Various Manufacturers	60HBNFSPSCD06	\$ 110.72
SURGACE MOUNT BOX WEATHERPROOF 1 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNH14XGY	\$ 75.12



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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 JACK WEATHERPROOF HUBBELL	Additional Component	Various Manufacturers	60HBNHI6	\$ 51.83
JACK PROTECTIVE CAP, CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNHIC	\$ 14.01
CAT 5E JACK, BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EB	\$ 7.26
CAT 5e JACK 568B BLACK	Additional Component	Various Manufacturers	60HBNHXJ5EBK	\$ 6.24
JACK,CAT 5E SPEEDGAIN WIRED 568B (GREEN FOR DATA) HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EGN	\$ 7.33
SPEEDGAIN XCELERATOR 5e JK OR	Additional Component	Various Manufacturers	60HBNHXJ5EOR	\$ 7.26
CAT 5 ORANGE DATA JACKS 25/PK HUBBELL VOICE JACK	Additional Component	Various Manufacturers	60HBNHXJ5EOR25	\$ 127.50
SPEEDGAIN 5e 568B JK IVORY	Additional Component	Various Manufacturers	60HBNHXJ5EOW	\$ 5.95
CAT 5E JACK, WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5ETI	\$ 7.26
CAT 6 JACKS WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EW	\$ 6.60
CAT 6 JACKS BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ60W	\$ 11.00
CAT 6 JACKS BLUE HUBBELL - 25 PK	Additional Component	Various Manufacturers	60HBNHXJ6B	\$ 11.00
CAT 6 JACK EI HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6B25PK	\$ 8.08
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6EI	\$ 9.83
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR	\$ 10.10
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR25	\$ 8.08
CAT 6 JACKS, TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6TI	\$ 10.30
USOC 6-POSITION JACK E.I.	Additional Component	Various Manufacturers	60HBNHXJUEI	\$ 4.59
USOC JACK 6-CONDUCTOR	Additional Component	Various Manufacturers	60HBNHXJUTI	\$ 5.70
JACK, VOICE RJ-25 USOC 6 CONDUCTOR WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJUW	\$ 5.75
1 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP110W	\$ 2.21
SINGLE FACEPLATE E.I.	Additional Component	Various Manufacturers	60HBNIFP11EI	\$ 2.45
FACE PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNIFP11TI	\$ 2.38
2 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNIFP120W	\$ 2.06
FACEPLATE 2/PORT E.I.	Additional Component	Various Manufacturers	60HBNIFP12EI	\$ 2.21
2 - PORT F.P. LABEL V&D	Additional Component	Various Manufacturers	60HBNIFP12IVD	\$ 2.53
DUPLEX FLUSH FACEPLATE BLANK	Additional Component	Various Manufacturers	60HBNIFP12TI	\$ 2.38
FACEPLATE, 2 PORT, SINGLE GANG WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP12W	\$ 2.45
SINGLE GANG TRIPLE JACK PLATE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP130W	\$ 2.45
FACE PLATE, FLUSH 3 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNIFP13EI	\$ 2.38
TRIPPLICATE FLUSH FACEPLATE BLK	Additional Component	Various Manufacturers	60HBNIFP13TI	\$ 2.38
4 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP140W	\$ 2.38
FACEPLATE, QUAD FLUSH TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14TI	\$ 2.45
FACEPLATE, SINGLE GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14W	\$ 2.30
FACEPLATE, 2 GANG 12 PORTS OFFICE WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP2120W	\$ 10.85
FACE PLATE 2 GANG (EI) ELECTRIC IVORY - 6 PORT	Additional Component	Various Manufacturers	60HBNIFP26EI	\$ 4.78
1.5 UNIT BLANK MODULE HUBBELL GRAY 5-PK	Additional Component	Various Manufacturers	60HBNIMB15GY	\$ 3.40
HUBBELL SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIMF10W	\$ 2.45

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
SINGLE GANG PLATE HUBBELL GRAY	Additional Component	Various Manufacturers	60HBNIMF1GY	\$ 2.82
2 JACK OUTLET FRAME HUBBELL	Additional Component	Various Manufacturers	60HBNISF20W	\$ 2.72
3 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNISF3OW	\$ 2.72
2 PORT SURFACE MOUNT BOX OFFICE WHITE	Additional Component	Various Manufacturers	60HBNISM20W	\$ 3.35
SURFACE MT HOUSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2EI	\$ 2.98
DUPLEX SURFACE HSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2TI	\$ 2.98
1-GANG 2H FACEPLATE HUBBELL	Additional Component	Various Manufacturers	60HBNMTP-12	\$ 2.04
FACEPLATE, 2 GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNNSP24W	\$ 2.33
HUBBELL MULTI MEDIA HOUSING	Additional Component	Various Manufacturers	60HBNOFPL	\$ 11.20
Patch Panel 16-PORT CAT 5e	Additional Component	Various Manufacturers	60HBNP.P.5-16	\$ 168.73
24 PORT PATCH PANEL CAT 5E	Additional Component	Various Manufacturers	60HBNP5E24B19E	\$ 161.50
PATCH PANEL 24 PT CAT5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E24U	\$ 161.50
48-PORT CAT 5E PATCH PANEL HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48B19E	\$ 344.42
Patch Panel 48-PORT CAT 5e ,WM,& BRKT	Additional Component	Various Manufacturers	60HBNP5E48BF	\$ -
PATCH PANEL 48 PT. CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48U	\$ 289.00
PATCH PANEL 24 PORT CAT 6 HUBBELL	Additional Component	Various Manufacturers	60HBNP624U	\$ 248.20
WALL PLATES-HUBBELL	Additional Component	Various Manufacturers	60HBNP630516	\$ 12.75
WALL PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNP630S1G	\$ 15.30
PATCH PANEL HUBBELL 48-PT CAT 6	Additional Component	Various Manufacturers	60HBNP648U	\$ 416.01
COVER & BASE, ADHESIVE LANTRAK HUBBELL	Additional Component	Various Manufacturers	60HBNPL1ABC7	\$ 3.25
REBOX CABINET 32X24X10 GRAY	Additional Component	Various Manufacturers	60HBNRE4	\$ 416.70
BLANKS, SNAP IN ELECTRIC IVORY 10/PK	Additional Component	Various Manufacturers	60HBNSFBE10	\$ 0.61
BLANK INSERTS, GRAY HUBBELL	Additional Component	Various Manufacturers	60HBNSFBG10	\$ 0.61
WHITE BLANK INSERTS (10-pk)	Additional Component	Various Manufacturers	60HBNSFBW10	\$ 0.63
F TYPE COAX COUPLER	Additional Component	Various Manufacturers	60HBNSFFGOW	\$ 4.85
COAX CONNECTORS F-TYPE HUBBELL WHITE	Additional Component	Various Manufacturers	60HBNSFFI	\$ 5.93
BLANK INSERTS FOR ISF F/PLATE	Additional Component	Various Manufacturers	60HBNSSB10	\$ 5.10
FACEPLATE, DUAL STAINLESS STEEL 1-G, 2 PORT W/ LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL12	\$ 16.24
FACEPLATE, STAINLESS STEEL, 1 GANG, 4 PORT W/LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL14	\$ 16.24
RACK, CHANNEL HUBBELL	Additional Component	Various Manufacturers	60HBNVC76	\$ 238.92
PATCH PANEL 12 PORT, CAT 6 VERTICAL ICC	Additional Component	Various Manufacturers	60ICNPP12V60	\$ 114.75
COMPRESSION TOOL, OMNISEAL EX IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN30703	\$ 171.77
Splitter Two Way Coax	Additional Component	Various Manufacturers	60IDN85-032	\$ 3.21
CONNECTORS, UNISEAL BNC IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN89058	\$ 4.81
3.5MM MALE TO 3.5MM MALE MONO-AUDIO CABLE 27"	Additional Component	Various Manufacturers	60JAN319206	\$ 1.85
WALL PLATE SG 1 PORT	Additional Component	Various Manufacturers	60LEN410801IP	\$ 1.84
BLANK INSERTS, LEVITON	Additional Component	Various Manufacturers	60LEN41084-BIB	\$ 0.26
SS WALL PHONE PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108W1SP	\$ 9.18

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
WALL PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108WOSP	\$ 10.20
DUAL GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290DMI	\$ 5.53
SINGLE GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290SMI	\$ 2.04
BLANK INSERTS 1 UNIT LEVITON	Additional Component	Various Manufacturers	60LEN412911BI	\$ 1.17
FLUSH ADAPTERS 1 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412911MI	\$ 1.02
FLUSH ADAPTERS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412912Q1	\$ 1.19
BLANK INSERTS 1.5" LEVITON	Additional Component	Various Manufacturers	60LEN412942BI	\$ 1.11
ANGLED ADAPTORS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412942Q1	\$ 1.28
LEVITON CAT 6 JACK WHITE	Additional Component	Various Manufacturers	60LEN61110ORW6	\$ 8.35
CAT 6 VOICE JACKS LEVITON	Additional Component	Various Manufacturers	60LEN61110R16	\$ 7.74
CAT 6 RJ45 JACKS GRAY LEVITON	Additional Component	Various Manufacturers	60LEN61110RG6	\$ 7.74
CAT 6 RJ45 JACKS BLUE LEVITON	Additional Component	Various Manufacturers	60LEN61110RL6	\$ 9.74
Leviton CAT 6 48 port patch panel	Additional Component	Various Manufacturers	60LEN69586U48	\$ 382.04
STAINLESS STEEL TYPE PLATES	Additional Component	Various Manufacturers	60LEN84013	\$ 1.84
WHITE DECO PLUS 6/PR OUTLET	Additional Component	Various Manufacturers	60LVN40756-BW	\$ 4.74
WHITE 2/PORT DECO PLUS O-LET	Additional Component	Various Manufacturers	60LVN40850-BW	\$ 4.74
CONNECTOR CRIMP ON RG6 QUAD LEVITON	Additional Component	Various Manufacturers	60LVN40985Q06	\$ 0.60
SPLICE INLINE FOR RG59U	Additional Component	Various Manufacturers	60LVN40986	\$ 0.36
BLANK INSERTS, (10-PK) GRAY SNAP IN MODULE LEVITON	Additional Component	Various Manufacturers	60LVN41084BGB	\$ 0.22
F-TYPE BULKHEAD MODULE	Additional Component	Various Manufacturers	60LVN41084FIF	\$ 2.04
SURFACE MT FIELD, 2 PORT	Additional Component	Various Manufacturers	60LVN410892IP	\$ 2.69
SIX POS / SIX COND JACK	Additional Component	Various Manufacturers	60LVN41106-R16	\$ 3.57
PWR SUM T568A/B 8P/8C JK	Additional Component	Various Manufacturers	60LVN41108RO5	\$ 5.29
WALLPLATE, STAINLESS STEEL LEVITON	Additional Component	Various Manufacturers	60LVN430801S2	\$ 7.57
5/PR CONN BLKS 110	Additional Component	Various Manufacturers	60LVN49105-IDC	\$ 8.50
COAX BULKHEAD PANEL LEVITON	Additional Component	Various Manufacturers	60LVN49255H48	\$ 85.00
32-PORT FIELD CONF PNL	Additional Component	Various Manufacturers	60LVN49255Q32	\$ 68.37
4 PT MOD FURN FACEPLATE W/WINDOW GRAY LEVITON	Additional Component	Various Manufacturers	60LVN49910HG4	\$ 4.76
QUAD INSERT FOR MOD. FURN.,GREY LEVITON	Additional Component	Various Manufacturers	60LVN49910SG4	\$ 3.81
GIGAMAX SNAP IN JK RED 5E	Additional Component	Various Manufacturers	60LVN5G108-RR5	\$ 6.10
CAT 5E BLUE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RL5	\$ 5.44
GIGAMAX SNP-IN JACK ORANGE	Additional Component	Various Manufacturers	60LVN5G108RO5	\$ 5.02
CAT 5E WHITE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RW5	\$ 5.44
PATCH PANEL CAT5E 48-PORT	Additional Component	Various Manufacturers	60LVN5G596U48	\$ 272.00
CONNECTOR, SNAP IN EXTREME CAT 6+ , IVORY WIRED 568B L	Additional Component	Various Manufacturers	60LVN61110R16	\$ 9.66
PATCH PANEL 24 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270-U24	\$ 204.00
PATCH PANEL 48 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270U48	\$ 382.04
CONNECTOR, SNAP IN EXTREME CAT 6+ WIRED 568 B LEVITON	Additional Component	Various Manufacturers	60LYN6110R16	\$ -

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Item Description	Item Type	Manufacturer	Model	Cost
HORIZONTAL CABLE MANAGEMENT MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPCD3645	\$ 260.63
VERTICAL MANAGEMEAENT 2"W X 3"D X 51RU MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPCP2351	\$ 150.16
HORIZONTAL CABLE MANAGER 2RU 3" DEEP MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPHCM23	\$ 40.39
WALL PLATES-PAINTED	Additional Component	Various Manufacturers	60MBN99477	\$ 1.87
WALL MOUNT BRACKET SX-200 ML/EL	Additional Component	Various Manufacturers	60MIN50000786	\$ 143.65
ORTRONICS WALL MOUNT EQUIP SHF	Additional Component	Various Manufacturers	60ORN60400006	\$ 108.80
WIRE MANAGEMENT PANEL 3.5 X 19 ORTRONICS	Additional Component	Various Manufacturers	60ORN6040005	\$ 68.00
MIGHTY MO RACK 6.5" CHANNEL ORTRONICS	Additional Component	Various Manufacturers	60ORN6040014	\$ 408.00
WALL MOUNT 48 FIBER PATCH ORTRONICS	Additional Component	Various Manufacturers	60ORN615SMFC	\$ 289.00
PANEL 6ST DUAL CER SM/MM ORTRONICS	Additional Component	Various Manufacturers	60ORN615ST6C	\$ 144.50
ST COUP PANEL MM METAL SL ORTRONICS	Additional Component	Various Manufacturers	60ORN615STDS	\$ 76.50
RACK MT 12 ST MTL RECESSE ORTRONICS	Additional Component	Various Manufacturers	60ORN62512PA	\$ 246.50
RACKMOUNT 12/ST CER RECESSE	Additional Component	Various Manufacturers	60ORN62512PB	\$ 306.00
WIRE MANANAGEMENT PANEL, FINGER DUCT 2 RMO, 3" HORIZO	Additional Component	Various Manufacturers	60ORN8080445	\$ 93.50
WIRE MGMNT 3.5 X 1.7	Additional Component	Various Manufacturers	60ORN8084759	\$ 48.96
HINGED BRACKET 24-PORT P.P.	Additional Component	Various Manufacturers	60ORNOR-60400	\$ 43.61
EQUIPMENT SHELF	Additional Component	Various Manufacturers	60ORNOR-60400405	\$ 85.87
PATCH PANEL PORT CAT 5E 24	Additional Component	Various Manufacturers	60ORNOR-PHD5E6U24	\$ 177.36
CAT 6 48 PT PATCH PANEL ORTRONICS	Additional Component	Various Manufacturers	60ORNPHD66U4	\$ 442.00
JACKS, MINI COM CAT 5E IVORY PANDUIT	Additional Component	Various Manufacturers	60PANCJ5E88T	\$ 8.67
Mini Com Cat5e Jacks Ivory	Additional Component	Various Manufacturers	60PANCJ5E88TGEI	\$ 8.67
PANDUIT VERTICAL WIRE MANAGEMENT	Additional Component	Various Manufacturers	60PANWMBV2	\$ 22.98
CASE FAN 3" OR 3.5" 8X8 PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCASEFAN	\$ 25.48
FN ONLY FOR P3 OR AMD PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCPUFAN	\$ 33.98
ATM CPU FAN PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNCPUFAN	\$ 33.98
FIBER OPTIC WALL MT SPLICE & TERM LOADED 12F UNIT CENT	Additional Component	Various Manufacturers	60PCNFUI2SC	\$ 533.73
FIBER OPTIC RACK MOUNT SPLICE & TERM LOADED UNIT AND A	Additional Component	Various Manufacturers	60PCNFTS12C	\$ 623.49
FIBER OPTIC RACK SPLICE & TERM LOADED UNIT AND ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35036	\$ 1,324.64
FIBER OPTIC WALL RACK MT SPLICE & TERM LOADED ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35048	\$ 1,627.21
ATM POWER SUPPLY FAN 80MM PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNPFSFAN	\$ 25.48
FAN OUT KIT PANDUIT	Additional Component	Various Manufacturers	60PDNBT2506	\$ 17.00
PANDUIT CAT 5E JACKS	Additional Component	Various Manufacturers	60PDNCJ588OR	\$ 8.04
CAT5E SHEILDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS5E88T	\$ 8.42
CAT 6 SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS688TG	\$ 14.52
D RING HORIZ. CABLE MGMT 19"X1.5"X3" BLK PANDUIT	Additional Component	Various Manufacturers	60PDNCMPHF1	\$ 37.77
FAN OUT KIT 12/FIBERS	Additional Component	Various Manufacturers	60PDNF012CB	\$ 49.86
FAN OUT KIT FOR 6/FIBERS	Additional Component	Various Manufacturers	60PDNF06CB	\$ 26.10
FIBER OPTIC DUPLEX ADAPTER PANELS 3 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP3WBUD	\$ 87.13

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Item Description	Item Type	Manufacturer	Model	Cost
3-PORT SC ADAPTER PANELS DPLX	Additional Component	Various Manufacturers	60PDNFAP3WDSC	\$ 73.44
FIBER OPTIC DUPLEX ADAPTER PANELS 6 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP6WBUD	\$ 174.25
6-PORT PANEL SC LOADED	Additional Component	Various Manufacturers	60PDNFAP6WDSC	\$ 147.63
RK MT 24/48 ENCLOSURE 1U	Additional Component	Various Manufacturers	60PDNFMD1	\$ 269.45
24 PORT FIBER OPTIC INTER CONNECT DRAWER	Additional Component	Various Manufacturers	60PDNFMD24	\$ 290.07
18/36 RACK MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME1	\$ 268.60
RK-MT FIBER ENCLOSURE 54/108	Additional Component	Various Manufacturers	60PDNFRME3	\$ 379.95
RACK MOUNT ENCLOSURE PANDUIT	Additional Component	Various Manufacturers	60PDNFRME4	\$ 456.23
48/96 PORT RACK MT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME48BL	\$ 297.59
72/144 PORT FIBER RM ENCLOSE	Additional Component	Various Manufacturers	60PDNFRME72BL	\$ 452.20
12/24 PORT FIBER OPTIC WALL ENC, PANDUIT	Additional Component	Various Manufacturers	60PDNFWME12BL	\$ 100.22
24/48 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME24EB	\$ 217.09
48/96 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME48BL	\$ 243.10
WIRE MGMNT PANEL (PANDUIT)	Additional Component	Various Manufacturers	60PDNWMP1	\$ 93.76
PANDUIT CABLE MANAGER COVER	Additional Component	Various Manufacturers	60PDNWMP1RFC	\$ 7.00
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 3'	Additional Component	Various Manufacturers	60PDNWMPF1E	\$ 70.41
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 1.5'	Additional Component	Various Manufacturers	60PDNWMPFSE	\$ 60.16
VERTICAL CABLE MGT 4X5 FRT/REAR 45RU PANDUIT	Additional Component	Various Manufacturers	60PDNWMPV45E	\$ 301.27
VERTICAL PANEL CENTER BRACKET	Additional Component	Various Manufacturers	60PDNWMPVCB	\$ 10.37
WIRE MANAGEMENT PANELS (S & C)	Additional Component	Various Manufacturers	60PDNWMPVF20	\$ 82.45
VERTICAL MANAGER, FRONT ONLY PANDUIT	Additional Component	Various Manufacturers	60PDNWMPVF45E	\$ 185.64
VERTICAL WIRE MANAGEMENT FR. & REAR	Additional Component	Various Manufacturers	60PDNWMPVHC45	\$ 376.31
VERTICAL WIRE MANAGEMENT (FRONT)	Additional Component	Various Manufacturers	60PDNWMPVHCF45	\$ 376.31
FACEPLATE, RG6 LOADED, COAX PICO/MACOM	Additional Component	Various Manufacturers	60PINWP811V	\$ 0.82
WALL JACK PLATE STAINLESS STEEL ALLEN TEL	Additional Component	Various Manufacturers	60PRNSE-630A4	\$ 5.63
SC CONNECTORS 62.5 MICRON (FIBER)	Additional Component	Various Manufacturers	60SCN95-00041	\$ 22.53
SC SM F.O. CONNECTORS EPOXY	Additional Component	Various Manufacturers	60SCN95-20008	\$ 13.89
SC UNICAM SM FIBER OPTIC CONN	Additional Component	Various Manufacturers	60SCN95-2041	\$ 25.93
CONNECTOR ST- MM UNICAM CORNING	Additional Component	Various Manufacturers	60SCN95000-50	\$ 14.35
CONNECTOR ST SM UNICAM SGL MD PC CORNING	Additional Component	Various Manufacturers	60SCN9520051	\$ 22.08
SPLICE ENCLOSURE KIT	Additional Component	Various Manufacturers	60SCNBB2128882	\$ 124.30
FAN OUT KIT FOR LT CBL 12-F BUFFER 25" FAN OUT TUBING	Additional Component	Various Manufacturers	60SCNBT2512	\$ 22.95
CORNING FIBER ENCLOSURE	Additional Component	Various Manufacturers	60SCNCCH-02U	\$ 339.47
ADAPTER PANEL 12 STRAND CORNING	Additional Component	Various Manufacturers	60SCNCCH-CPI2-91	\$ 71.40
CORNING FIBER ADAPTER	Additional Component	Various Manufacturers	60SCNCCHCP1215T	\$ 53.36
CORNING SM FIBER ADAPTER PANEL	Additional Component	Various Manufacturers	60SCNCHCP1259	\$ 98.60
CORNING FAN	Additional Component	Various Manufacturers	60SCNFNBT2512	\$ 18.67
CORNING INDUSTRIAL FIBER HOUSING	Additional Component	Various Manufacturers	60SCNICH02P	\$ 476.00

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Item Description	Item Type	Manufacturer	Model	Cost
SPLICE TRAY	Additional Component	Various Manufacturers	60SCNM67031M	\$ 58.11
PATCH PANEL,24 PORT, RG6 LOADED, COAX SEMTRON	Additional Component	Various Manufacturers	60SENJP10124	\$ 106.25
WALL BRACKET FOR 60SENJP10124, COAX SEMTRON	Additional Component	Various Manufacturers	60SENWMB1014	\$ 56.95
ADAPTER PANEL , FIBER SC-12 SIEMON	Additional Component	Various Manufacturers	60SINRICFSC12	\$ 96.39
100 PAIR BASE W/LEGS SIEMON	Additional Component	Various Manufacturers	60SINS110AA21	\$ 37.98
300 PR 110 BASE W/LEGS 5 PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AA23	\$ 115.60
300 PR 110 BASE W/LEGS 4PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AB23	\$ 104.48
CONNECTORS, 4 PR- 110	Additional Component	Various Manufacturers	60SINS110C-4	\$ 0.95
RACK MOUNT 110 BLOCK SIEMON	Additional Component	Various Manufacturers	60SINS110DA21	\$ 102.41
DIST RING METAL 13C	Additional Component	Various Manufacturers	60SINSI-4755	\$ 2.13
CAT 7 JACKS SIEMON	Additional Component	Various Manufacturers	60SINT7F011	\$ 21.61
CAT 7 PATCH PANEL, 24 PORT UNLOADED SIEMON	Additional Component	Various Manufacturers	60SINTMPNLZ	\$ 91.51
110 500 PAIR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110M500	\$ 346.80
S110 500/PR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110MA2	\$ 337.45
WALL BRACKET FOR P.P. (48-PORT)	Additional Component	Various Manufacturers	60SPN442-516	\$ 43.59
Patch Panel 24-PORT CAT5e	Additional Component	Various Manufacturers	60SPN449-257	\$ 146.95
Patch Panel 48-PORT CAT-5/5E	Additional Component	Various Manufacturers	60SPN449-258	\$ 396.10
Patch Panel 12-PORT CAT5/5e	Additional Component	Various Manufacturers	60SPN449-685	\$ 99.35
RJ48X ASSEMBLY / SMART JACK	Additional Component	Various Manufacturers	60SPNRJ48X	\$ 6.31
WIRE MGMT PANEL	Additional Component	Various Manufacturers	60SPNWM35-DS	\$ 57.46
6-CONDUCTOR SURFACE JACK IVORY	Additional Component	Various Manufacturers	60SUNSE625A-6	\$ 2.31
RJ-45X TELECOMM JACK / RJ-31X	Additional Component	Various Manufacturers	60SUNSE625A28	\$ 4.37
PE/PVC BLUE JACKET REELS SYSTIMAX	Additional Component	Various Manufacturers	60SYN1061	\$ 0.19
1 PORT MOD JACK CAT 5E ORANGE SYSTIMX	Additional Component	Various Manufacturers	60SYNMPS100E112	\$ 10.32
POLE HARDWARE	Additional Component	Various Manufacturers	60TVNPOLEHDW	\$ 1,600.77
TRENDENT 16 PORT DATA SWITCH W/ POE	Additional Component	Various Manufacturers	60TWNTPES88	\$ 380.80
CAT 6 SL 110 MOD JACK ALMOND TYCO	Additional Component	Various Manufacturers	60TYN13750551	\$ 10.35
CAT 6 SL 110 MOD JACK BLUE TYCO	Additional Component	Various Manufacturers	60TYN13750556	\$ 10.35
TBNC TO BNC, CABLE PLENUM 25' EXTRON	Additional Component	Various Manufacturers	60VSN2637804	\$ 176.80
WALL PLATE EXTRON	Additional Component	Various Manufacturers	60VSNWP180	\$ 255.00
110 TERMINATION BLOCK KIT ALLENTEL	Additional Component	Various Manufacturers	61ALN100C4KIT	\$ 44.74
5-PAIR CONN BLOCK 110 CAT5E NON-TERMINATED (COMES 100/	Additional Component	Various Manufacturers	61ATN10380125	\$ 1.09
PROJECTOR MOUNT, UNIVERSAL	Additional Component	Various Manufacturers	61CENRPAU	\$ 204.00
BRACKET, CABLE TRAY WALL 12" GRAY	Additional Component	Various Manufacturers	61CHN11421-112	\$ 28.90
B CONNECTORS SEALANT FILLED, BLUE	Additional Component	Various Manufacturers	61DONDC100S	\$ 0.14
WEATHERPROOF HOUSING W/SPRINGKIT ON DOOR	Additional Component	Various Manufacturers	61GAN255-14SP	\$ 277.10
CONNECTOR BLOCK KIT W/ BRACKETS & CLIPS	Additional Component	Various Manufacturers	61GBN100C5-KIT	\$ 40.92
110 BLOCK W/LEGS 100 PAIR ALLEN TEL	Additional Component	Various Manufacturers	61GBN110BK-100	\$ 22.39

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Item Description	Item Type	Manufacturer	Model	Cost
GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	61GBN3B1E	\$ 3.83
66 MODULAR X-CONN BLOCK W/16-6	Additional Component	Various Manufacturers	61HBNBR256066	\$ 204.00
EQUIPMENT RACK 7'X19" RACK MT. VERTICAL BLK HUBBELL	Additional Component	Various Manufacturers	61HBNCR1976	\$ 637.50
WALL BRACKET HINGED HUBBELL	Additional Component	Various Manufacturers	61HBNHPWWB4U8	\$ 104.87
COAX BARREL CONNECTOR	Additional Component	Various Manufacturers	61HODCOAXCBLFDC	\$ 6.36
HINGED COVER, FIBERGLASS TYPE 4X HOFFMAN	Additional Component	Various Manufacturers	61HOND16148	\$ 222.70
MOUNTING BRACKETS FOR CS5200/5400 BASE SYSTEM	Additional Component	Various Manufacturers	61INN823.1392	\$ 17.00
CAT 5E PRIMARY PROTECTOR, 4 PAIR	Additional Component	Various Manufacturers	61ITNCAT5-LAN	\$ 117.30
CABLE MGMNT HORIZONTAL	Additional Component	Various Manufacturers	61LVN41D1R-HCM	\$ 28.82
200PR RK MT 110 BLK W/ 5-PR-CON	Additional Component	Various Manufacturers	61LVN41DBR-2FS	\$ 139.83
300PR RK MT 110 BLK W/ 5-PR CON	Additional Component	Various Manufacturers	61LVN41DBR-3FS	\$ 200.60
BRACKET, PKM 48 LONG	Additional Component	Various Manufacturers	61MIN13280029	\$ 30.35
BIX DIST CONN CAT5 4/PR	Additional Component	Various Manufacturers	61NCNA0393146	\$ 9.06
GAS TUBE PROTECTOR DATA	Additional Component	Various Manufacturers	61PSN1504PX27	\$ 102.43
50 PAIR QUICK CLIP IN RJ21X 9 (GAS TUBES/W/66 IN AND FRJ (RJ2	Additional Component	Various Manufacturers	61PSN2405066F	\$ 450.50
100 PR PROTECTOR, MODULES INCLUDED W/ COVER PORTA SY	Additional Component	Various Manufacturers	61PSN2510066	\$ 799.34
25/GAS TUBE PROTECTOR W/BLOCK	Additional Component	Various Manufacturers	61PSN58IP-225	\$ 247.81
DELTA PROTECTOR MODULE-230V	Additional Component	Various Manufacturers	61PSN95BCDXN230	\$ 2.52
HINGED COVER ORANGE 66-BLOCK	Additional Component	Various Manufacturers	61PTNPSH66MO	\$ 1.67
B-CONNECTOR	Additional Component	Various Manufacturers	61RENRB-1000	\$ 0.09
CONNECTOR BLOCK FOR 66	Additional Component	Various Manufacturers	61SEN66B4-25	\$ 42.72
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
PROJECTOR BRACKET, RPAU UNIVERSAL	Additional Component	Various Manufacturers	61UNNRPAU	\$ 204.00
24-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62-CA-N/024KSA20	\$ 3.06
48-STRAND ID/OD FOC mm 62.5/125	Additional Component	Various Manufacturers	62-CA-N/048KWA20	\$ 5.36
Cable 12 PR/24 GUAGE FIG '8' O/H (1/4" MESSENGER)	Additional Component	Various Manufacturers	62ALN12/24O/H	\$ 1.11
Cable FIG '8' O.H.	Additional Component	Various Manufacturers	62ALN6/24 O/H	\$ 0.99
CABLE, 12 PR OUTSIDE/OVERHEAD 24-12 EXCHANGE CABLE PE	Additional Component	Various Manufacturers	62ALNE001224	\$ 0.82
VIDEO/POWER CABLE 100' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL100P	\$ 32.28
VIDEO/POWER CABLE 50' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL50PV	\$ 23.78

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Cable 50 PAIR, 24G UNDERGROUND	Additional Component	Various Manufacturers	62ATN50/24UG	\$ 2.57
Cable DATATWIST 350MHZ CAT5E BLUE	Additional Component	Various Manufacturers	62BDN1700A-B	\$ 0.13
Cable DATATWIST 350MHZ CAT5E WHITE	Additional Component	Various Manufacturers	62BDN1700A-W	\$ 0.13
RG11 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN3094A	\$ 0.62
RG6 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN7916A	\$ 0.16
RG 6 COAX NON-PLENUM	Additional Component	Various Manufacturers	62BDN9116	\$ 0.10
RG6 CO-AXIAL CABLE (Non-Plenum)	Additional Component	Various Manufacturers	62BDNRG6	\$ 0.22
CAT 5e 4PR NON-PLENUM - BLUE BERK-TEK	Additional Component	Various Manufacturers	62BEN10032426	\$ 0.13
CAT 5E 4 PR NON-PLENUM - GRAY BERK-TEK	Additional Component	Various Manufacturers	62BEN10032447	\$ 0.13
Cable 18/2 Twisted Shielded Plenum BE	Additional Component	Various Manufacturers	62BEN887600021000	\$ 0.68
FIBER OPTIC CABLE 6 STRAND MM PLENUM ARMOR BERK-TEK	Additional Component	Various Manufacturers	62BENMIPJ6DN	\$ 2.57
Cable RG/59U Plenum BE	Additional Component	Various Manufacturers	62BENR659UP	\$ 0.48
Cable RG/6U Quad Shield Plenum BE	Additional Component	Various Manufacturers	62BENRG6UPTQ	\$ 0.72
EHS STEEL STRAND 1/4" (5/M FT ROLLS)	Additional Component	Various Manufacturers	62BHNEHS14US	\$ 0.27
CABLE KIT, 10' - WHITE BOGEN	Additional Component	Various Manufacturers	62BONCK10W	\$ 15.30
MESSANGER CABLE 1/4 " strand	Additional Component	Various Manufacturers	62BRN1/4	\$ 0.32
Cable CROSS CONNECT WIRE	Additional Component	Various Manufacturers	62BRN1/PR	\$ 0.05
CAT 5E 5' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-005	\$ 4.17
CAT 5E 10' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-010	\$ 5.87
CAT 6 2000 BLUE, BERK-TEK LANMARK	Additional Component	Various Manufacturers	62BTN10064547	\$ 0.88
F.O.C. 6/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX06055D	\$ 0.51
F.O.C. 12/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX12065D	\$ 0.88
Cable 6-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-006	\$ 1.02
Cable 12-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-012	\$ 0.70
Cable 24-STRAND H.DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-024	\$ 1.84
Cable 48-STRAND H.DUTY RISE sm	Additional Component	Various Manufacturers	62BTNLTR-048	\$ 2.47
FIBER 6 STRAND, 62.5, MULTI MODE, I/O	Additional Component	Various Manufacturers	62BTNLTR006CB3510/25-BT	\$ 0.99
Cable 6/STRAND FOC mm W/ARMORED	Additional Component	Various Manufacturers	62BTNOPA-006	\$ 1.43
Cable 6-STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-006	\$ 0.55
Cable 24 STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-024	\$ 3.71
6 STRAND SINGLE MODE PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR006AB1010	\$ 0.38
12 STRAND 50 MICRON MM PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR012LB351575	\$ 1.53
BURNDY MECHANICAL LUGS	Additional Component	Various Manufacturers	62BUNKA2U	\$ 1.31
12-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62CAN012KSA20	\$ 2.47
GROUND WIRE, INSULATED, GREEN JACKET	Additional Component	Various Manufacturers	62CAN6AWG	\$ 0.40
CARLON 1 IN. PLENUM INNERDUCT	Additional Component	Various Manufacturers	62CANC4X1C-1000	\$ 2.67
PLENUM 1" INNERDUCT ORANGE CARLON	Additional Component	Various Manufacturers	62CANC4X1C-500	\$ 2.67
PLENUM 1" ORANGE W TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANC4X1C-8000	\$ 2.86



# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
1" RISER PVC ORG. TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANDF4X1C-9400	\$ 1.14
COAX CABLE PARAMTR 111 75 SER COMPND	Additional Component	Various Manufacturers	62CMNP3875J	\$ 1.79
Corning 6 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN006R8F31131-29	\$ 0.88
Corning 12 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN012R8F31131-29	\$ 1.19
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048KW4-74130A20	\$ 6.55
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048RW4-74101A20	\$ 1.09
6-STRAND sm IN-OUT F.O.C.	Additional Component	Various Manufacturers	62CNN373-COR8.3LTD-06	\$ 0.34
CORNING INTERLOCKING ARMOR PLENUM	Additional Component	Various Manufacturers	62CON006K8831130A3	\$ 2.64
Fiber Freedom 6 strand MM	Additional Component	Various Manufacturers	62CON006K8F-31130-29	\$ 1.68
6 STRAND 62.5/125 LT DUCT/AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON006KW4	\$ 1.02
CORNING 6 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON006TU4	\$ 105.40
FIBER 12 STRAND SM MIC CORNING	Additional Component	Various Manufacturers	62CON012E88	\$ 1.14
CABLE, FIBER OPTIC 12/STRAND 8.3/125 LT. DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON012EUC	\$ 0.77
12 STRAND FIBER OPTIC CABLE ARMORED PLENUM MM	Additional Component	Various Manufacturers	62CON012K88	\$ 3.83
12-STRAND 62.5/125 LT DUCT/AERIAL ALTOS GEL FREE	Additional Component	Various Manufacturers	62CON012KW4	\$ 1.79
12 STRAND FIBER OPTIC CABLE FIG "8" ARIEL MM	Additional Component	Various Manufacturers	62CON012KWA	\$ 2.11
12 STRAND FIBER OPTIC CABLE ARMORED	Additional Component	Various Manufacturers	62CON012KWC	\$ 1.90
CORNING 12 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON012TU4	\$ 1.50
FIBER 24 STRAND MM MIC CORNING	Additional Component	Various Manufacturers	62CON024K88	\$ 4.42
24 STRAND 62.5/125 LT. DUCT/ AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON024KW4	\$ 3.23
CORNING 24 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON024TU4	\$ 2.77
CABLE, FIBER OPTIC 48/STRAND 8.3/125 LT.DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON048EUC	\$ 1.29
Fiber Optic Cable 48/Strand mm Indoor // Outdoor Lt. Duct Aerial	Additional Component	Various Manufacturers	62CON048TU4	\$ 6.21
COAX RG6 PLENUM COMM/SCOPE WHITE ( 1/M)	Additional Component	Various Manufacturers	62CON2227V	\$ 0.83
CABLE, ARMORED PLENUM 6-F 62.5/125 CORNING	Additional Component	Various Manufacturers	62CON370406A	\$ 2.79
FIBER OPTIC CABLE 12 STRAND ARMoured PLENUM 50 MICRON	Additional Component	Various Manufacturers	62CON370COR0M2	\$ 3.66
CABLE 6 STRAND FOC MM W/ ARMORED	Additional Component	Various Manufacturers	62CON372625	\$ 1.22
CABLE, FIBER OPTIC ARMOR MM(MULTIMODE) 24 STRAND INDOOR	Additional Component	Various Manufacturers	62CONMIPJ24D	\$ 6.68
CABLE RG6 QUAD SHIELD COAX NON-PLENUM	Additional Component	Various Manufacturers	62CONRG6NP	\$ 0.16
FIBER OPTIC CABLE, SINGLE MODE 6 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN006EUE	\$ 0.92
FIBER OPTIC CABLE 6 STRAND MM INTERLOCKING ARMOR CORNING	Additional Component	Various Manufacturers	62CRN006K813	\$ 1.87
Fiber Optic Cable 6/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN006TU4-T4131D20	\$ 0.88
Single Mode Fiber Optic Cable 12/Strand Gel Free Enhanced Jacket	Additional Component	Various Manufacturers	62CRN012EUE	\$ 1.46
FIBER OPTIC CABLE, SINGLE MODE 12 STRAND GEL FREE CORNING	Additional Component	Various Manufacturers	62CRN012EVC	\$ 0.65
MM 12-STRAND FREEDM IN/OUT	Additional Component	Various Manufacturers	62CRN012KSFMM	\$ 1.87
12-STRAND mm I/O FREEDOM FOC	Additional Component	Various Manufacturers	62CRN012MMFIO	\$ 2.01
Fiber Optic Cable 12/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN012TU4-T4131D20	\$ 1.43
CABLE, FIBER OPTIC 24 STRAND SM LT. DUCT/AERIAL CORNING	Additional Component	Various Manufacturers	62CRN024EU4	\$ 0.58

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Fiber Optic Cable 24/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN024TU4-T4131D20	\$ 2.77
FIBER OPTIC CABLE,SINGLE MODE 36 STRAND GEL FREE ENHANC	Additional Component	Various Manufacturers	62CRN036EUE	\$ 1.72
6/STRAND mm PLENUM RISER	Additional Component	Various Manufacturers	62CRN370-949-FDDI-06	\$ 1.12
6 STRAND MM FIBER CABLE 62.5 I/O	Additional Component	Various Manufacturers	62CRN625LTD06	\$ 1.02
FIBER OPTIC 6 STRAND MM FIG. "8" AERIAL CORNING	Additional Component	Various Manufacturers	62CRNLTFIG806	\$ 1.39
12" CABLE RUNWAY - GRAY	Additional Component	Various Manufacturers	62CWN10250-112	\$ 93.50
CABLE TRAY 15" CHATSWORTH	Additional Component	Various Manufacturers	62CWN10250115	\$ 123.42
Cable ENGЕНИUS EXT-ANTENNA W/60	Additional Component	Various Manufacturers	62EGNSNULAK20	\$ 225.51
INNERDUCT 1" OSP HDPE ORG WPP ROPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNICE100	\$ 0.37
INNERDUCT 1" PLENUM WHT W/TAPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNIPR1	\$ 2.45
Cable 150 PAIR TELEPHONE	Additional Component	Various Manufacturers	62ETN150PR	\$ 2.13
CABLE VGA 75' MALE - MALE 15 PIN EXTRON	Additional Component	Various Manufacturers	62EXN2623819	\$ 180.20
PRETERMINATED BNC CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2626016	\$ 247.35
PRETERMINATED M-M S-VIDEO CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2631606	\$ 61.20
Cable 14/2 Plenum GC	Additional Component	Various Manufacturers	62GCN31284186	\$ 0.28
Cable 18/4 Plenum GC	Additional Component	Various Manufacturers	62GCN4C18CMP	\$ 0.21
Cable 18/2 Plenum GC	Additional Component	Various Manufacturers	62GCNC31124186	\$ 0.13
DOOR SECURITY CABLE 18G/6C SHLD PLENUM	Additional Component	Various Manufacturers	62GCNHOU1806SCMP	\$ 0.65
CABLE 300 PAIR, UNDERGROUND, GENERAL	Additional Component	Various Manufacturers	62GENDB300P	\$ 10.86
CAT5+PLENUM 350 MHZ	Additional Component	Various Manufacturers	62GRB5224148	\$ 0.30
PULL ROPE 3/8" X 600' REEL IDEAL	Additional Component	Various Manufacturers	62IDN31845	\$ 0.40
1/PAIR X-CONNECT ORANGE	Additional Component	Various Manufacturers	62INN900.9045OR	\$ -
1/PAIR X-CONNECT RED/WHITE	Additional Component	Various Manufacturers	62INN900.9045RD	\$ 0.02
1/PAIR X-CONNECT YELLOW/BLUE	Additional Component	Various Manufacturers	62INN900.9045YL/BL	\$ 0.02
Cat 5E 100MHZ Blue	Additional Component	Various Manufacturers	62INN902.9001	\$ 0.00
Cat 5E100 MHZPlenum White	Additional Component	Various Manufacturers	62INN902.9001WH	\$ 0.00
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
Cable RG-59U CO-AX	Additional Component	Various Manufacturers	62KWNRG-59U	\$ 0.19
CABLE 2287K COMMSCOPE	Additional Component	Various Manufacturers	62KWNRG112287K	\$ 2.13
LEVITON 300 PR 110 BLOCK KIT	Additional Component	Various Manufacturers	62LEN41AB2-3FT	\$ 83.30

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Item Description	Item Type	Manufacturer	Model	Cost
100 PR 110 BLOCK KIT W/ C-5'S	Additional Component	Various Manufacturers	62LEN41AB21F5	\$ 34.00
LEVITON CAT 6 96 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-1F4	\$ 59.50
LEVITON CAT 6 288 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-3F4	\$ 156.40
Cable GROUND WIRE SOLID #10 GREEN	Additional Component	Various Manufacturers	62LFN#10	\$ 0.15
Cable MEGALAN OUTSIDE CAT5e	Additional Component	Various Manufacturers	62MHN5EX0424	\$ 0.48
MOHAWK CAT 6 BLUE PLENUM CABLE	Additional Component	Various Manufacturers	62MON6P4P24	\$ 0.59
CAT 3 50 PR. PLENUM MOHAWK OR BERK-TEK	Additional Component	Various Manufacturers	62MONM56126	\$ 2.38
GROUND CLAMP FOR WATER PIPE CROUSE-HIND	Additional Component	Various Manufacturers	62MWN141DC	\$ 1.80
CABLE, AUDIO 75'	Additional Component	Various Manufacturers	62NON2002PP75	\$ 113.90
AUDIO CABLE 75'	Additional Component	Various Manufacturers	62NON2P2P75	\$ 115.60
CABLE, VIDEO 75'	Additional Component	Various Manufacturers	62NONPPCV75	\$ 108.80
ARMOR, INTERLOCKING 12 FIBER PLENUM 62.5/125 OPTICAL	Additional Component	Various Manufacturers	62OPNDX12060KW900	\$ 4.42
G-PURPOSE I/D ORNGE, W/PULL	Additional Component	Various Manufacturers	62PMNGP-125T	\$ 1.12
PLENUM 1.25" DIAMETER INNERDUCT W/PULL TAPE - WHITE	Additional Component	Various Manufacturers	62PMNPLM125T	\$ 4.00
TELCO CLUSTER BAR 12 RJ-11 USOC 4-PR	Additional Component	Various Manufacturers	62PRNFM030	\$ -
PVC CONDUIT- COMES IN 10' PCS.	Additional Component	Various Manufacturers	62PVCCON2	\$ 0.80
CABLE STANDS	Additional Component	Various Manufacturers	62RAN11455	\$ 117.50
AUDIO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCN2PP25P	\$ 102.00
VIDEO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCNCV25HRP	\$ 68.00
62.5/125 MICRON TB RISER MM FIBER CORNING	Additional Component	Various Manufacturers	62SCN012K81	\$ 1.68
ENDOCORE 1" PVC INNERDUCT	Additional Component	Various Manufacturers	62SCNICE100	\$ 0.31
200 PR SEALPIC DIRECT BURIAL CABLE PE-89	Additional Component	Various Manufacturers	62SEN200PRDBC	\$ 3.49
CAT 3 25 PR	Additional Component	Various Manufacturers	62SEN25PRP24	\$ 0.88
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340026G01	\$ 0.34
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340029101	\$ 0.24
24 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440246G01	\$ 3.83
24 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440249101	\$ 2.38
Cable Cat 5E Plenum 100MHZ SE Blue	Additional Component	Various Manufacturers	62SEN5124128	\$ 0.31
Cable Cat 5E Plenum 100MHZ SE Gray	Additional Component	Various Manufacturers	62SEN5124138	\$ 0.23
CAT 5E 25PR 24GA PLENUM	Additional Component	Various Manufacturers	62sen5147848	\$ 5.36
CAT5E 25 PAIR	Additional Component	Various Manufacturers	62SEN5147848NFR	\$ 5.92
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
CABLE 100 TO 400 MHZ BLUE	Additional Component	Various Manufacturers	62STN1-4B	\$ 0.30
CABLE 100 TO 400 MHZ WHITE	Additional Component	Various Manufacturers	62STN1-4W	\$ 0.30
25 PR .24GA EXCHANGE CABLE PE 22 AIRCORE SUPERIOR	Additional Component	Various Manufacturers	62SUNE002524	\$ 1.00
Cable 12/PAIR .24GA O/H FIG-8	Additional Component	Various Manufacturers	62TSN12/24-OH	\$ 0.82
Cable 12/PAIR 24GA UNDERGRND	Additional Component	Various Manufacturers	62TSN12/24-UG	\$ 0.31
SPKR WIRE 2/PR 1/PR SHLDED	Additional Component	Various Manufacturers	62WPN253757B	\$ 0.22
Cable - 2pr 1pr shielded - White speaker	Additional Component	Various Manufacturers	62wpn357	\$ 0.18
FIRESTOP WATERBASE CAULK 5-GL	Additional Component	Various Manufacturers	633MNCP25WB	\$ 375.00
FIRESTOP (TUBED)	Additional Component	Various Manufacturers	633MNCP25WB&CAULK	\$ 14.21
MOLDABLE PUTTY STICKS (FIRESTOP) 1.5" X 11" 3M	Additional Component	Various Manufacturers	633MNMP+	\$ 19.70
CLAMP 1 1/4 STRAP T-20	Additional Component	Various Manufacturers	63ABN9000200	\$ 0.29
D RINGS 8" CUT ALLENTEL	Additional Component	Various Manufacturers	63ALNGB10C	\$ 2.81
D RINGS 8" ALLENTEL	Additional Component	Various Manufacturers	63ALNGB13C	\$ 2.30
UNICAM INSTALLATION TOOL	Additional Component	Various Manufacturers	63ANNTLUCO1	\$ 561.00
WALL MOUNT CABINET 8U	Additional Component	Various Manufacturers	63BBNRM2412A	\$ 484.50
GROUND ROD CLAMP 5/8	Additional Component	Various Manufacturers	63BCNGRC58	\$ 5.05
CONDUIT HANGER WITH BOLT 3 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN7B	\$ 1.22
CONDUIT HANGER WITH BOLT 4 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN9B	\$ 3.49
BRIDLE RING 2-INCH	Additional Component	Various Manufacturers	63CFN4BRT32	\$ 1.29

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CLAMPS - CONDUIT 1 1/4"	Additional Component	Various Manufacturers	63CFN6H2.5B	\$ 0.51
CLAMPS - CONDUIT 2" THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H5B	\$ 0.78
3" PIPE HANGER W/ NUT BOLT THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H7B	\$ 1.23
CLAMPS - BEAM	Additional Component	Various Manufacturers	63CFNBC260025EG	\$ 1.11
CLIP CABLE SUPPORT 1/8-1/2 FLNG	Additional Component	Various Manufacturers	63CFNCAT21BC	\$ 0.61
J - HOOKS 2"	Additional Component	Various Manufacturers	63CFNCAT32	\$ 4.08
CABLE HANGER ASSEMBLY	Additional Component	Various Manufacturers	63CFNCAT425	\$ 18.45
BUS BAR BICSI TMG 1/4 IN X 2 CHATSWORTH	Additional Component	Various Manufacturers	63CHN1362201	\$ 110.42
CISCO AIRONET 1300 ROOF MOUNT KIT	Additional Component	Various Manufacturers	63CIN1300KIT	\$ 273.70
CISCO AIRONET 1310 OUTDOOR ACCESS POINT/BRIDGE	Additional Component	Various Manufacturers	63CIN1310	\$ 1,303.90
PROTECTION PANEL CIRCA 100 PR	Additional Component	Various Manufacturers	63CIN1890ECT1	\$ 527.00
CISCO 2821 SECURITY BUNDLE ROUTER 2U IOS ADV MITEL DA	Additional Component	Various Manufacturers	63CIN2821	\$ 5,630.40
CISCO CATALYST 2960G 48 PORT GIGABIT MITEL DATANET	Additional Component	Various Manufacturers	63CIN2960G48	\$ 5,518.20
CISCO 3550 24 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550	\$ 3,357.50
CISCO 3550 48 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550-48	\$ 5,355.00
Cisco Catalyst 3560-24PS SMI PoE	Additional Component	Various Manufacturers	63CIN3560-24PS	\$ 4,332.28
48 PORT 3560 SWITCH CISCO	Additional Component	Various Manufacturers	63CIN3560-48	\$ 6,174.40
CISCO CATALYST 3560-24PS	Additional Component	Various Manufacturers	63CIN356024PS	\$ 3,950.80
SWITCH , ETHERNET 48 PORT POE CISCO	Additional Component	Various Manufacturers	63CIN3750G	\$ 16,660.00
MODULE, EXPANSION CISCO GIGABIT ETHERNET 4 PORTS	Additional Component	Various Manufacturers	63CIN51202941	\$ 637.50
SWITCH, 300 SERIES, MANAGED SG 300 - 10P CISCO	Additional Component	Various Manufacturers	63CIN51204519	\$ 603.50
AIRONET 1130AG SERIES WAP CISCO	Additional Component	Various Manufacturers	63CINAIRAP11	\$ 731.00
12 SWITCH CISCO	Additional Component	Various Manufacturers	63CINC295012	\$ 1,003.00
CISCO SMARTNET 8X5XNBD-SMS-1	Additional Component	Various Manufacturers	63CINCONSNTSMS	\$ 1.45
GBIC TRANSCEIVER MODULE, 1000BASE-LX 1000BASE-LH PLUG II	Additional Component	Various Manufacturers	63CING5486	\$ 1,202.85
GBIC, MINI SFP TRANSCEIVER MODULE, 1000 BASE-LZ, 1000 BASE	Additional Component	Various Manufacturers	63CINGLCLHSM	\$ 1,020.00
GBIC 100 BASE-SX	Additional Component	Various Manufacturers	63CINGLCSXMM	\$ 382.50
LINKSYS TRANSC MOD SFP GB EN CISCO	Additional Component	Various Manufacturers	63CINMGBSX1	\$ 214.20
FLEX PVC 1 1/2 L/T 4T (PER/FT) CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLN1501010	\$ 2.99
FLEXCONN, 1 1/2 STR L/T CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLNLT43H	\$ 29.04
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CON2CZYLSIC	\$ 0.31
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CONMPN2CZLORBER	\$ 0.44
ROPE 3/16" X 1000 CONDUIT FISH LINE	Additional Component	Various Manufacturers	63CRN02398	\$ 52.70
ANCHOR KIT - CONCRETE CHATSWORTH	Additional Component	Various Manufacturers	63CWN40604003	\$ 14.40
DRIVE RINGS 1 1/4 INCH	Additional Component	Various Manufacturers	63DMN30-00807	\$ 0.53
SCREW,V4 X 1 RND HEAD DOTPIC	Additional Component	Various Manufacturers	63DON1/4SCREW	\$ 0.18
WASHER, 1/4 X 1 WASHER DOTPIC	Additional Component	Various Manufacturers	63DON1/4WASHER	\$ 0.12
CONDUIT CLIP 1/2-3/4	Additional Component	Various Manufacturers	63ECN812M	\$ 0.33

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Item Description	Item Type	Manufacturer	Model	Cost
FLEX LIQ TIGHT CONDUIT	Additional Component	Various Manufacturers	63EFNEF11-GRY	\$ 0.73
DC EMT SET-SCREW CONN 4-INCH	Additional Component	Various Manufacturers	63EPN239-DC2	\$ 4.63
PLASTIC INSUL BUSHING 4-INCH	Additional Component	Various Manufacturers	63EPN330	\$ 4.63
J - HOOK ASSEMBLED TO HAMMER ON FLANGE ERICO	Additional Component	Various Manufacturers	63ERNCAT2124	\$ 4.73
J - HOOK ASSEMBLED W/ BEAM CLAMP ERICO	Additional Component	Various Manufacturers	63ERNCAT32BC	\$ 6.10
COPPERBND GRND ROD 5/8X8	Additional Component	Various Manufacturers	63ETN615880	\$ 11.00
66 / 110 TERMINATION BLADE FLUKE NETWORKS	Additional Component	Various Manufacturers	63FLN0178600	\$ 45.80
66 BLADE / DULL FLUKE NETWORKS, INC.	Additional Component	Various Manufacturers	63FLN10056000	\$ 29.60
JUNCTION BOX (2 PC)	Additional Component	Various Manufacturers	63GBN3510IW-A	\$ 6.66
WIREMOLD FLUSH DUAL FACEPLATE	Additional Component	Various Manufacturers	63GBN5507FRJ	\$ 4.10
WIREMOLD BUSHING	Additional Component	Various Manufacturers	63GBN702	\$ 0.43
BLACK RUBBER FLOOR GUARD	Additional Component	Various Manufacturers	63GBNBK1400-10	\$ 2.41
HOOK, DRIVE 4 3/4"	Additional Component	Various Manufacturers	63GBNC2050190	\$ 1.50
C5 CLIPS (GOES ON 110 BLOCK)	Additional Component	Various Manufacturers	63GBNGB110-C5	\$ 7.65
A-B-SWITCH	Additional Component	Various Manufacturers	63GBNGB477	\$ 17.00
SCREWS 8 X 3/4 PAN HD TAPPING	Additional Component	Various Manufacturers	63GBNJTS20	\$ 0.05
CAT 6 RJ45 TO 110 CORD	Additional Component	Various Manufacturers	63GBNRJ45	\$ 27.20
WIREMOLD STEEL BOX	Additional Component	Various Manufacturers	63GBNV5744	\$ 22.10
WIREMOLD STEEL BOX -2 1/4 " DEEP	Additional Component	Various Manufacturers	63GBNV5744S	\$ 18.67
WIREMOLD STEEL RACEWAY	Additional Component	Various Manufacturers	63GBNV700	\$ 1.70
WIREMOLD MOUNTING STRAP	Additional Component	Various Manufacturers	63GBNV704	\$ 0.54
WIREMOLD CONNECTION COVER	Additional Component	Various Manufacturers	63GBNV706	\$ 0.58
WIREMOLD FLAT ELBOW	Additional Component	Various Manufacturers	63GBNV711	\$ 1.96
WIREMOLD INTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV717	\$ 2.55
WIREMOLD EXTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV718	\$ 2.38
F CONNECTORS FOR PVC RG6 COAX	Additional Component	Various Manufacturers	63GINGF6AHS	\$ 0.63
TONE TEST SET GENERATOR W/mOD CORD & CLIPS GREENLEE	Additional Component	Various Manufacturers	63GRN166855	\$ 56.10
SQUARE COVER 4" FOR SINGLE DEVICE	Additional Component	Various Manufacturers	63GRN52CO	\$ 1.02
FISH RODS / STICKS GREENLEE	Additional Component	Various Manufacturers	63GRN54015	\$ 74.58
FLEX LIQUID TIGHT CONDUIT 3/4	Additional Component	Various Manufacturers	63GRNEF12GRY3/4	\$ 0.77
CONDUIT STRAP 3/4 1H STL	Additional Component	Various Manufacturers	63GRNHS102	\$ 0.37
2" STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN2EMT	\$ 2.41
ELBOW, 90 DEGREE 2"	Additional Component	Various Manufacturers	63GVN2EMTELL	\$ 7.29
3 " STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN3EMT	\$ 4.78
ELBOW, 90 DEGREE 3"	Additional Component	Various Manufacturers	63GVN3EMTELL	\$ 26.49
RENTAL OF 1000' FISHTAPE	Additional Component	Various Manufacturers	63HANFISHTAPE	\$ 255.00
CUBICLE JACK HOUSING PLATE	Additional Component	Various Manufacturers	63HBNHMR-BBK	\$ 3.13
BEZEL FOR FLOOR BOXES, GRAY - KIT (10-PK)	Additional Component	Various Manufacturers	63HBNHWM2KGY10	\$ 15.62

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Item Description	Item Type	Manufacturer	Model	Cost
CEILING FITTING HUBBELL	Additional Component	Various Manufacturers	63HBNMT134CF	\$ 4.35
1 GANG BOX STANDARD MT3 HUBBELL	Additional Component	Various Manufacturers	63HBNMT345BA	\$ 5.20
MEDIA TRACK 3 7' HUBBELL	Additional Component	Various Manufacturers	63HBNMT3ABC7	\$ 1.70
1 GANG STD BOX 1.78IN D HUBBELL	Additional Component	Various Manufacturers	63HBNMT678SB	\$ 6.05
CONDUIT ADAPTERS	Additional Component	Various Manufacturers	63HBNMT67CACF	\$ 5.41
MEDIA TRACK 6 (RACEWAY) 7' LENGTH	Additional Component	Various Manufacturers	63HBNMT6ABC7	\$ 2.13
BASE AND COVER W/ ADHESIVE 7 FT MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8ABC7	\$ 27.81
FITTING END CAP MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EC	\$ 1.70
ELBOW FTTNG EXT B C MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EEBC	\$ 5.63
FLAT ELBOW BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8FEBC	\$ 5.42
ELBOW, INTR BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8IEBC	\$ 5.42
SPLICE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8SC	\$ 1.02
BOX, POLYTRAK 1 - G 1.78D STD HUBBELL	Additional Component	Various Manufacturers	63HBNPDB12S	\$ 6.78
CEILING CONDUIT LANTRAK HUBBELL	Additional Component	Various Manufacturers	63HBNPLP1ACF	\$ 5.78
BEZEL FOR WALKER FLOOR BOXES FOR HUBBELL JACKS	Additional Component	Various Manufacturers	63HBNRFB2ABSS	\$ 15.30
NM4/12 FLUSH ENCLOSURE	Additional Component	Various Manufacturers	63HENCFM12126	\$ 408.00
Firestop cartridge Hilti	Additional Component	Various Manufacturers	63HIN259580	\$ 22.67
PULL BOX 12 X 12 NO K HOFFMAN ENGINEERING	Additional Component	Various Manufacturers	63HONASG12	\$ 26.08
PULL BOX 24" X 18" X 6" HOFFMAN ENGINEERING CO.	Additional Component	Various Manufacturers	63HONASG24	\$ 85.00
FLOOR BOX W/RECPT PEDESTAL	Additional Component	Various Manufacturers	63HVN3C3091	\$ 86.96
FISHTAPE - 1/4" 100 FT./CASE	Additional Component	Various Manufacturers	63ID31063	\$ 2.29
FISH TAPE 200 FT 1/4"	Additional Component	Various Manufacturers	63IDN31-065	\$ 386.31
LUBRICANT IDEAL YELLOW - 77 5 GALLON	Additional Component	Various Manufacturers	63IDN31-375	\$ 98.60
LUBRICANT YELLOW-77 IDEAL (1-GAL) WIRE PULLING	Additional Component	Various Manufacturers	63IDN31351	\$ 26.57
RIVETS FOR WALL MOUNT ENDPOINT	Additional Component	Various Manufacturers	63INN808.1503	\$ -
SCREWS, ITW TAPCON 1/4" X 1 3/4"	Additional Component	Various Manufacturers	63ITNCSH-20	\$ 0.37
COUPLING DUPLEX ST LEVITON	Additional Component	Various Manufacturers	63LEN412912TI	\$ 18.94
COUPLING DUPLEX SC LEVITON	Additional Component	Various Manufacturers	63LEN41291PCI	\$ 35.97
BLANK MODULE 2 UNIT LEVITON	Additional Component	Various Manufacturers	63LEN412922BI	\$ 1.38
POWER POLE 12' 2" IVORY HUBBELL	Additional Component	Various Manufacturers	63LFN12AI	\$ 237.63
BLACK ELECTRICAL TAPE	Additional Component	Various Manufacturers	63LFN17TEMFLEX	\$ 1.04
WIREMOLD SURFACE RACERWAY	Additional Component	Various Manufacturers	63LFN2300BA+C	\$ 5.20
COVER CLIP FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2306	\$ 1.04
90 DEGREE FLAT ELBOW FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2311	\$ 2.92
T-CONNECTORS FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2315	\$ 3.57
INSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2317	\$ 3.30
OUTSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2318	\$ 2.92
1-GANG DEEP BOX, ELECTRICAL - DEPTH 1 3/4" WIDTH 3" IVORY	Additional Component	Various Manufacturers	63LFN2348-1	\$ 9.69

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Item Description	Item Type	Manufacturer	Model	Cost
2-GANG DEEP WIREMOLD BOX	Additional Component	Various Manufacturers	63LFN2348-2	\$ 12.73
POWER POLES, RACEWAY 10' 5" WIREMOLD	Additional Component	Various Manufacturers	63LFN25DTP4	\$ 187.00
TAPE BLUE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BLU	\$ 4.49
TAPE BROWN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BRN	\$ 4.49
TAPE GRAY 3/4" X 66'	Additional Component	Various Manufacturers	63LFN35GRA	\$ 1.33
TAPE GREEN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35GRE	\$ 4.49
TAPE ORANGE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35ORA	\$ 4.49
TAPE RED 3/4" X 66	Additional Component	Various Manufacturers	63LFN35RED	\$ 4.49
TAPE VIOLET 3/4" X 66	Additional Component	Various Manufacturers	63LFN35VIO	\$ 4.49
TAPE WHITE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35WHI	\$ 4.49
TAPE YELLOW 3/4" X 66	Additional Component	Various Manufacturers	63LFN35YEL	\$ 4.49
WIREMOLD- 400 ADHESIVE BASE AND COVER	Additional Component	Various Manufacturers	63LFN400BA&C	\$ 2.55
COVER CLIP	Additional Component	Various Manufacturers	63LFN406	\$ 0.66
BLANK END FITTING	Additional Component	Various Manufacturers	63LFN410B	\$ 0.95
POLY PULL LINE (6500')	Additional Component	Various Manufacturers	63LFN430	\$ 46.36
WIREMOLD - 800 ADHESIVE BASE & COVER	Additional Component	Various Manufacturers	63LFN800BA&C	\$ 3.23
NM COVER CLIP WIREMOLD	Additional Component	Various Manufacturers	63LFN806	\$ 0.77
FITTING, ENTRANCE END WIREMOLD	Additional Component	Various Manufacturers	63LFN810A2	\$ 7.46
BLANK END FITTING FOR 800 WIREMOLD	Additional Component	Various Manufacturers	63LFN810B	\$ 1.34
90 DEGREE FLAT ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN811	\$ 2.99
NM TEE 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN815	\$ 4.13
INTERNAL ELBOW FOR 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN817	\$ 2.77
NM EXTERNAL ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN818	\$ 2.77
PLASTIC BUSHINGS 2" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNB506	\$ 0.54
PLASTIC BUSHINGS 3" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNB508	\$ 1.26
PLASTIC BUSHINGS 4" THOMAS BETTS CORP.	Additional Component	Various Manufacturers	63LFNB510	\$ 1.79
ANGLE HANGER BRACKET	Additional Component	Various Manufacturers	63LFNCATHBA	\$ 1.90
WORK MOUNTING PLATE	Additional Component	Various Manufacturers	63LFNMP1	\$ 1.94
SPIRAL WRAP 1/2 INCH - 100' ROLL BLACK - PANDUIT	Additional Component	Various Manufacturers	63LFNSPIRALWRAP1/2	\$ 272.56
SERVICE WEDGE CLAMPS FOR 25 PR BLACKBURN	Additional Component	Various Manufacturers	63LFNW40-1	\$ 10.29
SERVICE WEDGE CLAMPS	Additional Component	Various Manufacturers	63LFNW62-1	\$ 4.15
10 X 1 ANCHOR KIT	Additional Component	Various Manufacturers	63LFNWAK14	\$ 12.60
HOUSING, EMPTY ONLY LEVITON	Additional Component	Various Manufacturers	63LVN416421	\$ 4.68
3 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416431	\$ 4.68
6 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416461	\$ 4.68
WALLPLATE, 3G IV LEVITON	Additional Component	Various Manufacturers	63LVN804111	\$ 1.45
BRIDLE RING, 2" WOOD SCREW MINERALLAC ELECTRIC	Additional Component	Various Manufacturers	63MEN648RW	\$ 1.56
3/8-16 STL DROP IN ANCHOR	Additional Component	Various Manufacturers	63MENJDIA38	\$ 0.68



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Item Description	Item Type	Manufacturer	Model	Cost
3/8 - 16 HEX NUT	Additional Component	Various Manufacturers	63MENJN165	\$ 0.08
SCREWS, MACHINE 1/4 - 20 X 3/8 METALLICS, INC.	Additional Component	Various Manufacturers	63MENJRM22	\$ 0.09
SCREWS, 1/4 - 20 X 1/2 R H MACH SCREW METALLICS	Additional Component	Various Manufacturers	63MENJRM99	\$ 0.11
WASHER, FLAT 3/8"	Additional Component	Various Manufacturers	63MENJSW75	\$ 0.07
SCREWS, MACHINE SPANNER FLATHEAD 4-40 X 1 1/2 DS4 MUTUAL	Additional Component	Various Manufacturers	63MUN0424SMF	\$ 0.48
DRIVER, #4 (FOR USE WITH SPANNER FLAT HEAD MACHINE SCREW)	Additional Component	Various Manufacturers	63MUN1D4	\$ 17.00
MINERAL WOOL NELSON	Additional Component	Various Manufacturers	63NENAA0417	\$ 16.83
FIRESTOP PILLOWS, 10 X 4 X3 NELSON	Additional Component	Various Manufacturers	63NENAA0478	\$ 10.54
FIRESTOP PILLOWS, 10 X 8 X 3 NELSON	Additional Component	Various Manufacturers	63NENAA0479	\$ 15.56
MULE TAPE 1800 LB PRE-LUBRICATED IN SEQUENCE NEPTCO	Additional Component	Various Manufacturers	63NPNWP1800P	\$ 491.30
FACEPLATES, W/LABEL CLASSIC /ANGLED 2 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL2E	\$ 3.25
Classic (angled) Faceplate w/Label 2 Port	Additional Component	Various Manufacturers	63PANCFPSL2EIY	\$ 3.25
FACEPLATES, W/ LABEL CLASSIC/ANGLED 6 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL6E	\$ 3.25
Classic (angled) Faceplate w/Label 6 Port	Additional Component	Various Manufacturers	63PANCFPSL6EIY	\$ 3.25
WIREMOLD SW/RECPT BOX	Additional Component	Various Manufacturers	63PDN62048	\$ 9.33
LT. GRAY DUCT COVER 11/2	Additional Component	Various Manufacturers	63PDNC15LG6	\$ 1.50
PANDUIT LIDS FOR 3" E-DUCT	Additional Component	Various Manufacturers	63PDNC3LG6	\$ 3.20
PANDUIT LIDS FOR 4" E-DUCT	Additional Component	Various Manufacturers	63PDNC4LG6	\$ 3.88
DROP CEILING FITTING	Additional Component	Various Manufacturers	63PDNDCF5EIX	\$ 2.38
LT. GRAY DUCT .5 X 1	Additional Component	Various Manufacturers	63PDNE15X1G6	\$ 6.34
PANDUIT 3 X 3 E-DUCT - COMES IN 6' PIECES	Additional Component	Various Manufacturers	63PDNE3X3LG6	\$ 11.00
PANDUIT 4 X 4 E-DUCT	Additional Component	Various Manufacturers	63PDNE4X4LG6	\$ 16.92
TYPE G SLOT DUCT LT GRAY PANDUIT	Additional Component	Various Manufacturers	63PDNG15X15	\$ 6.68
VELCRO WRAP, PANDUIT 75' ROLL	Additional Component	Various Manufacturers	63PDNHLS75RO	\$ 110.08
RACEWAY BOX 1G BASE & COVER	Additional Component	Various Manufacturers	63PDNJB43510E1A	\$ 6.66
6' ADHESIVE BACK FOR 25 PAIR	Additional Component	Various Manufacturers	63PDNLD3EI6-A	\$ 2.52
RACEWAY 6' LATCH DUCT	Additional Component	Various Manufacturers	63PDNLD5E16A	\$ 2.74
DISTRIBUTION RING LARGE 5.12"	Additional Component	Various Manufacturers	63PENGB-13B	\$ 2.50
SPOOLS W/SCREW	Additional Component	Various Manufacturers	63PENGB-20	\$ 0.99
DISTRIBUTION RING 4 " METAL	Additional Component	Various Manufacturers	63PENS14754	\$ 1.75
TY-WRAP BLACK 8 INCHES	Additional Component	Various Manufacturers	63PRN50R-COW	\$ 0.03
1-GANG DRY TITE BOX	Additional Component	Various Manufacturers	63RDNDIH3-1-W	\$ 4.11
SUSPENSION CLAMP 5 5/8" RELIABLE	Additional Component	Various Manufacturers	63REN7903	\$ 6.73
STRAND VISES 1/4" FOR FIBER OPTIC AND COPPER CABLE -POLE MOUNT	Additional Component	Various Manufacturers	63RPNRVP-5200	\$ 16.88
1/8" STEREO TO MONO ADAPTER	Additional Component	Various Manufacturers	63RSN2740368	\$ 5.08
72 IN MF CABLE	Additional Component	Various Manufacturers	63RSN4202362	\$ 5.08
6 1/8 PHONO PLG	Additional Component	Various Manufacturers	63RSN4202444	\$ 5.59
CONDUIT STEEL 1/2 INCH	Additional Component	Various Manufacturers	63SCN1/2-EMT	\$ 0.29

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Item Description	Item Type	Manufacturer	Model	Cost
BEAM CLAMP 1/4-20TAPD	Additional Component	Various Manufacturers	63SCN500-SC	\$ 0.82
CORNING INNER DOOR LOCK KIT	Additional Component	Various Manufacturers	63SCNHDWRLOCKKIT	\$ 32.59
CONDUIT STRAP 1/2 1H	Additional Component	Various Manufacturers	63SCNHS101	\$ 0.30
EMT STRAP 1 1/4	Additional Component	Various Manufacturers	63SCNTS-104	\$ 0.88
1/2 1-INCH HIGH EMT STRAP	Additional Component	Various Manufacturers	63SCNTS101	\$ 0.27
DRY WALL SCREWS 1 INCH	Additional Component	Various Manufacturers	63SHNDWCBP100	\$ 0.07
1 AND 5/8" DRY WALL SCREWS	Additional Component	Various Manufacturers	63SHNDWCBP163	\$ 0.10
ORANGE LASTING HINGED COVER	Additional Component	Various Manufacturers	63SMNMC4LH-9	\$ 3.93
2X2 SLOTTED DUCT GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGCV	\$ 1.99
2X2 DUCT SLOTTED GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGRY	\$ 6.92
TY-WRAP 12 INCH NATURAL	Additional Component	Various Manufacturers	63SPN401C9-11	\$ 0.05
CABLE TIE MOUNT, BUTTONS	Additional Component	Various Manufacturers	63SPNCTM2CO	\$ 0.58
CABLE TIE MOUNT, BUTTONS #10	Additional Component	Various Manufacturers	63SPNCTM3C0	\$ 0.88
CABLE ANALYZER	Additional Component	Various Manufacturers	63SPNDTX1800120	\$ 10,196.60
IVORY RACEWAY 3/4 W/ADHESIVE	Additional Component	Various Manufacturers	63SPNPSTR116A	\$ 1.53
IVORY RACEWAY 1 1/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR21-6A	\$ 2.19
IVORY RACEWAY 1 3/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR31-8A	\$ 3.15
RACEWAY SPLICE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I14	\$ 1.75
RACEWAY TEE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I211	\$ 1.92
RACEWAY EXT CORNER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I291	\$ 3.43
RACEWAY INT CORNER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I331	\$ 1.92
RACEWAY END CAP 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I36	\$ 1.75
RACEWAY ELBOW 1 3/4	Additional Component	Various Manufacturers	63SPNSR3W251	\$ 1.92
JUNCTION BOX 1 1/4 IVORY	Additional Component	Various Manufacturers	63SPNSRI-JB1	\$ 5.90
RACEWAY JUNCTION BOX 2-INCH D	Additional Component	Various Manufacturers	63SPNSRIJB2	\$ 6.24
2 PORT SURFACE MT UNLOADED M SERIES IVORY SYSTMX	Additional Component	Various Manufacturers	63SYNM102SMBB246	\$ 4.37
FLEX CONN 1/2 INS L/T	Additional Component	Various Manufacturers	63TBN5332	\$ 3.00
SCREW MOUNT FOR CABLE TIES (500/PKG) #8 SCREW	Additional Component	Various Manufacturers	63TBN5332	\$ 0.06
HORSESHOE, PLASTIC FOR FIBER OPTIC CABLE 24/STRAND	Additional Component	Various Manufacturers	63TCNFOS12PT	\$ 55.18
RACK MT 12 OUTLET STRIP TRIPLITE	Additional Component	Various Manufacturers	63TLNRS-1215	\$ 55.25
RACEWAY WHITE 10' SECTION WIREMOLD	Additional Component	Various Manufacturers	63WIN700WH	\$ 25.50
STRAP, MOUNTING WHITE WIREMOLD	Additional Component	Various Manufacturers	63WIN704WH	\$ 0.70
IN-LINE BRACKET WIREMOLD	Additional Component	Various Manufacturers	63WMN5407T-WH	\$ 8.81
BOX SHALLOW METAL SW/RECEPTACLE	Additional Component	Various Manufacturers	63WMN5748S	\$ 6.52
CONNECTOR 1/2 BOX	Additional Component	Various Manufacturers	63WMN5781	\$ 3.05
Power Pole 15' 5"	Additional Component	Various Manufacturers	63WMNAMTC-415	\$ -
GRAY RECT RCPT COVER	Additional Component	Various Manufacturers	63WMNG4048R	\$ 8.77
STRAP IVORY 500 SERIES	Additional Component	Various Manufacturers	63WMNV504	\$ 0.29

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
90 DEGREE FLAT ELBOW 500 SER	Additional Component	Various Manufacturers	63WMNV511	\$ 1.51
INTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV517	\$ 2.03
EXTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV518	\$ 1.90
SUPPORTING CLIP IV 500 SERIES	Additional Component	Various Manufacturers	63WMNV5703	\$ 0.58
WIREMOLD 1 3/8" BOX	Additional Component	Various Manufacturers	63WMNV5747	\$ 7.31
9-OUTLET SURGE SUPPRESSOR	Additional Component	Various Manufacturers	64ANNAPCNET9RM	\$ 149.60
A.C.SURGE POWER STRIP (NET 7)	Additional Component	Various Manufacturers	64APN900.0635	\$ 25.50
SURGE STATION 8 A.C. STRIP	Additional Component	Various Manufacturers	64APN900.5769	\$ 34.00
APC RACK MOUNT 9-OUTLET A.C.	Additional Component	Various Manufacturers	64APNNET-9-RM	\$ 132.60
MODEM/POWER PROTECTOR	Additional Component	Various Manufacturers	64APNPTS01	\$ 20.40
POWER STRIP 19" FLUSH 15A 8 OUTLET RACK MT CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816701	\$ 135.46
POWER STRIP, HORIZONTAL 15A 8 OUTLET, SURGE CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816703	\$ 142.80
POWER STRIP 10 OUTLET GEIST	Additional Component	Various Manufacturers	64GENSP10410	\$ 168.30
10 OUTLET POWER STRIP HUBBELL	Additional Component	Various Manufacturers	64HBNHPWPWRTSTLNS	\$ 219.30
POWER STRIP W/ 8 OUTLETS	Additional Component	Various Manufacturers	64MIN9010528	\$ 27.20
SURGE STRIP 1U 20A	Additional Component	Various Manufacturers	64TLN2SOBAR12	\$ 139.40
SURGE STRIP 12 OUTLET	Additional Component	Various Manufacturers	64TLNISOBAR12	\$ 139.40
12 PR PROTECTOR UNIT 66/IN 66/OUT CIRCA TELE	Additional Component	Various Manufacturers	65CIN2612QC	\$ 155.55
MODULES, PROTECTOR FOR PROTECTOR UNIT 5/PIN BLK 350 VOI	Additional Component	Various Manufacturers	65CIN4B1E	\$ 5.02
12 PAIR GAS STATION PROTECTOR OUTDOOR ENCLOSURE CIRC	Additional Component	Various Manufacturers	65CIN51212G	\$ 184.59
LIGHTNING PROTECTION KIT	Additional Component	Various Manufacturers	65EGNSN920LPK	\$ 85.00
RJ45 45 T-1 PROTECTOR IN/OUT	Additional Component	Various Manufacturers	65OCNRJDP48C	\$ 56.10
LINE PROTECTOR, ANALOG 6-AP, BLACK ONEAC	Additional Component	Various Manufacturers	65ONN6AP	\$ 21.86
6-PAIR GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	65RENR66C16VS	\$ 108.78
J-HOOK WITH ANGLE BRACKET	Additional Component	Various Manufacturers	66CFNCAT32AB	\$ 3.42
J-HOOKS 4"	Additional Component	Various Manufacturers	66CFNCAT64	\$ 7.29
9 VOLT BATTERY ENERGIZER - 8/PK	Additional Component	Various Manufacturers	66EVN782-035	\$ 2.48
AA BATTERY - 24/PK	Additional Component	Various Manufacturers	66EVN782-049	\$ 0.82
AAA BATTERY ENERGIZER - 18/PK	Additional Component	Various Manufacturers	66EVN782-058	\$ 0.88
BATTERIES 1.5V D SERIES	Additional Component	Various Manufacturers	66EVNPC1300D	\$ 1.21
STN MDF PANEL & CABLE FOR EXECUTONE	Additional Component	Various Manufacturers	66EXNPNL/CBL	\$ 85.00
UNIV CONTNUTY TESTER, SC,ST,FC	Additional Component	Various Manufacturers	66FSNF15000U	\$ 83.79
CONDUIT STEEL 4 INCH EMT	Additional Component	Various Manufacturers	66GBN4-EMT	\$ 8.96
HANDSET Y SPLITTER	Additional Component	Various Manufacturers	66RSN477-153	\$ 16.29
TAIL, MALE TO FEMALE 25 PR 50' GRAY	Additional Component	Various Manufacturers	69ATN253PC50	\$ 69.31
FEMALE TAIL ASSY 25 FOOT	Additional Component	Various Manufacturers	69INN25CX25	\$ 14.88
FEMALE TAIL OPEN END 50 FEET	Additional Component	Various Manufacturers	69KWN25CC50	\$ 30.18
PRE-MADE 15' FEMALE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE15	\$ 26.91

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
25' FEMALE PRE-MADE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE25	\$ 43.25
15' MALE TAIL ONE END	Additional Component	Various Manufacturers	69KWNMALE-15	\$ 21.78
MALE TAIL 25 PAIR 25' SINGLE ENDED	Additional Component	Various Manufacturers	69KWNMALE25	\$ 38.06
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDIED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04

# Medium Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
BATTERY BACK UNIT MAIN 1-CAB+	Additional Component	Various Manufacturers	23APNSU750XL	\$ 576.00
RACK MOUNT BATTERY BACK UP UNIT 1000XA	Additional Component	Various Manufacturers	23APNSUA1000RM2U	\$ 899.99
APC SMART UPS 1000 VA XL RUN	Additional Component	Various Manufacturers	23APNSUA1000XL	\$ 763.20
RACK MT A.P.C. BATTERY B/U	Additional Component	Various Manufacturers	23APNSUA1500RM	\$ 1,017.00
APC SMART UPS RK MT 2200VA	Additional Component	Various Manufacturers	23APNSUA2200RM2U	\$ 1,345.41
Smart U.P.S. Rack Mount Battery Back-Up Unit 2200VA, 120V, 3U	Additional Component	Various Manufacturers	23APNSUA2200RMXL3U	\$ 1,608.33
APC SMART UPS BATTERY PAK	Additional Component	Various Manufacturers	23APNSUA24XLBP	\$ 448.50
APC SMART UPS BATTERY PACK RACK MOUNT	Additional Component	Various Manufacturers	23INNSU24R2XLBP	\$ 675.90
Monthly Maintenance per Voice Mail Port	Additional Component	ET&T	ETT-Maintenance-VM	\$ 17.00
Monthly Maintenance per System Port	Additional Component	ET&T	ETT-Maintenance-Port	\$ 4.00
Monthly Maintenance per Phone	Additional Component	ET&T	ETT-Maintenance-Phone	\$ 6.00

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
The following ET&T Large Key System can be used in ALL Size categories. This system will fit most requirements for Offices with Less Than 450 Users.				
			OfficeServ 7400 Platform	
			OS 7400 STARTER KITS	
OS 7400 Starter Kit Includes: 1ea. - OS 7400 Universal cabinet, 1 ea - Mast	Base System	Samsung	7400KIT	\$ 2,950.00
OS 7400 IP Solutions Kit Includes: 1ea - OS 7400 Universal Cabinet, 1ea	Base System	Samsung	F-B-OS7400IP	\$ 9,100.00
OS 7400 Expansion Kit Includes: 1ea - OS 7400 Universal cabinet, 1ea - Lc	Expansion Configuration	Samsung	7400EKIT	\$ 2,220.00
OS 7200 Expansion Kit Includes: OS7200 Universal cabinet, OS7200 LCH	Expansion Configuration	Samsung	7200EKIT	\$ 1,050.00
OS 7400 Large IP Solutions Kit Includes: 1ea - CRM Module, 1ea. LP40 pr	Expansion Configuration	Samsung	F-B-OS7400-02	\$ 25,500.00
			OS 7400 SOFTWARE	
OS-7400 System SD card (1GB)	Additional Component	Samsung	OS7400 SD40 KPOS74WSD/XAR	\$ 125.00
			OS 7400 COMMON & PERIPHERAL EQUIPMENT	
OS7200 16-port DLI-2	Additional Component	Samsung	OS 16DLI-2 KP-OSDBDL2/XAR	\$ 600.00
OS 16 Port Analog Single Line Card with Message Waiting	Additional Component	Samsung	OS 16SLI3 OS7400BSL3/XAR	\$ 517.00
OS Combo Card with 8DLI + 8SLI Ports	Additional Component	Samsung	OS 8COMBO3 OS7400B8H4/XAR	\$ 605.00
OS7200 8-port DLI Card	Additional Component	Samsung	OS 8DLI KP-OSDB8D/XAR	\$ 279.00
OS 8 Port Analog Single Line Card	Additional Component	Samsung	OS 8SLI3 OS7400B8S3/XAR	\$ 363.00
OS 7200 8-port Loop Trunk Card	Additional Component	Samsung	OS8TRK2 KP-OSDB8T/XAR	\$ 339.00
OS7000 16-Port Loop Trunk Card	Additional Component	Samsung	OS 16 TRK KP-OSDB16T/XAR	\$ 720.00
OS7200 T1-PRI Trunk Card	Additional Component	Samsung	OS TEPRia KP-OSDBTE1/XAR	\$ 1,092.00
2 CKT T-1-PRI Card (TEPRI2) Supported on OS7400 - Only	Additional Component	Samsung	OS TEPRI2 KPOS74BTEP/XAR	\$ 1,458.00
OS MGI-64 Gateway Card Required for IP-UMS Configured for 3-8 Fax P	Additional Component	Samsung	OS MGI 64 KPOS74BMGI/XAR	\$ 3,300.00
OS7100, OS-7200, 7200-S & 7400 Optional Applications Service Card (OA	Additional Component	Samsung	OAS Card KPOS74BOAS/XAR	\$ 605.00
24 Port Conference Card for OfficeServ 7200-S, OfficeServ 7200, and Office	Additional Component	Samsung	OS CNF24 OS7400BCNF/XAR	\$ 660.00
Common Resource Module (CRM) Installs on the LP40	Additional Component	Samsung	OS CRM KPOS74BCRM/XAR	\$ 279.00
iDCS RCM2 Installs on the LP40	Additional Component	Samsung	OS RCM2 KP500DBRC2/XAR	\$ 363.00
Miscellaneous Card Installs on the LP40	Additional Component	Samsung	OS MIS KP-OSDBMIS/XAR	\$ 145.00
OS Modem Card This model is a universal modem for all 7000 systems	Additional Component	Samsung	OS MODEM Card KPOS74BMOD/2	\$ 242.00
Sine Wave Ringer Module for 7200/7400 (One per Cabinet)	Additional Component	Samsung	OS RING MOD. OS7400BRG/XAR	\$ 182.00
			SINGLE ITEMS & SPARES	
OS 7400 Universal Cabinet	Additional Component	Samsung	OS7400 CAB KPOS74MA/XAR	\$ 1,820.00
Master Processor MP40	Additional Component	Samsung	OS MP40 KPOS74BMPM/XAR	\$ 1,092.00
Local Processor LP40	Additional Component	Samsung	OS LP40 KPOS74BLP/XAR	\$ 605.00
Power Supply 7400	Additional Component	Samsung	OS 7400 PSU KPOS74BPSU/XAR	\$ 594.00

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Item Description	Item Type	Manufacturer	Model	Cost
		Samsung	Ubigate	
		Samsung	UBIGATE ETHERNET SWITCHES	
iES 24 port 10/100M Layer 2 Managed Ethernet Switch □ 3 Year Warranty	Additional Feature	Samsung	IES-4028F/XAR	\$ 341.00
iES 24 port 10/100M Layer 2 Managed PoE Ethernet Switch □ 3 Year Warranty	Additional Feature	Samsung	IES-4028FP/XAR	\$ 677.00
iES 22 port 10/100/1000M Layer 2 Managed PoE □ Ethernet Switch 3 Year	Additional Feature	Samsung	IES-4024GP/XAR	\$ 1,045.00
		Samsung	Terminals	
		Samsung	KEYSETS 10-PHONE PACKS	
10-Phone Pack 28-Button (Dark Gray) □ 10 iDCS Keypad 28-Button Speaker	Additional Component	Samsung	KP28D10PK	\$ 2,090.00
10-Phone Pack 18-Button (Dark Gray) □ 10 iDCS Keypad 18-Button Speaker	Additional Component	Samsung	KP18D10PK	\$ 1,808.40
10-Phone Pack 14-Button DS Digital Keypad Kit □ 10 DS-5014D Digital Key	Additional Component	Samsung	DS14D10PK	\$ 1,793.00
10-Phone Pack 21 Button DS Digital Keypad Kit □ 10 DS-5021D Digital Keys	Additional Component	Samsung	DS21D10PK	\$ 2,115.00
10-Phone Pack SMT-i3105D Entry level 5B IP Telephone □ 10- SMT-i3105D	Additional Component	Samsung	F-B-i3105-10	\$ 1,824.00
10-Phone Pack SMT-i5210D 14B Backlit IP Telephone □ 10- SMT-i5210D/X	Additional Component	Samsung	F-B-i5210-10	\$ 2,682.00
10-Phones Pack SMT-i5230D 5B Desiless IP Telephone □ 10-SMT-i5230D/X	Additional Component	Samsung	F-B-i5230-10	\$ 3,178.00
10-Phones Pack SMT-i5243D 19B Color Display IP Telephone □ 10-SMT-i5	Additional Component	Samsung	F-B-i5243-10	\$ 4,700.00
		Samsung	iDCS DIGITAL KEYSETS	
DCS 24D Keypad (Dark Gray) □ (For iDCS 16 System ONLY)	Additional Component	Samsung	DS 24D □ KPDS24SED/XAR	\$ 189.00
iDCS 28-Button Speaker Phone (Dark Gray)	Additional Component	Samsung	F28DG □ KPDP28SED/XAR	\$ 242.00
iDCS 18-Button Speaker Phone (Dark Gray)	Additional Component	Samsung	F18DG □ KPDP18SED/XAR	\$ 206.00
iDCS 8-Button Speaker Phone (Dark Gray)	Additional Component	Samsung	F08DG □ KPDP08SED/XAR	\$ 170.00
iDCS 14-Button Add-On Module Strip (Dark Gray)	Additional Component	Samsung	F14DG □ KPDP14SDSD/XAR	\$ 50.00
iDCS 64-Button Add-On Console (Dark Gray)	Additional Component	Samsung	F64DG □ KPDP64SDSD/XAR	\$ 253.00
iDCS Keypad Daughter Board - SLI	Additional Component	Samsung	FKDBS □ KPDP28B1SD/XAR	\$ 85.00
iDCS Keypad Daughter Board - DLI	Additional Component	Samsung	FKDBD □ KPDP28B1DD/XAR	\$ 49.00
Door Phone Interface DPIM □ (Requires DCS Door Phone)	Additional Component	Samsung	DCS DPIM □ KP40D-BDPI/XAR	\$ 97.00
Door Phone Unit □ (Requires DCS DPIM)	Additional Component	Samsung	KPOPT-BDP4/XAR	\$ 38.00
		Samsung	DS DIGITAL KEYSETS	
21 Button DS Digital Keypad	Additional Component	Samsung	DS-5021D □ KPDP21SED/XAR	\$ 245.00
14 Button DS Digital Keypad	Additional Component	Samsung	DS-5014D □ KPDP14SED/XAR	\$ 200.00
7 Button DS Digital Keypad	Additional Component	Samsung	DS-5007S □ KPDP07SBD/XAR	\$ 169.00
64 Button Module	Additional Component	Samsung	DS-5064 □ KPDP64SDSD/XAR	\$ 255.00
			IP KEYSETS	
SMT-i3105D Entry Level 5B IP telephone, Dark Gray □ Power Adapter Sold Sep	Additional Component	Samsung	SMT-i3105DG □ SMT-i3105D/XAR	\$ 205.00
SMT-i5210D 14B Backlit IP telephone, Dark Gray □ Power Adapter Sold Sep	Additional Component	Samsung	SMT-i5210DG □ SMT-i5210D/XAR	\$ 297.00
SMT-i5230D 5B Desiless Backlit IP telephone, Dark Gray □ Power Adapter S	Additional Component	Samsung	SMT-i5230DG □ SMT-i5230D/XAR	\$ 352.00
SMT-i5243D 19B Color Display IP telephone, Dark Gray □ Power Adapter S	Additional Component	Samsung	SMT-i5243DG □ SMT-i5243D/XAR	\$ 525.00
SMT-i5264D 64B IP Add-On Module, Dark Gray □ Power Adapter Sold Sep	Additional Component	Samsung	SMT-i5264DDG □ SMT-i5264D/XAR	\$ 285.00
Wall Mount Bracket for SMT-i5200 Series IP telephones, □ Dark Gray	Additional Component	Samsung	i5200 WM BKT □ SMT-A52WB/XAR	\$ 18.00

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Item Description	Item Type	Manufacturer	Model	Cost
SMT-i5200 Series Gigabit Module adapter, Dark Gray	Additional Component	Samsung	SMT-GB-MOD□SMT-A52GE/XAR	\$ 109.00
SMT-i5200 Series Power Adapter, One per Telephone or SMT-i5264D AOM	Additional Component	Samsung	i5200-AC-PSU□SMT-A53PW/XAR	\$ 22.00
SMT-i3100 Series Power Adapter, One per Telephone required, □if PoE Swit	Additional Component	Samsung	i3100-AC-PSU□SMT-A53PA/XAR	\$ 22.00
Handset with cord for SMT-i5210, SMT-i5220, □SMT-i5230, SMT-i5243	Additional Component	Samsung	F-PGA96-00893B	\$ 26.00
Handset with cord for SMT-i3105	Additional Component	Samsung	F-PGB96-00896A	\$ 26.00
Base Wedge for SMT-i5210, SMT-i5220, SMT-i5230, SMT-i5243	Additional Component	Samsung	F-PGA73-00088A	\$ 18.00
			Applications	
			VOICE PROCESSING SYSTEMS	
SVMi-20i Card SSD 8G□( OS 7200 or OS 7400)	Additional Feature	Samsung	OS SVMi-20i□OS7400BVM2/XAR	\$ 1,440.00
			CTI / LINK LICENSES	
OfficeServ Link V3 License (with EasySet)□Required for Call, Operator, Op	Additional Feature	Samsung	OS Link□KP-AP2XWES/XAR	\$ 228.00
OfficeServ Call License (sold in 10 seat increments)	Additional Feature	Samsung	OS Call□KP-AP2XWCA/XAR	\$ 15.00
OfficeServ Operator License	Additional Feature	Samsung	OS Operator□KP-AP2XWOP/XAR	\$ 680.00
OfficeServ Open TSP License	Additional Feature	Samsung	OS Open TSP□KP-AP2XWOT/XAR	\$ 855.00
OfficeServ DataView License	Additional Feature	Samsung	OS DataView□KP-AP2XWDV/XAR	\$ 1,133.00
OS Communicator - DeskPhone Mode License □(Any Samsung Keypad)	Additional Feature	Samsung	OSC DP Mode□KP-AP2XWUC/STD	\$ 55.00
			RESOURCE LICENSE	
7030 MGI License (Sold individually in increments of 1 to 4)	Additional Feature	Samsung	OS 7030 MGI□KP-AP5XWMG/XAR	\$ 92.00
7100 MGI License (Sold individually in increments of 1 to 8)	Additional Feature	Samsung	OS 7100 MGI□KP-AP4XWMG/XAR	\$ 92.00
7200-S MGI License (Sold individually in increments of 1 to 6)	Additional Feature	Samsung	OS 7200-S MGI□KP-AP7XWMG/ST	\$ 92.00
7030 Voice Mail License (turns on VM function)	Additional Feature	Samsung	7030 VM □KP-AP5XWVM/XAR	\$ 285.00
7200-S Voice Mail Expansion License (single port increments) Maximum 2	Additional Feature	Samsung	7200-S VM □KP-AP7XWVM/STD	\$ 145.00
OS 7200/7400 SVMi-20i Voice Mail License (Maximum 20) □(Sold in incre	Additional Feature	Samsung	OS7000WVMS/XAR	\$ 135.00
OS 7200/7400 SVMi-20i Fax License (Maximum 4) □(Sold in increments of	Additional Feature	Samsung	OS7000WFAX/XAR	\$ 275.00
			SIP LICENSE	
Per Seat License for 3rd Party SIP Phone	Additional Component	Samsung	3rd Pty SIP□KP-AP9XW3P/XAR	\$ 285.00
SIP Application Ports for IP-UMS, IVR, ACD	Additional Component	Samsung	SIP APP PORT□KP-AP9XWSA/STD	\$ 40.00
SIP per Trunk License (OS-7030 System to ITSP)	Additional Component	Samsung	7030 SIP TRK□KP-AP9XWT3/STD	\$ 18.00
SIP per Trunk License (OS-7100 System to ITSP)	Additional Component	Samsung	7100 SIP TRK□KP-AP9XWT1/STD	\$ 18.00
SIP per Trunk License (OS-7200-S System to ITSP)	Additional Component	Samsung	7200-S SIP TRK□KP-AP9XWTS/ST	\$ 29.00
SIP per Trunk License (OS-7200 System to ITSP)	Additional Component	Samsung	7200 SIP TRK□KP-AP9XWT2/STD	\$ 29.00
SIP per Trunk License (OS-7400 System to ITSP)	Additional Component	Samsung	7400 SIP TRK□KP-AP9XWT4/STD	\$ 29.00
			SERVICE LICENSE	
OfficeServ Softphone or Communicator SoftPhone Mode	Additional Component	Samsung	OS Softphone□KP-AP1XWSP/XAR	\$ 229.00
OS Communicator - UCPhone Mode License (SMT- i-Series only)	Additional Component	Samsung	OS UCP Mode□KP-AP9XWCO/STD	\$ 115.00
H.323 per TRK License between PBX System (all 7000 systems)	Additional Component	Samsung	H.323 TRK□KP-AP9XWHS/XAR	\$ 13.00
Executive Mobex per Port License (all 7000 systems)□(Required for Executi	Additional Component	Samsung	EX Mobex□KP-AP6XWMX/STD	\$ 69.00
SPNet License (OS-7030 System to other Samsung □OfficeServ system)	Additional Component	Samsung	7030 SPNet□KP-AP9XWS3/STD	\$ 92.00



# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
SPNet License (OS-7100 System to other Samsung □OfficeServ system)	Additional Component	Samsung	7100 SPNet□KP-AP9XWS1/STD	\$ 92.00
SPNet License (OS-7200-S System to other Samsung □OfficeServ system)	Additional Component	Samsung	7200-S SPNet□KP-AP9XW2S/STD	\$ 780.00
SPNet License (OS-7200 System to other Samsung □OfficeServ system)	Additional Component	Samsung	7200 SPNet□KP-AP9XWS2/STD	\$ 780.00
SPNet License (OS-7400 System to other Samsung □OfficeServ system)	Additional Component	Samsung	7400 SPNet□KP-AP9XWS4/STD	\$ 780.00
CNF24 Conference Channel License	Additional Component	Samsung	CNF24 LIC□KP-AP8XWCN/STD	\$ 55.00
			MESSENGER LICENSE	
OS Messenger Phone User SMT-i5243 only	Additional Component	Samsung	OSM Phone□KP-AP8XWCH/STD	\$ 75.00
OS Messenger PC Collaboration User □(Requires Link V3)	Additional Component	Samsung	OSM PC□KP-AP8XWCP/STD	\$ 138.00
			E-MAIL GATEWAY LICENSE	
SVM e-Mail Gateway License (Unlimited)	Additional Component	Samsung	OS EMG□KP-AP3XWEG/XAR	\$ 285.00
			OS IP-UMS	
IP-UMS Application Software (0 ports)□(Required for ALL IP-UMS System)	Additional Feature	Samsung	UMS BASE APP□KP-AP3XWUM/S	\$ 682.00
Number of IP UMS Ports □(At least one required)	Additional Feature	Samsung	UMS PORT□KP-AP3XWUP/STD	\$ 256.00
Sync IP-UMS with Exchange & Outlook	Additional Feature	Samsung	UMS SYNC MS□KP-AP3XWUE/ST	\$ 825.00
Enabling Fax Send Feature in IP UMS	Additional Feature	Samsung	UMS FAX SEND□KP-AP3XWUS/S	\$ 205.00
Enabling Fax Receive Feature in IP UMS	Additional Feature	Samsung	UMS FAX RCV□KP-AP3XWUR/ST	\$ 205.00
Ports of TTS to be used in IP-UMS (0 ~ 24)	Additional Feature	Samsung	UMS TTS PORT□KP-AP3XWUT/ST	\$ 682.00
TTS Languages to be used in IP UMS (0 ~ 27)	Additional Feature	Samsung	UMS TTS LANG□KP-AP3XWUL/ST	\$ 370.00
			WIRELESS STARTER KITS	
OS Wireless Dual-Band Starter Kit□Includes: 2 ea. Dual Band Waps; 2 ea. S	Additional Component	Samsung	OSWDBSKIT	\$ 2,025.00
OS Wireless Dual-Band Wireless Access Point (WAP)	Additional Component	Samsung	R2000A WAP□SMT-R2000A/XAR	\$ 670.00
Wireless Handset Assembly (2.4 GHz)□Includes: SMT-W5120D Handset,	Additional Component	Samsung	SMT-W5120D/XAR	\$ 420.00
			Terminal Accessories	
DCS-Keyset 24 Button Protector Cover ( 10 Pack)	Additional Component	Samsung	A-DS24-COV	\$ 70.00
iDCS Keyset 8-Button Protective Cover (10 Pack)	Additional Component	Samsung	A-DCSF-8B-COV	\$ 90.00
iDCS Keyset 18-Button Protective Cover (10 Pack)	Additional Component	Samsung	A-DCSF-18B-COV	\$ 110.00
iDCS Keyset 28-Button Protective Cover (10 Pack)	Additional Component	Samsung	A-DCSF-28B-COV	\$ 110.00
iDCS Keyset 14-Button AOM Protective Cover (10 Pack)	Additional Component	Samsung	A-DCSF14BAOMCO	\$ 90.00
iDCS Keyset 64-Button AOM Protective Cover (10 Pack)	Additional Component	Samsung	A-DCSF64BAOMCO	\$ 90.00
DS 7B Protective Cover (10 Pack)	Additional Component	Samsung	F-ADS5007S-COV	\$ 110.00
DS 14B Protective Cover (10 Pack)	Additional Component	Samsung	F-ADS5014D-COV	\$ 110.00
DS 21B Protective Cover (10 Pack)	Additional Component	Samsung	F-ADS5021D-COV	\$ 110.00
DS 64B AOM Protective Cover (10 Pack)	Additional Component	Samsung	F-ADS64AOM-COV	\$ 110.00
SMT-i3105D Protective Cover (10 Pack)	Additional Component	Samsung	F-Ai3105DG-COV	\$ 110.00
SMT-i5210D Protective Cover (10 Pack)	Additional Component	Samsung	F-Ai5210DG-COV	\$ 110.00
SMT-i5220D Protective Cover (10 Pack)	Additional Component	Samsung	F-Ai5220DG-COV	\$ 110.00
SMT-i5230D Protective Cover(10 Pack)	Additional Component	Samsung	F-Ai5230DG-COV	\$ 110.00
SMT-i5243D Protective Cover (10 Pack)	Additional Component	Samsung	F-Ai5243DG-COV	\$ 110.00

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Item Description	Item Type	Manufacturer	Model	Cost
SMT-i5264D Protective Cover(10 Pack)	Additional Component	Samsung	F-Ai5264DG-COV	\$ 110.00
AC/DCAdaptor, ITP-5112L	Additional Component	Samsung	KP-GB44-00011A	\$ 30.00
AC/DC Adaptor, ITP-5107S, ITP-5121D	Additional Component	Samsung	F-PGA44-00056A	\$ 30.00
SMT-W5120D - Leather Case	Additional Component	Samsung	KP-GA69-00134A	\$ 15.00
SMT-W5120D -Battery Pack	Additional Component	Samsung	KP-GB43-00005A	\$ 19.00
SMT-W5120D - Battery Charger	Additional Component	Samsung	KP-GB44-00021A	\$ 36.00
SMT-W5120D - Power Adaptor	Additional Component	Samsung	KP-GB44-00029A	\$ 9.00
SMT-W5120D - Earphone	Additional Component	Samsung	KP-GB59-00039A	\$ 7.00
Handset Assembly (Dark Gray) <input type="checkbox"/> Includes: Handset Cord	Additional Component	Samsung	HSF DG <input type="checkbox"/> KP-GA96-00760A	\$ 26.00
Handset Assembly: DS5000 and ITP Keysets <input type="checkbox"/> Includes: Handset Cord	Additional Component	Samsung	KP-GA96-00804A	\$ 26.00
Handset cord, DS5000 & ITP Keysat	Additional Component	Samsung	KP-GA39-00030A	\$ 7.00
Line Cord, 3M (Dark Gray)	Additional Component	Samsung	HSF LC DG <input type="checkbox"/> KP-GC39-50054A	\$ 9.00
iDCS Handset Cord - Standard Length (Dark Gray)	Additional Component	Samsung	HSF C DG <input type="checkbox"/> KP-GA39-00020A	\$ 9.00
Handset Cord Cover for Modular Connector (Dark Gray)	Additional Component	Samsung	HSF CC DG <input type="checkbox"/> KP-GA72-00059A	\$ 2.00
Handset Hanger For Wall Mounting (Dark Gray)	Additional Component	Samsung	HSF H DG <input type="checkbox"/> KP-GA72-00032A	\$ 2.00
Base Wedge, DS5000, ITP-5112L, ITP-5121D	Additional Component	Samsung	KP-GA97-01887A	\$ 20.00
Base Wedge, ITP-5107S	Additional Component	Samsung	KP-GA97-01907A	\$ 20.00
Large Base Wedge for 18-Button & 28-Button Speaker Phone <input type="checkbox"/> (Dark Gray)	Additional Component	Samsung	WDG L DG <input type="checkbox"/> KP-GA97-01869A	\$ 15.00
Small Base Wedge for 8-Button Speaker Phone & 64-Button <input type="checkbox"/> Console (Dark Gray)	Additional Component	Samsung	WDG S DG <input type="checkbox"/> KP-GA97-01870A	\$ 15.00
iDCS16 Base Wedge	Additional Component	Samsung	KP-GA72-00081A	\$ 15.00
Ribbon Cable for 14-Button Console	Additional Component	Samsung	14B RIBBON <input type="checkbox"/> KP-3809-001245	\$ 4.00
Desi Sheet Cover, DS-5021D, ITP-5121D	Additional Component	Samsung	KP-GA72-00194A	\$ 4.00
Desi Sheet Cover, DS-5014D	Additional Component	Samsung	KP-GA72-00195A	\$ 4.00
Desi Sheet Cover, DS-5064 AOM - Top	Additional Component	Samsung	KP-GA72-00197A	\$ 4.00
Desi Sheet Cover, DS-64B AOM - Bottom	Additional Component	Samsung	F-PGA72-00198A	\$ 4.00
Desi Sheet Cover, DS-5007S, ITP-5107S	Additional Component	Samsung	KP-GA72-00249A	\$ 4.00
Designation Sheet Cover for 8-Button Speaker Phone (Each)	Additional Component	Samsung	DC 8B <input type="checkbox"/> KP-GA72-00069A	\$ 4.00
Designation Sheet Cover, 8 Hole for 18-Button & 28-Button Speaker Phones	Additional Component	Samsung	DSC 8H <input type="checkbox"/> KP-GA72-00068A	\$ 4.00
Designation Sheet Cover for 18-Button Speaker Phone <input type="checkbox"/> (Each)	Additional Component	Samsung	DC 18B <input type="checkbox"/> KP-GA72-00067A	\$ 4.00
Designation Sheet Cover for 28-Button Speaker Phone <input type="checkbox"/> (Each)	Additional Component	Samsung	DC 28B <input type="checkbox"/> KP-GA72-00066A	\$ 4.00
Designation Sheet Cover for 14-Button AOM (Each)	Additional Component	Samsung	DC 14B <input type="checkbox"/> KP-GA72-00070A	\$ 4.00
Designation Sheet Cover for 64-Button Console - <input type="checkbox"/> Top Button Groups (Each)	Additional Component	Samsung	DC 64BT <input type="checkbox"/> KP-GA72-00071A	\$ 4.00
Designation Sheet Cover for 64-Button Console - <input type="checkbox"/> Middle Button Groups (Each)	Additional Component	Samsung	DC 64BM <input type="checkbox"/> KP-GA72-00072A	\$ 4.00
Designation Sheet Cover for 64-Button Console - <input type="checkbox"/> Bottom Button Groups (Each)	Additional Component	Samsung	DC 64BB <input type="checkbox"/> KP-GA72-00073A	\$ 4.00
			QUICK REFERENCE GUIDES	
Digital Keypad Quick Reference Guide (10 Pack)	Additional Component	Samsung	L-QRG-DIGSET	\$ 15.00
DS5000 Series Quick Reference Guide (10 Pack)	Additional Component	Samsung	L-QRG-DS5000	\$ 15.00
SVM/SVMi E-Series Quick Reference Guide (10 Pack) <input type="checkbox"/> (Can be used with	Additional Component	Samsung	L-QRG-SVM-E	\$ 15.00

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Item Description	Item Type	Manufacturer	Model	Cost
Professional Services - Implementation				
CUSTOM APPLICATIONS DEVELOPMENT	Additional Component	ET&T	E53000241T	\$ 233.00
CUSTOM APPLICATIONS INTEGRATION & TESTING	Additional Component	ET&T	E53000242T	\$ 233.00
CUSTOM APPLICATIONS TRAINING	Additional Component	ET&T	E53000243T	\$ 233.00
CUSTOM APPLICATIONS DOCUMENTATION	Additional Component	ET&T	E53000244T	\$ 233.00
IMPLEMENTATION & INTEGRATION	Additional Component	ET&T	E53000245T	\$ 210.00
TRAINING	Additional Component	ET&T	E53000246T	\$ 167.00
CUSTOM SERVICES	Additional Component	ET&T	E53000247T	\$ 1.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	E53000237T	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	E53000340T	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	E53000341T	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	E53000345T	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	E51301175T	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003165T	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003170T	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	E53003175T	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	E53003190T	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	E53003308T	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	E53000342T	\$ 1.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00
VARIOUS ITEMS ASSOCIATED WITH INSTALLING VOICE AND DATA NETWORKING EQUIPMENT:				
ET&T COMPETITIVE DISCOUNT	Additional Component	Various Manufacturers	ETT DISC	\$ (1.00)
CREDIT FOR CABLE REUSE	Additional Component	Various Manufacturers	CABLE CREDIT	\$ (20.00)
CAT5E CABLED VOICE OR DATA OUTLET UP TO 295 FEET	Additional Component	Various Manufacturers	94ETNCAT5E	\$ 289.00
MISCELLANEOUS HARDWARE	Additional Component	Various Manufacturers	65HDNMISCHD	\$ 1.00
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38

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Item Description	Item Type	Manufacturer	Model	Cost
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
6-OUTLET FACEPLATE FOR HUBBELL ELECTRIC IVORY	Additional Component	Various Manufacturers	60HBN78IP6	\$ 2.21
SURFACE MOUNTS DUPLEX	Additional Component	Various Manufacturers	60HBN8602I	\$ 6.49
SURFACE BOX 2/PORT	Additional Component	Various Manufacturers	60HBN8602TI	\$ 6.72
SURFACE HSING 2/PORT V&D	Additional Component	Various Manufacturers	60HBN8602TIVD	\$ 4.11
SURFACE MOUNT - 4 DATA OUTLETS	Additional Component	Various Manufacturers	60HBN8604I	\$ 6.48
HUBBELL SC DUPLEX COUPLING 6-PK	Additional Component	Various Manufacturers	60HBNFASCMPB6	\$ 92.09
FLUSH FACEPLATE DUPLEX FOR CAT	Additional Component	Various Manufacturers	60HBNFPL12I	\$ 2.48
DUPLEX FLUSH JACKS V/D LABELED	Additional Component	Various Manufacturers	60HBNFPL12IVD	\$ 2.38
FLUSH FACEPLATE 3-GANG OUTLET	Additional Component	Various Manufacturers	60HBNFPL13I	\$ 2.21
QUAD FACEPLATE FOR HUBBELL	Additional Component	Various Manufacturers	60HBNFPL14HI	\$ 2.38
2/PORT GRAY PLT RECT	Additional Component	Various Manufacturers	60HBNFSL244GY	\$ 2.43
Hubbell Dual Jack Frame	Additional Component	Various Manufacturers	60HBNFSL244OW	\$ 2.57
ADAPTER PANEL, BLANK FSP HUBBELL	Additional Component	Various Manufacturers	60HBNFSPB	\$ 9.67
ADAPTER PANEL, FIBER 6 DUPLEX SC ORANGE HUBBELL	Additional Component	Various Manufacturers	60HBNFSPSCD06	\$ 110.72
SURFACE MOUNT BOX WEATHERPROOF 1 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNHI14XGY	\$ 75.12
CAT 6 JACK WEATHERPROOF HUBBELL	Additional Component	Various Manufacturers	60HBNHI6	\$ 51.83
JACK PROTECTIVE CAP, CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNHIC	\$ 14.01
CAT 5E JACK, BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EB	\$ 7.26
CAT 5e JACK 568B BLACK	Additional Component	Various Manufacturers	60HBNHXJ5EBK	\$ 6.24
JACK,CAT 5E SPEEDGAIN WIRED 568B (GREEN FOR DATA) HUBB	Additional Component	Various Manufacturers	60HBNHXJ5EGN	\$ 7.33
SPEEDGAIN XCELERATOR 5e JK OR	Additional Component	Various Manufacturers	60HBNHXJ5EOR	\$ 7.26
CAT 5 ORANGE DATA JACKS 25/PK	Additional Component	Various Manufacturers	60HBNHXJ5EOR25	\$ 127.50
HUBBELL VOICE JACK	Additional Component	Various Manufacturers	60HBNHXJ5EOW	\$ 5.95
SPEEDGAIN 5e 568B JK IVORY	Additional Component	Various Manufacturers	60HBNHXJ5ETI	\$ 7.26
CAT 5E JACK, WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EW	\$ 6.60
CAT 6 JACKS WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ60W	\$ 11.00
CAT 6 JACKS BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6B	\$ 11.00
CAT 6 JACKS BLUE HUBBELL - 25 PK	Additional Component	Various Manufacturers	60HBNHXJ6B25PK	\$ 8.08
CAT 6 JACK EI HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6EI	\$ 9.83
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR	\$ 10.10
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR25	\$ 8.08
CAT 6 JACKS, TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6TI	\$ 10.30
USOC 6-POSITION JACK E.I.	Additional Component	Various Manufacturers	60HBNHXJUEI	\$ 4.59
USOC JACK 6-CONDUCTOR	Additional Component	Various Manufacturers	60HBNHXJUTI	\$ 5.70

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Item Description	Item Type	Manufacturer	Model	Cost
JACK, VOICE RJ-25 USOC 6 CONDUCTOR WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJUW	\$ 5.75
1 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP110W	\$ 2.21
SINGLE FACEPLATE E.I.	Additional Component	Various Manufacturers	60HBNIFP11EI	\$ 2.45
FACE PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNIFP11TI	\$ 2.38
2 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNIFP120W	\$ 2.06
FACEPLATE 2/PORT E.I.	Additional Component	Various Manufacturers	60HBNIFP12EI	\$ 2.21
2 - PORT F.P. LABEL V&D	Additional Component	Various Manufacturers	60HBNIFP12IVD	\$ 2.53
DUPLEX FLUSH FACEPLATE BLANK	Additional Component	Various Manufacturers	60HBNIFP12TI	\$ 2.38
FACEPLATE, 2 PORT, SINGLE GANG WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP12W	\$ 2.45
SINGLE GANG TRIPLE JACK PLATE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP130W	\$ 2.45
FACE PLATE, FLUSH 3 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNIFP13EI	\$ 2.38
TRIPPLICATE FLUSH FACEPLATE BLK	Additional Component	Various Manufacturers	60HBNIFP13TI	\$ 2.38
4 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP140W	\$ 2.38
FACEPLATE, QUAD FLUSH TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14TI	\$ 2.45
FACEPLATE, SINGLE GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14W	\$ 2.30
FACEPLATE, 2 GANG 12 PORTS OFFICE WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP2120W	\$ 10.85
FACE PLATE 2 GANG (EI) ELECTRIC IVORY - 6 PORT	Additional Component	Various Manufacturers	60HBNIFP26EI	\$ 4.78
1.5 UNIT BLANK MODULE HUBBELL GRAY 5-PK	Additional Component	Various Manufacturers	60HBNIMB15GY	\$ 3.40
HUBBELL SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIMF10W	\$ 2.45
SINGLE GANG PLATE HUBBELL GRAY	Additional Component	Various Manufacturers	60HBNIMF1GY	\$ 2.82
2 JACK OUTLET FRAME HUBBELL	Additional Component	Various Manufacturers	60HBNISF20W	\$ 2.72
3 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNISF30W	\$ 2.72
2 PORT SURFACE MOUNT BOX OFFICE WHITE	Additional Component	Various Manufacturers	60HBNISM20W	\$ 3.35
SURFACE MT HOUSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2EI	\$ 2.98
DUPLEX SURFACE HSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2TI	\$ 2.98
1-GANG 2H FACEPLATE HUBBELL	Additional Component	Various Manufacturers	60HBNMTP-12	\$ 2.04
FACEPLATE, 2 GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNNSP24W	\$ 2.33
HUBBELL MULTI MEDIA HOUSING	Additional Component	Various Manufacturers	60HBNOPPL	\$ 11.20
Patch Panel 16-PORT CAT 5e	Additional Component	Various Manufacturers	60HBNP.P.5-16	\$ 168.73
24 PORT PATCH PANEL CAT 5E	Additional Component	Various Manufacturers	60HBNP5E24B19E	\$ 161.50
PATCH PANEL 24 PT CAT5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E24U	\$ 161.50
48-PORT CAT 5E PATCH PANEL HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48B19E	\$ 344.42
Patch Panel 48-PORT CAT 5e ,WM,& BRKT	Additional Component	Various Manufacturers	60HBNP5E48BF	\$ -
PATCH PANEL 48 PT. CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48U	\$ 289.00
PATCH PANEL 24 PORT CAT 6 HUBBELL	Additional Component	Various Manufacturers	60HBNP624U	\$ 248.20
WALL PLATES-HUBBELL	Additional Component	Various Manufacturers	60HBNP630516	\$ 12.75
WALL PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNP630S1G	\$ 15.30
PATCH PANEL HUBBELL 48-PT CAT 6	Additional Component	Various Manufacturers	60HBNP648U	\$ 416.01

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
COVER & BASE, ADHESIVE LANTRAK HUBBELL	Additional Component	Various Manufacturers	60HBNPL1ABC7	\$ 3.25
REBOX CABINET 32X24X10 GRAY	Additional Component	Various Manufacturers	60HBNRE4	\$ 416.70
BLANKS, SNAP IN ELECTRIC IVORY 10/PK	Additional Component	Various Manufacturers	60HBNSFB10	\$ 0.61
BLANK INSERTS, GRAY HUBBELL	Additional Component	Various Manufacturers	60HBNSFBG10	\$ 0.61
WHITE BLANK INSERTS (10-pk)	Additional Component	Various Manufacturers	60HBNSFBW10	\$ 0.63
F TYPE COAX COUPLER	Additional Component	Various Manufacturers	60HBNSFFGOW	\$ 4.85
COAX CONNECTORS F-TYPE HUBBELL WHITE	Additional Component	Various Manufacturers	60HBNSFFI	\$ 5.93
BLANK INSERTS FOR ISF F/PLATE	Additional Component	Various Manufacturers	60HBNSSB10	\$ 5.10
FACEPLATE, DUAL STAINLESS STEEL 1-G, 2 PORT W/ LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL12	\$ 16.24
FACEPLATE, STAINLESS STEEL, 1 GANG, 4 PORT W/LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL14	\$ 16.24
RACK, CHANNEL HUBBELL	Additional Component	Various Manufacturers	60HBNVC76	\$ 238.92
PATCH PANEL 12 PORT, CAT 6 VERTICAL ICC	Additional Component	Various Manufacturers	60ICNPP12V60	\$ 114.75
COMPRESSION TOOL, OMNISEAL EX IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN30703	\$ 171.77
Splitter Two Way Coax	Additional Component	Various Manufacturers	60IDN85-032	\$ 3.21
CONNECTORS, UNISEAL BNC IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN89058	\$ 4.81
3.5MM MALE TO 3.5MM MALE MONO-AUDIO CABLE 27"	Additional Component	Various Manufacturers	60JAN319206	\$ 1.85
WALL PLATE SG 1 PORT	Additional Component	Various Manufacturers	60LEN410801IP	\$ 1.84
BLANK INSERTS, LEVITON	Additional Component	Various Manufacturers	60LEN41084-BIB	\$ 0.26
SS WALL PHONE PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108W1SP	\$ 9.18
WALL PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108WOSP	\$ 10.20
DUAL GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290DMI	\$ 5.53
SINGLE GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290SMI	\$ 2.04
BLANK INSERTS 1 UNIT LEVITON	Additional Component	Various Manufacturers	60LEN412911BI	\$ 1.17
FLUSH ADAPTERS 1 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412911MI	\$ 1.02
FLUSH ADAPTERS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412912Q1	\$ 1.19
BLANK INSERTS 1.5" LEVITON	Additional Component	Various Manufacturers	60LEN412942BI	\$ 1.11
ANGLED ADAPTORS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412942Q1	\$ 1.28
LEVITON CAT 6 JACK WHITE	Additional Component	Various Manufacturers	60LEN61110ORW6	\$ 8.35
CAT 6 VOICE JACKS LEVITON	Additional Component	Various Manufacturers	60LEN61110R16	\$ 7.74
CAT 6 RJ45 JACKS GRAY LEVITON	Additional Component	Various Manufacturers	60LEN61110RG6	\$ 7.74
CAT 6 RJ45 JACKS BLUE LEVITON	Additional Component	Various Manufacturers	60LEN61110RL6	\$ 9.74
Leviton CAT 6 48 port patch panel	Additional Component	Various Manufacturers	60LEN69586U48	\$ 382.04
STAINLESS STEEL TYPE PLATES	Additional Component	Various Manufacturers	60LEN84013	\$ 1.84
WHITE DECO PLUS 6/PR OUTLET	Additional Component	Various Manufacturers	60LVN40756-BW	\$ 4.74
WHITE 2/PORT DECO PLUS O-LET	Additional Component	Various Manufacturers	60LVN40850-BW	\$ 4.74
CONNECTOR CRIMP ON RG6 QUAD LEVITON	Additional Component	Various Manufacturers	60LVN409850Q6	\$ 0.60
SPLICE INLINE FOR RG59U	Additional Component	Various Manufacturers	60LVN40986	\$ 0.36
BLANK INSERTS, (10-PK) GRAY SNAP IN MODULE LEVITON	Additional Component	Various Manufacturers	60LVN41084BGB	\$ 0.22

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
F-TYPE BULKHEAD MODULE	Additional Component	Various Manufacturers	60LVN41084FIF	\$ 2.04
SURFACE MT FIELD, 2 PORT	Additional Component	Various Manufacturers	60LVN410892IP	\$ 2.69
SIX POS / SIX COND JACK	Additional Component	Various Manufacturers	60LVN41106-RI6	\$ 3.57
PWR SUM T568A/B 8P/8C JK	Additional Component	Various Manufacturers	60LVN41108RO5	\$ 5.29
WALLPLATE, STAINLESS STEEL LEVITON	Additional Component	Various Manufacturers	60LVN430801S2	\$ 7.57
5/PR CONN BLKS 110	Additional Component	Various Manufacturers	60LVN49105-IDC	\$ 8.50
COAX BULKHEAD PANEL LEVITON	Additional Component	Various Manufacturers	60LVN49255H48	\$ 85.00
32-PORT FIELD CONF PNL	Additional Component	Various Manufacturers	60LVN49255Q32	\$ 68.37
4 PT MOD FURN FACEPLATE W/WINDOW GRAY LEVITON	Additional Component	Various Manufacturers	60LVN49910HG4	\$ 4.76
QUAD INSERT FOR MOD. FURN.,GREY LEVITON	Additional Component	Various Manufacturers	60LVN49910SG4	\$ 3.81
GIGAMAX SNAP IN JK RED 5E	Additional Component	Various Manufacturers	60LVN5G108-RR5	\$ 6.10
CAT 5E BLUE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RL5	\$ 5.44
GIGAMAX SNP-IN JACK ORANGE	Additional Component	Various Manufacturers	60LVN5G108RO5	\$ 5.02
CAT 5E WHITE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RW5	\$ 5.44
PATCH PANEL CAT5E 48-PORT	Additional Component	Various Manufacturers	60LVN5G596U48	\$ 272.00
CONNECTOR, SNAP IN EXTREME CAT 6+ , IVORY WIRED 568B L	Additional Component	Various Manufacturers	60LVN61110RI6	\$ 9.66
PATCH PANEL 24 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270-U24	\$ 204.00
PATCH PANEL 48 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270U48	\$ 382.04
CONNECTOR, SNAP IN EXTREME CAT 6+ WIRED 568 B LEVITON	Additional Component	Various Manufacturers	60LYN6110RI6	\$ -
HORIZONTAL CABLE MANAGEMENT MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPCD3645	\$ 260.63
VERTICAL MANAGEMENT 2"W X 3"D X 51RU MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPCP2351	\$ 150.16
HORIZONTAL CABLE MANAGER 2RU 3" DEEP MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPHCM23	\$ 40.39
WALL PLATES-PAINTED	Additional Component	Various Manufacturers	60MBN99477	\$ 1.87
WALL MOUNT BRACKET SX-200 ML/EL	Additional Component	Various Manufacturers	60MIN50000786	\$ 143.65
ORTRONICS WALL MOUNT EQUIP SHF	Additional Component	Various Manufacturers	60ORN60400006	\$ 108.80
WIRE MANAGEMENT PANEL 3.5 X 19 ORTRONICS	Additional Component	Various Manufacturers	60ORN6040005	\$ 68.00
MIGHTY MO RACK 6.5" CHANNEL ORTRONICS	Additional Component	Various Manufacturers	60ORN6040014	\$ 408.00
WALL MOUNT 48 FIBER PATCH ORTRONICS	Additional Component	Various Manufacturers	60ORN615SMFC	\$ 289.00
PANEL 6ST DUAL CER SM/MM ORTRONICS	Additional Component	Various Manufacturers	60ORN615ST6C	\$ 144.50
ST COUP PANEL MM METAL SL ORTRONICS	Additional Component	Various Manufacturers	60ORN615STDS	\$ 76.50
RACK MT 12 ST MTL RECESSE ORTRONICS	Additional Component	Various Manufacturers	60ORN62512PA	\$ 246.50
RACKMOUNT 12/ST CER RECESSE	Additional Component	Various Manufacturers	60ORN62512PB	\$ 306.00
WIRE MANANAGEMENT PANEL, FINGER DUCT 2 RMO, 3" HORIZO	Additional Component	Various Manufacturers	60ORN8080445	\$ 93.50
WIRE MGMNT 3.5 X 1.7	Additional Component	Various Manufacturers	60ORN8084759	\$ 48.96
HINGED BRACKET 24-PORT P.P.	Additional Component	Various Manufacturers	60ORNOR-60400	\$ 43.61
EQUIPMENT SHELF	Additional Component	Various Manufacturers	60ORNOR-60400405	\$ 85.87
PATCH PANEL PORT CAT 5E 24	Additional Component	Various Manufacturers	60ORNOR-PHD5E6U24	\$ 177.36
CAT 6 48 PT PATCH PANEL ORTRONICS	Additional Component	Various Manufacturers	60ORNPHD66U4	\$ 442.00

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Item Description	Item Type	Manufacturer	Model	Cost
JACKS, MINI COM CAT 5E IVORY PANDUIT	Additional Component	Various Manufacturers	60PANCJ5E88T	\$ 8.67
Mini Com Cat5e Jacks Ivory	Additional Component	Various Manufacturers	60PANCJ5E88TGEI	\$ 8.67
PANDUIT VERTICAL WIRE MANAGEMENT	Additional Component	Various Manufacturers	60PANWMBV2	\$ 22.98
CASE FAN 3" OR 3.5" 8X8 PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCASEFAN	\$ 25.48
FN ONLY FOR P3 OR AMD PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCPUFAN	\$ 33.98
ATM CPU FAN PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNCPUFAN	\$ 33.98
FIBER OPTIC WALL MT SPLICE & TERM LOADED 12F UNIT CENT	Additional Component	Various Manufacturers	60PCNFUI12SC	\$ 533.73
FIBER OPTIC RACK MOUNT SPLICE & TERM LOADED UNIT AND A	Additional Component	Various Manufacturers	60PCNFTS12C	\$ 623.49
FIBER OPTIC RACK SPLICE & TERM LOADED UNIT AND ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35036	\$ 1,324.64
FIBER OPTIC WALL RACK MT SPLICE & TERM LOADED ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35048	\$ 1,627.21
ATM POWER SUPPLY FAN 80MM PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNPSFAN	\$ 25.48
FAN OUT KIT PANDUIT	Additional Component	Various Manufacturers	60PDNBT2506	\$ 17.00
PANDUIT CAT 5E JACKS	Additional Component	Various Manufacturers	60PDNCJ588OR	\$ 8.04
CAT5E SHEILDDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS5E88T	\$ 8.42
CAT 6 SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS688TG	\$ 14.52
D RING HORIZ. CABLE MGMT 19"X1.5"X3" BLK PANDUIT	Additional Component	Various Manufacturers	60PDNCPMHF1	\$ 37.77
FAN OUT KIT 12/FIBERS	Additional Component	Various Manufacturers	60PDNF012CB	\$ 49.86
FAN OUT KIT FOR 6/FIBERS	Additional Component	Various Manufacturers	60PDNF06CB	\$ 26.10
FIBER OPTIC DUPLEX ADAPTER PANELS 3 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP3WBUD	\$ 87.13
3-PORT SC ADAPTER PANELS DPLX	Additional Component	Various Manufacturers	60PDNFAP3WDSC	\$ 73.44
FIBER OPTIC DUPLEX ADAPTER PANELS 6 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP6WBUD	\$ 174.25
6-PORT PANEL SC LOADED	Additional Component	Various Manufacturers	60PDNFAP6WDSC	\$ 147.63
RK MT 24/48 ENCLOSURE 1U	Additional Component	Various Manufacturers	60PDNFMD1	\$ 269.45
24 PORT FIBER OPTIC INTER CONNECT DRAWER	Additional Component	Various Manufacturers	60PDNFMD24	\$ 290.07
18/36 RACK MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME1	\$ 268.60
RK-MT FIBER ENCLOSURE 54/108	Additional Component	Various Manufacturers	60PDNFRME3	\$ 379.95
RACK MOUNT ENCLOSURE PANDUIT	Additional Component	Various Manufacturers	60PDNFRME4	\$ 456.23
48/96 PORT RACK MT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME48BL	\$ 297.59
72/144 PORT FIBER RM ENCLOSE	Additional Component	Various Manufacturers	60PDNFRME72BL	\$ 452.20
12/24 PORT FIBER OPTIC WALL ENC, PANDUIT	Additional Component	Various Manufacturers	60PDNFWME12BL	\$ 100.22
24/48 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME24EB	\$ 217.09
48/96 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME48BL	\$ 243.10
WIRE MGMNT PANEL (PANDUIT)	Additional Component	Various Manufacturers	60PDNWMP1	\$ 93.76
PANDUIT CABLE MANAGER COVER	Additional Component	Various Manufacturers	60PDNWMP1RFC	\$ 7.00
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 3'	Additional Component	Various Manufacturers	60PDNWMPF1E	\$ 70.41
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 1.5'	Additional Component	Various Manufacturers	60PDNWMPFSE	\$ 60.16
VERTICAL CABLE MGT 4X5 FRT/REAR 45RU PANDUIT	Additional Component	Various Manufacturers	60PDNWMPV45E	\$ 301.27
VERTICAL PANEL CENTER BRACKET	Additional Component	Various Manufacturers	60PDNWMPVCB	\$ 10.37



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Item Description	Item Type	Manufacturer	Model	Cost
WIRE MANAGEMENT PANELS (S & C)	Additional Component	Various Manufacturers	60PDNWMPVF20	\$ 82.45
VERTICAL MANAGER, FRONT ONLY PANDUIT	Additional Component	Various Manufacturers	60PDNWMPVF45E	\$ 185.64
VERTICAL WIRE MANAGEMENT FR. & REAR	Additional Component	Various Manufacturers	60PDNWMPVHC45	\$ 376.31
VERTICAL WIRE MANAGEMENT (FRONT)	Additional Component	Various Manufacturers	60PDNWMPVHCF45	\$ 376.31
FACEPLATE, RG6 LOADED, COAX PICO/MACOM	Additional Component	Various Manufacturers	60PINWP811V	\$ 0.82
WALL JACK PLATE STAINLESS STEEL ALLEN TEL	Additional Component	Various Manufacturers	60PRNSE-630A4	\$ 5.63
SC CONNECTORS 62.5 MICRON (FIBER)	Additional Component	Various Manufacturers	60SCN95-00041	\$ 22.53
SC SM F.O. CONNECTORS EPOXY	Additional Component	Various Manufacturers	60SCN95-20008	\$ 13.89
SC UNICAM SM FIBER OPTIC CONN	Additional Component	Various Manufacturers	60SCN95-2041	\$ 25.93
CONNECTOR ST- MM UNICAM CORNING	Additional Component	Various Manufacturers	60SCN95000-50	\$ 14.35
CONNECTOR ST SM UNICAM SGL MD PC CORNING	Additional Component	Various Manufacturers	60SCN9520051	\$ 22.08
SPLICE ENCLOSURE KIT	Additional Component	Various Manufacturers	60SCNBB2128882	\$ 124.30
FAN OUT KIT FOR LT CBL 12-F BUFFER 25" FAN OUT TUBING	Additional Component	Various Manufacturers	60SCNBT2512	\$ 22.95
CORNING FIBER ENCLOSURE	Additional Component	Various Manufacturers	60SCNCCH-02U	\$ 339.47
ADAPTER PANEL 12 STRAND CORNING	Additional Component	Various Manufacturers	60SCNCCH-CP12-91	\$ 71.40
CORNING FIBER ADAPTER	Additional Component	Various Manufacturers	60SCNCCHCP1215T	\$ 53.36
CORNING SM FIBER ADAPTER PANEL	Additional Component	Various Manufacturers	60SCNCHCP1259	\$ 98.60
CORNING FAN	Additional Component	Various Manufacturers	60SCNFBT2512	\$ 18.67
CORNING INDUSTRIAL FIBER HOUSING	Additional Component	Various Manufacturers	60SCNICH02P	\$ 476.00
SPLICE TRAY	Additional Component	Various Manufacturers	60SCNM67031M	\$ 58.11
PATCH PANEL, 24 PORT, RG6 LOADED, COAX SEMTRON	Additional Component	Various Manufacturers	60SENJP10124	\$ 106.25
WALL BRACKET FOR 60SENJP10124, COAX SEMTRON	Additional Component	Various Manufacturers	60SENWMB1014	\$ 56.95
ADAPTER PANEL, FIBER SC-12 SIEMON	Additional Component	Various Manufacturers	60SINRICFSC12	\$ 96.39
100 PAIR BASE W/LEGS SIEMON	Additional Component	Various Manufacturers	60SINS110AA21	\$ 37.98
300 PR 110 BASE W/LEGS 5 PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AA23	\$ 115.60
300 PR 110 BASE W/LEGS 4PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AB23	\$ 104.48
CONNECTORS, 4 PR- 110	Additional Component	Various Manufacturers	60SINS110C-4	\$ 0.95
RACK MOUNT 110 BLOCK SIEMON	Additional Component	Various Manufacturers	60SINS110DA21	\$ 102.41
DIST RING METAL 13C	Additional Component	Various Manufacturers	60SINSI-4755	\$ 2.13
CAT 7 JACKS SIEMON	Additional Component	Various Manufacturers	60SINT7F011	\$ 21.61
CAT 7 PATCH PANEL, 24 PORT UNLOADED SIEMON	Additional Component	Various Manufacturers	60SINTMPNLZ	\$ 91.51
110 500 PAIR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110M500	\$ 346.80
S110 500/PR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110MA2	\$ 337.45
WALL BRACKET FOR P.P. (48-PORT)	Additional Component	Various Manufacturers	60SPN442-516	\$ 43.59
Patch Panel 24-PORT CAT5e	Additional Component	Various Manufacturers	60SPN449-257	\$ 146.95
Patch Panel 48-PORT CAT-5/5E	Additional Component	Various Manufacturers	60SPN449-258	\$ 396.10
Patch Panel 12-PORT CAT5/5e	Additional Component	Various Manufacturers	60SPN449-685	\$ 99.35
RJ48X ASSEMBLY / SMART JACK	Additional Component	Various Manufacturers	60SPNRJ48X	\$ 6.31

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Item Description	Item Type	Manufacturer	Model	Cost
WIRE MGMT PANEL	Additional Component	Various Manufacturers	60SPNWM35-DS	\$ 57.46
6-CONDUCTOR SURFACE JACK IVORY	Additional Component	Various Manufacturers	60SUNSE625A-6	\$ 2.31
RJ-45X TELECOMM JACK / RJ-31X	Additional Component	Various Manufacturers	60SUNSE625A28	\$ 4.37
PE/PVC BLUE JACKET REELS SYSTIMAX	Additional Component	Various Manufacturers	60SYN1061	\$ 0.19
1 PORT MOD JACK CAT 5E ORANGE SYSTIMX	Additional Component	Various Manufacturers	60SYNMPS100E112	\$ 10.32
POLE HARDWARE	Additional Component	Various Manufacturers	60TVNPOLEHDW	\$ 1,600.77
TRENDENT 16 PORT DATA SWITCH W/ POE	Additional Component	Various Manufacturers	60TWNTPES88	\$ 380.80
CAT 6 SL 110 MOD JACK ALMOND TYCO	Additional Component	Various Manufacturers	60TYN13750551	\$ 10.35
CAT 6 SL 110 MOD JACK BLUE TYCO	Additional Component	Various Manufacturers	60TYN13750556	\$ 10.35
TBNC TO BNC, CABLE PLENUM 25' EXTRON	Additional Component	Various Manufacturers	60VSN2637804	\$ 176.80
WALL PLATE EXTRON	Additional Component	Various Manufacturers	60VSNWP180	\$ 255.00
110 TERMINATION BLOCK KIT ALLENTEL	Additional Component	Various Manufacturers	61ALN100C4KIT	\$ 44.74
5-PAIR CONN BLOCK 110 CAT5E NON-TERMINATED (COMES 100)	Additional Component	Various Manufacturers	61ATN10380125	\$ 1.09
PROJECTOR MOUNT, UNIVERSAL	Additional Component	Various Manufacturers	61CENRPAU	\$ 204.00
BRACKET, CABLE TRAY WALL 12" GRAY	Additional Component	Various Manufacturers	61CHN11421-112	\$ 28.90
B CONNECTORS SEALANT FILLED, BLUE	Additional Component	Various Manufacturers	61DONDC100S	\$ 0.14
WEATHERPROOF HOUSING W/SPRINGKIT ON DOOR	Additional Component	Various Manufacturers	61GAN255-14SP	\$ 277.10
CONNECTOR BLOCK KIT W/ BRACKETS & CLIPS	Additional Component	Various Manufacturers	61GBN100C5-KIT	\$ 40.92
110 BLOCK W/LEGS 100 PAIR ALLEN TEL	Additional Component	Various Manufacturers	61GBN110BK-100	\$ 22.39
GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	61GBN3B1E	\$ 3.83
66 MODULAR X-CONN BLOCK W/16-6	Additional Component	Various Manufacturers	61HBNBR256066	\$ 204.00
EQUIPMENT RACK 7'X19" RACK MT. VERTICAL BLK HUBBELL	Additional Component	Various Manufacturers	61HBNCR1976	\$ 637.50
WALL BRACKET HINGED HUBBELL	Additional Component	Various Manufacturers	61HBNHPWWB4U8	\$ 104.87
COAX BARREL CONNECTOR	Additional Component	Various Manufacturers	61HODCOAXCBLFDC	\$ 6.36
HINGED COVER, FIBERGLASS TYPE 4X HOFFMAN	Additional Component	Various Manufacturers	61HOND16148	\$ 222.70
MOUNTING BRACKETS FOR CS5200/5400 BASE SYSTEM	Additional Component	Various Manufacturers	61INN823.1392	\$ 17.00
CAT 5E PRIMARY PROTECTOR, 4 PAIR	Additional Component	Various Manufacturers	61ITNCAT5-LAN	\$ 117.30
CABLE MGMNT HORIZONTAL	Additional Component	Various Manufacturers	61LVN41DIR-HCM	\$ 28.82
200PR RK MT 110 BLK W/ 5-PR-CON	Additional Component	Various Manufacturers	61LVN41DBR-2FS	\$ 139.83
300PR RK MT 110 BLK W/ 5-PR CON	Additional Component	Various Manufacturers	61LVN41DBR-3FS	\$ 200.60
BRACKET, PKM 48 LONG	Additional Component	Various Manufacturers	61MIN13280029	\$ 30.35
BIX DIST CONN CAT5 4/PR	Additional Component	Various Manufacturers	61NCNA0393146	\$ 9.06
GAS TUBE PROTECTOR DATA	Additional Component	Various Manufacturers	61PSN1504PX27	\$ 102.43
50 PAIR QUICK CLIP IN RJ21X 9 (GAS TUBES/W/66 IN AND FRJ (RJ2	Additional Component	Various Manufacturers	61PSN2405066F	\$ 450.50
100 PR PROTECTOR, MODULES INCLUDED W/ COVER PORTA SY	Additional Component	Various Manufacturers	61PSN2510066	\$ 799.34
25/GAS TUBE PROTECTOR W/BLOCK	Additional Component	Various Manufacturers	61PSN58IP-225	\$ 247.81
DELTA PROTECTOR MODULE-230V	Additional Component	Various Manufacturers	61PSN95BCDXN230	\$ 2.52
HINGED COVER ORANGE 66-BLOCK	Additional Component	Various Manufacturers	61PTNPSH66MO	\$ 1.67

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Item Description	Item Type	Manufacturer	Model	Cost
B-CONNECTOR	Additional Component	Various Manufacturers	61RENRB-1000	\$ 0.09
CONNECTOR BLOCK FOR 66	Additional Component	Various Manufacturers	61SEN66B4-25	\$ 42.72
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
PROJECTOR BRACKET, RPAU UNIVERSAL	Additional Component	Various Manufacturers	61UNNRPAU	\$ 204.00
24-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62-CA-N/024KSA20	\$ 3.06
48-STRAND ID/OD FOC mm 62.5/125	Additional Component	Various Manufacturers	62-CA-N/048KWA20	\$ 5.36
Cable 12 PR/24 GUAGE FIG '8' O/H (1/4" MESSENGER)	Additional Component	Various Manufacturers	62ALN12/24O/H	\$ 1.11
Cable FIG '8' O.H.	Additional Component	Various Manufacturers	62ALN6/24 O/H	\$ 0.99
CABLE, 12 PR OUTSIDE/OVERHEAD 24-12 EXCHANGE CABLE PE	Additional Component	Various Manufacturers	62ALNE001224	\$ 0.82
VIDEO/POWER CABLE 100' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL100P	\$ 32.28
VIDEO/POWER CABLE 50' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL50PV	\$ 23.78
Cable 50 PAIR, 24G UNDERGROUND	Additional Component	Various Manufacturers	62ATN50/24UG	\$ 2.57
Cable DATATWIST 350MHZ CAT5E BLUE	Additional Component	Various Manufacturers	62BDN1700A-B	\$ 0.13
Cable DATATWIST 350MHZ CAT5E WHITE	Additional Component	Various Manufacturers	62BDN1700A-W	\$ 0.13
RG11 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN3094A	\$ 0.62
RG6 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN7916A	\$ 0.16
RG 6 COAX NON-PLENUM	Additional Component	Various Manufacturers	62BDN9116	\$ 0.10
RG6 CO-AXIAL CABLE (Non-Plenum)	Additional Component	Various Manufacturers	62BDNRG6	\$ 0.22
CAT 5e 4PR NON-PLENUM - BLUE BERK-TEK	Additional Component	Various Manufacturers	62BEN10032426	\$ 0.13
CAT 5E 4 PR NON-PLENUM - GRAY BERK-TEK	Additional Component	Various Manufacturers	62BEN10032447	\$ 0.13
Cable 18/2 Twisted Shielded Plenum BE	Additional Component	Various Manufacturers	62BEN887600021000	\$ 0.68
FIBER OPTIC CABLE 6 STRAND MM PLENUM ARMOR BERK-TEK	Additional Component	Various Manufacturers	62BENMIPJ6DN	\$ 2.57
Cable RG/59U Plenum BE	Additional Component	Various Manufacturers	62BENR659UP	\$ 0.48
Cable RG/6U Quad Shield Plenum BE	Additional Component	Various Manufacturers	62BENRG6UPTQ	\$ 0.72
EHS STEEL STRAND 1/4" (5/M FT ROLLS)	Additional Component	Various Manufacturers	62BHNEHS14US	\$ 0.27
CABLE KIT, 10' - WHITE BOGEN	Additional Component	Various Manufacturers	62BONCK10W	\$ 15.30
MESSENGER CABLE 1/4 " strand	Additional Component	Various Manufacturers	62BRN1/4	\$ 0.32
Cable CROSS CONNECT WIRE	Additional Component	Various Manufacturers	62BRN1/PR	\$ 0.05
CAT 5E 5' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-005	\$ 4.17
CAT 5E 10' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-010	\$ 5.87

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 2000 BLUE, BERK-TEK LANMARK	Additional Component	Various Manufacturers	62BTN10064547	\$ 0.88
F.O.C. 6/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX06055D	\$ 0.51
F.O.C. 12/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX12065D	\$ 0.88
Cable 6-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-006	\$ 1.02
Cable 12-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-012	\$ 0.70
Cable 24-STRAND H.DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-024	\$ 1.84
Cable 48-STRAND H.DUTY RISE sm	Additional Component	Various Manufacturers	62BTNLTR-048	\$ 2.47
FIBER 6 STRAND, 62.5, MULTI MODE, I/O	Additional Component	Various Manufacturers	62BTNLTR006CB3510/25-BT	\$ 0.99
Cable 6/STRAND FOC mm W/ARMORED	Additional Component	Various Manufacturers	62BTNOPA-006	\$ 1.43
Cable 6-STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-006	\$ 0.55
Cable 24 STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-024	\$ 3.71
6 STRAND SINGLE MODE PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR006AB1010	\$ 0.38
12 STRAND 50 MICRON MM PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR012LB351575	\$ 1.53
BURNDY MECHANICAL LUGS	Additional Component	Various Manufacturers	62BUNKA2U	\$ 1.31
12-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62CAN012KSA20	\$ 2.47
GROUND WIRE, INSULATED, GREEN JACKET	Additional Component	Various Manufacturers	62CAN6AWG	\$ 0.40
CARLON 1 IN. PLENUM INNERDUCT	Additional Component	Various Manufacturers	62CANCF4X1C-1000	\$ 2.67
PLENUM 1" INNERDUCT ORANGE CARLON	Additional Component	Various Manufacturers	62CANCF4X1C-500	\$ 2.67
PLENUM 1" ORANGE W TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANCF4X1C-8000	\$ 2.86
1" RISER PVC ORG. TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANDF4X1C-9400	\$ 1.14
COAX CABLE PARAMTR 111 75 SER COMPND	Additional Component	Various Manufacturers	62CMNP3875J	\$ 1.79
Corning 6 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN006R8F31131-29	\$ 0.88
Corning 12 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN012R8F31131-29	\$ 1.19
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048KW4-74130A20	\$ 6.55
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048RW4-74101A20	\$ 1.09
6-STRAND sm IN-OUT F.O.C.	Additional Component	Various Manufacturers	62CNN373-COR8.3LTD-06	\$ 0.34
CORNING INTERLOCKING ARMOR PLENUM	Additional Component	Various Manufacturers	62CON006K8831130A3	\$ 2.64
Fiber Freedom 6 strand MM	Additional Component	Various Manufacturers	62CON006K8F-31130-29	\$ 1.68
6 STRAND 62.5/125 LT DUCT/AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON006KW4	\$ 1.02
CORNING 6 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON006TU4	\$ 105.40
FIBER 12 STRAND SM MIC CORNING	Additional Component	Various Manufacturers	62CON012E88	\$ 1.14
CABLE, FIBER OPTIC 12/STRAND 8.3/125 LT. DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON012EUC	\$ 0.77
12 STRAND FIBER OPTIC CABLE ARMORED PLENUM MM	Additional Component	Various Manufacturers	62CON012K88	\$ 3.83
12-STRAND 62.5/125 LT DUCT/AERIAL ALTOS GEL FREE	Additional Component	Various Manufacturers	62CON012KW4	\$ 1.79
12 STRAND FIBER OPTIC CABLE FIG "8" ARIEL MM	Additional Component	Various Manufacturers	62CON012KWA	\$ 2.11
12 STRAND FIBER OPTIC CABLE ARMORED	Additional Component	Various Manufacturers	62CON012KWC	\$ 1.90
CORNING 12 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON012TU4	\$ 1.50
FIBER 24 STRAND MM MIC CORNING	Additional Component	Various Manufacturers	62CON024K88	\$ 4.42

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
24 STRAND 62.5/125 LT. DUCT/ AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON024KW4	\$ 3.23
CORNING 24 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON024TU4	\$ 2.77
CABLE, FIBER OPTIC 48/STRAND 8.3/125 LT.DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON048EUC	\$ 1.29
Fiber Optic Cable 48/Strand mm Indoor // Outdoor Lt. Duct Aerial	Additional Component	Various Manufacturers	62CON048TU4	\$ 6.21
COAX RG6 PLENUM COMM/SCOPE WHITE ( 1/M)	Additional Component	Various Manufacturers	62CON2227V	\$ 0.83
CABLE, ARMORED PLENUM 6-F 62.5/125 CORNING	Additional Component	Various Manufacturers	62CON370406A	\$ 2.79
FIBER OPTIC CABLE 12 STRAND ARMoured PLENUM 50 MICRON	Additional Component	Various Manufacturers	62CON370COR0M2	\$ 3.66
CABLE 6 STRAND FOC MM W/ ARMORED	Additional Component	Various Manufacturers	62CON372625	\$ 1.22
CABLE, FIBER OPTIC ARMOR MM(MULTIMODE) 24 STRAND INDOOR	Additional Component	Various Manufacturers	62CONMIPJ24D	\$ 6.68
CABLE RG6 QUAD SHIELD COAX NON-PLENUM	Additional Component	Various Manufacturers	62CONRG6NP	\$ 0.16
FIBER OPTIC CABLE, SINGLE MODE 6 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN006EUE	\$ 0.92
FIBER OPTIC CABLE 6 STRAND MM INTERLOCKING ARMOR CORNING	Additional Component	Various Manufacturers	62CRN006K813	\$ 1.87
Fiber Optic Cable 6/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN006TU4-T4131D20	\$ 0.88
Single Mode Fiber Optic Cable 12/Strand Gel Free Enhanced Jacket	Additional Component	Various Manufacturers	62CRN012EUE	\$ 1.46
FIBER OPTIC CABLE, SINGLE MODE 12 STRAND GEL FREE CORNING	Additional Component	Various Manufacturers	62CRN012EVC	\$ 0.65
MM 12-STRAND FREEDOM IN/OUT	Additional Component	Various Manufacturers	62CRN012KSFMM	\$ 1.87
12-STRAND mm I/O FREEDOM FOC	Additional Component	Various Manufacturers	62CRN012MMFIO	\$ 2.01
Fiber Optic Cable 12/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN012TU4-T4131D20	\$ 1.43
CABLE, FIBER OPTIC 24 STRAND SM LT. DUCT/AERIAL CORNING	Additional Component	Various Manufacturers	62CRN024EU4	\$ 0.58
Fiber Optic Cable 24/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN024TU4-T4131D20	\$ 2.77
FIBER OPTIC CABLE,SINGLE MODE 36 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN036EUE	\$ 1.72
6/STRAND mm PLENUM RISER	Additional Component	Various Manufacturers	62CRN370-949-FDDI-06	\$ 1.12
6 STRAND MM FIBER CABLE 62.5 I/O	Additional Component	Various Manufacturers	62CRN625LTD06	\$ 1.02
FIBER OPTIC 6 STRAND MM FIG. "8" AERIAL CORNING	Additional Component	Various Manufacturers	62CRNLTFIG806	\$ 1.39
12" CABLE RUNWAY - GRAY	Additional Component	Various Manufacturers	62CWN10250-112	\$ 93.50
CABLE TRAY 15" CHATSWORTH	Additional Component	Various Manufacturers	62CWN10250115	\$ 123.42
Cable ENGЕНИUS EXT-ANTENNA W/60	Additional Component	Various Manufacturers	62EGNSNULAK20	\$ 225.51
INNERDUCT 1" OSP HDPE ORG WPP ROPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNICE100	\$ 0.37
INNERDUCT 1" PLENUM WHT W/TAPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNIPR1	\$ 2.45
Cable 150 PAIR TELEPHONE	Additional Component	Various Manufacturers	62ETN150PR	\$ 2.13
CABLE VGA 75' MALE - MALE 15 PIN EXTRON	Additional Component	Various Manufacturers	62EXN2623819	\$ 180.20
PRETERMINATED BNC CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2626016	\$ 247.35
PRETERMINATED M-C S-VIDEO CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2631606	\$ 61.20
Cable 14/2 Plenum GC	Additional Component	Various Manufacturers	62GCN31284186	\$ 0.28
Cable 18/4 Plenum GC	Additional Component	Various Manufacturers	62GCN4C18CMP	\$ 0.21
Cable 18/2 Plenum GC	Additional Component	Various Manufacturers	62GCNC31124186	\$ 0.13
DOOR SECURITY CABLE 18G/6C SHLD PLENUM	Additional Component	Various Manufacturers	62GCNHOU1806SCMP	\$ 0.65
CABLE 300 PAIR, UNDERGROUND, GENERAL	Additional Component	Various Manufacturers	62GENDB300P	\$ 10.86

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CAT5+PLENUM 350 MHZ	Additional Component	Various Manufacturers	62GRB5224148	\$ 0.30
PULL ROPE 3/8" X 600' REEL IDEAL	Additional Component	Various Manufacturers	62IDN31845	\$ 0.40
1/PAIR X-CONNECT ORANGE	Additional Component	Various Manufacturers	62INN900.9045OR	\$ -
1/PAIR X-CONNECT RED/WHITE	Additional Component	Various Manufacturers	62INN900.9045RD	\$ 0.02
1/PAIR X-CONNECT YELLOW/BLUE	Additional Component	Various Manufacturers	62INN900.9045YL/BL	\$ 0.02
Cat 5E 100MHZ Blue	Additional Component	Various Manufacturers	62INN902.9001	\$ 0.00
Cat 5E100 MHZPlenum White	Additional Component	Various Manufacturers	62INN902.9001WH	\$ 0.00
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
Cable RG-59U CO-AX	Additional Component	Various Manufacturers	62KWNRG-59U	\$ 0.19
CABLE 2287K COMMSCOPE	Additional Component	Various Manufacturers	62KWNRG112287K	\$ 2.13
LEVITON 300 PR 110 BLOCK KIT	Additional Component	Various Manufacturers	62LEN41AB2-3FT	\$ 83.30
100 PR 110 BLOCK KIT W/ C-5'S	Additional Component	Various Manufacturers	62LEN41AB21F5	\$ 34.00
LEVITON CAT 6 96 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-1F4	\$ 59.50
LEVITON CAT 6 288 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-3F4	\$ 156.40
Cable GROUND WIRE SOLID #10 GREEN	Additional Component	Various Manufacturers	62LFN#10	\$ 0.15
Cable MEGALAN OUTSIDE CAT5e	Additional Component	Various Manufacturers	62MHN5EX0424	\$ 0.48
MOHAWK CAT 6 BLUE PLENUM CABLE	Additional Component	Various Manufacturers	62MON6P4P24	\$ 0.59
CAT 3 50 PR. PLENUM MOHAWK OR BERK-TEK	Additional Component	Various Manufacturers	62MONM56126	\$ 2.38
GROUND CLAMP FOR WATER PIPE CROUSE-HIND	Additional Component	Various Manufacturers	62MWN141DC	\$ 1.80
CABLE, AUDIO 75'	Additional Component	Various Manufacturers	62NON2002PP75	\$ 113.90
AUDIO CABLE 75'	Additional Component	Various Manufacturers	62NON2P2P75	\$ 115.60
CABLE, VIDEO 75'	Additional Component	Various Manufacturers	62NONPPCV75	\$ 108.80
ARMOR, INTERLOCKING 12 FIBER PLENUM 62.5/125 OPTICAL	Additional Component	Various Manufacturers	62OPNDX12060KW900	\$ 4.42
G-PURPOSE I/D ORNGE, W/PULL	Additional Component	Various Manufacturers	62PMNGP-125T	\$ 1.12
PLENUM 1.25" DIAMETER INNERDUCT W/PULL TAPE - WHITE	Additional Component	Various Manufacturers	62PMNPLM125T	\$ 4.00
TELCO CLUSTER BAR 12 RJ-11 USOC 4-PR	Additional Component	Various Manufacturers	62PRNFM030	\$ -
PVC CONDUIT- COMES IN 10' PCS.	Additional Component	Various Manufacturers	62PVCCON2	\$ 0.80
CABLE STANDS	Additional Component	Various Manufacturers	62RAN11455	\$ 117.50
AUDIO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCN2PP25P	\$ 102.00
VIDEO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCNCV25HRP	\$ 68.00

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Item Description	Item Type	Manufacturer	Model	Cost
62.5/125 MICRON TB RISER MM FIBER CORNING	Additional Component	Various Manufacturers	62SCN012K81	\$ 1.68
ENDOCORE 1" PVC INNERDUCT	Additional Component	Various Manufacturers	62SCNICE100	\$ 0.31
200 PR SEALPIC DIRECT BURIAL CABLE PE-89	Additional Component	Various Manufacturers	62SEN200PRDBC	\$ 3.49
CAT 3 25 PR	Additional Component	Various Manufacturers	62SEN25PRP24	\$ 0.88
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340026G01	\$ 0.34
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340029101	\$ 0.24
24 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440246G01	\$ 3.83
24 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440249101	\$ 2.38
Cable Cat 5E Plenum100MHZ SE Blue	Additional Component	Various Manufacturers	62SEN5124128	\$ 0.31
Cable Cat 5E Plenum 100MHZ SE Gray	Additional Component	Various Manufacturers	62SEN5124138	\$ 0.23
CAT 5E 25PR 24GA PLENUM	Additional Component	Various Manufacturers	62sen5147848	\$ 5.36
CAT5E 25 PAIR	Additional Component	Various Manufacturers	62SEN5147848NFR	\$ 5.92
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04

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Item Description	Item Type	Manufacturer	Model	Cost
CABLE 100 TO 400 MHZ BLUE	Additional Component	Various Manufacturers	62STN1-4B	\$ 0.30
CABLE 100 TO 400 MHZ WHITE	Additional Component	Various Manufacturers	62STN1-4W	\$ 0.30
25 PR .24GA EXCHANGE CABLE PE 22 AIRCORE SUPERIOR	Additional Component	Various Manufacturers	62SUNE002524	\$ 1.00
Cable 12/PAIR .24GA O/H FIG-8	Additional Component	Various Manufacturers	62TSN12/24-OH	\$ 0.82
Cable 12/PAIR 24GA UNDERGRND	Additional Component	Various Manufacturers	62TSN12/24-UG	\$ 0.31
SPKR WIRE 2/PR 1/PR SHLDED	Additional Component	Various Manufacturers	62WPN253757B	\$ 0.22
Cable - 2pr 1pr shielded - White speaker	Additional Component	Various Manufacturers	62wpm357	\$ 0.18
FIRESTOP WATERBASE CAULK 5-GL	Additional Component	Various Manufacturers	633MNCP25WB	\$ 375.00
FIRESTOP (TUBED)	Additional Component	Various Manufacturers	633MNCP25WB&CAULK	\$ 14.21
MOLDABLE PUTTY STICKS (FIRESTOP) 1.5" X 11" 3M	Additional Component	Various Manufacturers	633MNMP+	\$ 19.70
CLAMP 1 1/4 STRAP T-20	Additional Component	Various Manufacturers	63ABN9000200	\$ 0.29
D RINGS 8" CUT ALLENTEL	Additional Component	Various Manufacturers	63ALNGB10C	\$ 2.81
D RINGS 8" ALLENTEL	Additional Component	Various Manufacturers	63ALNGB13C	\$ 2.30
UNICAM INSTALLATION TOOL	Additional Component	Various Manufacturers	63ANNTLUCO1	\$ 561.00
WALL MOUNT CABINET 8U	Additional Component	Various Manufacturers	63BBNRM2412A	\$ 484.50
GROUND ROD CLAMP 5/8	Additional Component	Various Manufacturers	63BCNGRC58	\$ 5.05
CONDUIT HANGER WITH BOLT 3 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN7B	\$ 1.22
CONDUIT HANGER WITH BOLT 4 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN9B	\$ 3.49
BRIDLE RING 2-INCH	Additional Component	Various Manufacturers	63CFN4BRT32	\$ 1.29
CLAMPS - CONDUIT 1 1/4"	Additional Component	Various Manufacturers	63CFN6H2.5B	\$ 0.51
CLAMPS - CONDUIT 2" THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H5B	\$ 0.78
3" PIPE HANGER W/ NUT BOLT THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H7B	\$ 1.23
CLAMPS - BEAM	Additional Component	Various Manufacturers	63CFNBC260025EG	\$ 1.11
CLIP CABLE SUPPORT 1/8-1/2 FLNG	Additional Component	Various Manufacturers	63CFNCAT21BC	\$ 0.61
J - HOOKS 2"	Additional Component	Various Manufacturers	63CFNCAT32	\$ 4.08
CABLE HANGER ASSEMBLY	Additional Component	Various Manufacturers	63CFNCAT425	\$ 18.45
BUS BAR BICSI TMG 1/4 IN X 2 CHATSWORTH	Additional Component	Various Manufacturers	63CHN1362201	\$ 110.42
CISCO AIRONET 1300 ROOF MOUNT KIT	Additional Component	Various Manufacturers	63CIN1300KIT	\$ 273.70
CISCO AIRONET 1310 OUTDOOR ACCESS POINT/BRIDGE	Additional Component	Various Manufacturers	63CIN1310	\$ 1,303.90
PROTECTION PANEL CIRCA 100 PR	Additional Component	Various Manufacturers	63CIN1890ECT1	\$ 527.00
CISCO 2821 SECURITY BUNDLE ROUTER 2U IOS ADV MITEL DATA	Additional Component	Various Manufacturers	63CIN2821	\$ 5,630.40
CISCO CATALYST 2960G 48 PORT GIGABIT MITEL DATANET	Additional Component	Various Manufacturers	63CIN2960G48	\$ 5,518.20
CISCO 3550 24 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550	\$ 3,357.50
CISCO 3550 48 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550-48	\$ 5,355.00
Cisco Catalyst 3560-24PS SMI PoE	Additional Component	Various Manufacturers	63CIN3560-24PS	\$ 4,332.28
48 PORT 3560 SWITCH CISCO	Additional Component	Various Manufacturers	63CIN3560-48	\$ 6,174.40
CISCO CATALYST 3560-24PS	Additional Component	Various Manufacturers	63CIN356024PS	\$ 3,950.80
SWITCH , ETHERNET 48 PORT POE CISCO	Additional Component	Various Manufacturers	63CIN3750G	\$ 16,660.00



# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
MODULE, EXPANSION CISCO GIGABIT ETHERNET 4 PORTS	Additional Component	Various Manufacturers	63CIN51202941	\$ 637.50
SWITCH, 300 SERIES, MANAGED SG 300 - 10P CISCO	Additional Component	Various Manufacturers	63CIN51204519	\$ 603.50
AIRONET 1130AG SERIES WAP CISCO	Additional Component	Various Manufacturers	63CINAIRAP11	\$ 731.00
12 SWITCH CISCO	Additional Component	Various Manufacturers	63CINC295012	\$ 1,003.00
CISCO SMARTNET 8X5XNBD-SMS-1	Additional Component	Various Manufacturers	63CINCONSNTSMS	\$ 1.45
GBIC TRANSCEIVER MODULE, 1000BASE-LX 1000BASE-LH PLUG IN	Additional Component	Various Manufacturers	63CING5486	\$ 1,202.85
GBIC, MINI SFP TRANSCEIVER MODULE, 1000 BASE-LZ, 1000 BASE-SX	Additional Component	Various Manufacturers	63CINGLCLHSM	\$ 1,020.00
GBIC 100 BASE-SX	Additional Component	Various Manufacturers	63CINGLCSXMM	\$ 382.50
LINKSYS TRANSC MOD SFP GB EN CISCO	Additional Component	Various Manufacturers	63CINMGBSX1	\$ 214.20
FLEX PVC 1 1/2 L/T 4T (PER/FT) CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLN1501010	\$ 2.99
FLEXCONN, 1 1/2 STR L/T CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLNLT43H	\$ 29.04
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CON2CZYLSIC	\$ 0.31
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CONMPN2CZLORBER	\$ 0.44
ROPE 3/16" X 1000 CONDUIT FISH LINE	Additional Component	Various Manufacturers	63CRN02398	\$ 52.70
ANCHOR KIT - CONCRETE CHATSWORTH	Additional Component	Various Manufacturers	63CWN40604003	\$ 14.40
DRIVE RINGS 1 1/4 INCH	Additional Component	Various Manufacturers	63DMN30-00807	\$ 0.53
SCREW,V4 X 1 RND HEAD DOTPIC	Additional Component	Various Manufacturers	63DON1/4SCREW	\$ 0.18
WASHER, 1/4 X 1 WASHER DOTPIC	Additional Component	Various Manufacturers	63DON1/4WASHER	\$ 0.12
CONDUIT CLIP 1/2-3/4	Additional Component	Various Manufacturers	63ECN812M	\$ 0.33
FLEX LIQ TIGHT CONDUIT	Additional Component	Various Manufacturers	63EFNEF11-GRY	\$ 0.73
DC EMT SET-SCREW CONN 4-INCH	Additional Component	Various Manufacturers	63EPN239-DC2	\$ 4.63
PLASTIC INSUL BUSHING 4-INCH	Additional Component	Various Manufacturers	63EPN330	\$ 4.63
J - HOOK ASSEMBLED TO HAMMER ON FLANGE ERICO	Additional Component	Various Manufacturers	63ERNCAT2124	\$ 4.73
J - HOOK ASSEMBLED W/ BEAM CLAMP ERICO	Additional Component	Various Manufacturers	63ERNCAT32BC	\$ 6.10
COPPERBND GRND ROD 5/8X8	Additional Component	Various Manufacturers	63ETN615880	\$ 11.00
66 / 110 TERMINATION BLADE FLUKE NETWORKS	Additional Component	Various Manufacturers	63FLN0178600	\$ 45.80
66 BLADE / DULL FLUKE NETWORKS, INC.	Additional Component	Various Manufacturers	63FLN10056000	\$ 29.60
JUNCTION BOX (2 PC)	Additional Component	Various Manufacturers	63GBN3510IW-A	\$ 6.66
WIREMOLD FLUSH DUAL FACEPLATE	Additional Component	Various Manufacturers	63GBN5507FRJ	\$ 4.10
WIREMOLD BUSHING	Additional Component	Various Manufacturers	63GBN702	\$ 0.43
BLACK RUBBER FLOOR GUARD	Additional Component	Various Manufacturers	63GBNBK1400-10	\$ 2.41
HOOK, DRIVE 4 3/4"	Additional Component	Various Manufacturers	63GBNC2050190	\$ 1.50
C5 CLIPS (GOES ON 110 BLOCK)	Additional Component	Various Manufacturers	63GBNGB110-C5	\$ 7.65
A-B-SWITCH	Additional Component	Various Manufacturers	63GBNGB477	\$ 17.00
SCREWS 8 X 3/4 PAN HD TAPPING	Additional Component	Various Manufacturers	63GBNJTS20	\$ 0.05
CAT 6 RJ45 TO 110 CORD	Additional Component	Various Manufacturers	63GBNRJ45	\$ 27.20
WIREMOLD STEEL BOX	Additional Component	Various Manufacturers	63GBNV5744	\$ 22.10
WIREMOLD STEEL BOX -2 1/4 " DEEP	Additional Component	Various Manufacturers	63GBNV5744S	\$ 18.67

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Item Description	Item Type	Manufacturer	Model	Cost
WIREMOLD STEEL RACEWAY	Additional Component	Various Manufacturers	63GBNV700	\$ 1.70
WIREMOLD MOUNTING STRAP	Additional Component	Various Manufacturers	63GBNV704	\$ 0.54
WIREMOLD CONNECTION COVER	Additional Component	Various Manufacturers	63GBNV706	\$ 0.58
WIREMOLD FLAT ELBOW	Additional Component	Various Manufacturers	63GBNV711	\$ 1.96
WIREMOLD INTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV717	\$ 2.55
WIREMOLD EXTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV718	\$ 2.38
F CONNECTORS FOR PVC RG6 COAX	Additional Component	Various Manufacturers	63GINGF6AHS	\$ 0.63
TONE TEST SET GENERATOR W/MOD CORD & CLIPS GREENLEE	Additional Component	Various Manufacturers	63GRN166855	\$ 56.10
SQUARE COVER 4" FOR SINGLE DEVICE	Additional Component	Various Manufacturers	63GRN52CO	\$ 1.02
FISH RODS / STICKS GREENLEE	Additional Component	Various Manufacturers	63GRN54015	\$ 74.58
FLEX LIQUID TIGHT CONDUIT 3/4	Additional Component	Various Manufacturers	63GRNEF12GRY3/4	\$ 0.77
CONDUIT STRAP 3/4 1H STL	Additional Component	Various Manufacturers	63GRNHS102	\$ 0.37
2" STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN2EMT	\$ 2.41
ELBOW, 90 DEGREE 2"	Additional Component	Various Manufacturers	63GVN2EMTELL	\$ 7.29
3 " STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN3EMT	\$ 4.78
ELBOW, 90 DEGREE 3"	Additional Component	Various Manufacturers	63GVN3EMTELL	\$ 26.49
RENTAL OF 1000' FISHTAPE	Additional Component	Various Manufacturers	63HANFISHTAPE	\$ 255.00
CUBICLE JACK HOUSING PLATE	Additional Component	Various Manufacturers	63HBNHMR-BBK	\$ 3.13
BEZEL FOR FLOOR BOXES, GRAY - KIT (10-PK)	Additional Component	Various Manufacturers	63HBNHWM2KGY10	\$ 15.62
CEILING FITTING HUBBELL	Additional Component	Various Manufacturers	63HBNMT134CF	\$ 4.35
1 GANG BOX STANDARD MT3 HUBBELL	Additional Component	Various Manufacturers	63HBNMT345BA	\$ 5.20
MEDIA TRACK 3 7' HUBBELL	Additional Component	Various Manufacturers	63HBNMT3ABC7	\$ 1.70
1 GANG STD BOX 1.78IN D HUBBELL	Additional Component	Various Manufacturers	63HBNMT678SB	\$ 6.05
CONDUIT ADAPTERS	Additional Component	Various Manufacturers	63HBNMT67CACF	\$ 5.41
MEDIA TRACK 6 (RACEWAY) 7' LENGTH	Additional Component	Various Manufacturers	63HBNMT6ABC7	\$ 2.13
BASE AND COVER W/ ADHESIVE 7 FT MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8ABC7	\$ 27.81
FITTING END CAP MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EC	\$ 1.70
ELBOW FTNG EXT B C MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EEBC	\$ 5.63
FLAT ELBOW BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8FEBC	\$ 5.42
ELBOW, INTR BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8IEBC	\$ 5.42
SPLICE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8SC	\$ 1.02
BOX, POLYTRAK 1 - G 1.78D STD HUBBELL	Additional Component	Various Manufacturers	63HBNPDB12S	\$ 6.78
CEILING CONDUIT LANTRAK HUBBELL	Additional Component	Various Manufacturers	63HBNPLP1CACF	\$ 5.78
BEZEL FOR WALKER FLOOR BOXES FOR HUBBELL JACKS	Additional Component	Various Manufacturers	63HBNRFB2ABSS	\$ 15.30
NM4/12 FLUSH ENCLOSURE	Additional Component	Various Manufacturers	63HENCFM12126	\$ 408.00
Firestop cartridge Hilti	Additional Component	Various Manufacturers	63HIN259580	\$ 22.67
PULL BOX 12 X 12 NO K HOFFMAN ENGINEERING	Additional Component	Various Manufacturers	63HONASG12	\$ 26.08
PULL BOX 24" X 18" X 6" HOFFMAN ENGINEERING CO.	Additional Component	Various Manufacturers	63HONASG24	\$ 85.00

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Item Description	Item Type	Manufacturer	Model	Cost
FLOOR BOX W/RECPT PEDESTAL	Additional Component	Various Manufacturers	63HVNSC3091	\$ 86.96
FISHTAPE - 1/4" 100 FT./CASE	Additional Component	Various Manufacturers	63ID31063	\$ 2.29
FISH TAPE 200 FT 1/4"	Additional Component	Various Manufacturers	63IDN31-065	\$ 386.31
LUBRICANT IDEAL YELLOW - 77 5 GALLON	Additional Component	Various Manufacturers	63IDN31-375	\$ 98.60
LUBRICANT YELLOW-77 IDEAL (1-GAL) WIRE PULLING	Additional Component	Various Manufacturers	63IDN31351	\$ 26.57
RIVETS FOR WALL MOUNT ENDPOINT	Additional Component	Various Manufacturers	63INN808.1503	\$ -
SCREWS, ITW TAPCON 1/4" X 1 3/4"	Additional Component	Various Manufacturers	63ITNCSH-20	\$ 0.37
COUPLING DUPLEX ST LEVITON	Additional Component	Various Manufacturers	63LEN412912TI	\$ 18.94
COUPLING DUPLEX SC LEVITON	Additional Component	Various Manufacturers	63LEN41291PCI	\$ 35.97
BLANK MODULE 2 UNIT LEVITON	Additional Component	Various Manufacturers	63LEN412922BI	\$ 1.38
POWER POLE 12' 2" IVORY HUBBELL	Additional Component	Various Manufacturers	63LFN12AI	\$ 237.63
BLACK ELECTRICAL TAPE	Additional Component	Various Manufacturers	63LFN17TEMFLEX	\$ 1.04
WIREMOLD SURFACE RACERWAY	Additional Component	Various Manufacturers	63LFN2300BA+C	\$ 5.20
COVER CLIP FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2306	\$ 1.04
90 DEGREE FLAT ELBOW FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2311	\$ 2.92
T-CONNECTORS FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2315	\$ 3.57
INSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2317	\$ 3.30
OUTSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2318	\$ 2.92
1-GANG DEEP BOX, ELECTRICAL - DEPTH 1 3/4" WIDTH 3" IVORY	Additional Component	Various Manufacturers	63LFN2348-1	\$ 9.69
2-GANG DEEP WIREMOLD BOX	Additional Component	Various Manufacturers	63LFN2348-2	\$ 12.73
POWER POLES, RACEWAY 10' 5" WIREMOLD	Additional Component	Various Manufacturers	63LFN25DTP4	\$ 187.00
TAPE BLUE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BLU	\$ 4.49
TAPE BROWN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BRN	\$ 4.49
TAPE GRAY 3/4" X 66'	Additional Component	Various Manufacturers	63LFN35GRA	\$ 1.33
TAPE GREEN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35GRE	\$ 4.49
TAPE ORANGE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35ORA	\$ 4.49
TAPE RED 3/4" X 66	Additional Component	Various Manufacturers	63LFN35RED	\$ 4.49
TAPE VIOLET 3/4" X 66	Additional Component	Various Manufacturers	63LFN35VIO	\$ 4.49
TAPE WHITE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35WHI	\$ 4.49
TAPE YELLOW 3/4" X 66	Additional Component	Various Manufacturers	63LFN35YEL	\$ 4.49
WIREMOLD- 400 ADHESIVE BASE AND COVER	Additional Component	Various Manufacturers	63LFN400BA&C	\$ 2.55
COVER CLIP	Additional Component	Various Manufacturers	63LFN406	\$ 0.66
BLANK END FITTING	Additional Component	Various Manufacturers	63LFN410B	\$ 0.95
POLY PULL LINE (6500')	Additional Component	Various Manufacturers	63LFN430	\$ 46.36
WIREMOLD - 800 ADHESIVE BASE & COVER	Additional Component	Various Manufacturers	63LFN800BA&C	\$ 3.23
NM COVER CLIP WIREMOLD	Additional Component	Various Manufacturers	63LFN806	\$ 0.77
FITTING, ENTRANCE END WIREMOLD	Additional Component	Various Manufacturers	63LFN810A2	\$ 7.46
BLANK END FITTING FOR 800 WIREMOLD	Additional Component	Various Manufacturers	63LFN810B	\$ 1.34

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Item Description	Item Type	Manufacturer	Model	Cost
90 DEGREE FLAT ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN811	\$ 2.99
NM TEE 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN815	\$ 4.13
INTERNAL ELBOW FOR 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN817	\$ 2.77
NM EXTERNAL ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN818	\$ 2.77
PLASTIC BUSHINGS 2" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNB506	\$ 0.54
PLASTIC BUSHINGS 3" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNB508	\$ 1.26
PLASTIC BUSHINGS 4" THOMAS BETTS CORP.	Additional Component	Various Manufacturers	63LFNB510	\$ 1.79
ANGLE HANGER BRACKET	Additional Component	Various Manufacturers	63LFNCATHBA	\$ 1.90
WORK MOUNTING PLATE	Additional Component	Various Manufacturers	63LFNMP1	\$ 1.94
SPIRAL WRAP 1/2 INCH - 100' ROLL BLACK - PANDUIT	Additional Component	Various Manufacturers	63LFNSPIRALWRAP1/2	\$ 272.56
SERVICE WEDGE CLAMPS FOR 25 PR BLACKBURN	Additional Component	Various Manufacturers	63LFNW40-1	\$ 10.29
SERVICE WEDGE CLAMPS	Additional Component	Various Manufacturers	63LFNW62-1	\$ 4.15
10 X 1 ANCHOR KIT	Additional Component	Various Manufacturers	63LFNWAK14	\$ 12.60
HOUSING, EMPTY ONLY LEVITON	Additional Component	Various Manufacturers	63LVN416421	\$ 4.68
3 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416431	\$ 4.68
6 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416461	\$ 4.68
WALLPLATE, 3G IV LEVITON	Additional Component	Various Manufacturers	63LVN804111	\$ 1.45
BRIDLE RING, 2" WOOD SCREW MINERALLAC ELECTRIC	Additional Component	Various Manufacturers	63MEN648RW	\$ 1.56
3/8-16 STL DROP IN ANCHOR	Additional Component	Various Manufacturers	63MENJDIA38	\$ 0.68
3/8 - 16 HEX NUT	Additional Component	Various Manufacturers	63MENJN165	\$ 0.08
SCREWS, MACHINE 1/4 - 20 X 3/8 METALLICS, INC.	Additional Component	Various Manufacturers	63MENJRM22	\$ 0.09
SCREWS, 1/4 - 20 X 1/2 R H MACH SCREW METALLICS	Additional Component	Various Manufacturers	63MENJRM99	\$ 0.11
WASHER, FLAT 3/8"	Additional Component	Various Manufacturers	63MENJSW75	\$ 0.07
SCREWS, MACHINE SPANNER FLATHEAD 4-40 X 1 1/2 DS4 MUTUA	Additional Component	Various Manufacturers	63MUN0424SMF	\$ 0.48
DRIVER, #4 (FOR USE WITH SPANNER FLAT HEAD MACHINE SCRE	Additional Component	Various Manufacturers	63MUN1D4	\$ 17.00
MINERAL WOOL NELSON	Additional Component	Various Manufacturers	63NENAA0417	\$ 16.83
FIRESTOP PILLOWS, 10 X 4 X3 NELSON	Additional Component	Various Manufacturers	63NENAA0478	\$ 10.54
FIRESTOP PILLOWS, 10 X 8 X 3 NELSON	Additional Component	Various Manufacturers	63NENAA0479	\$ 15.56
MULE TAPE 1800 LB PRE-LUBRICATED IN SEQUENCE NEPTCO	Additional Component	Various Manufacturers	63NPNWP1800P	\$ 491.30
FACEPLATES, W/LABEL CLASSIC /ANGLED 2 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFP2E	\$ 3.25
Classic (angled) Faceplate w/Label 2 Port	Additional Component	Various Manufacturers	63PANCFP2E1Y	\$ 3.25
FACEPLATES, W/ LABEL CLASSIC/ANGLED 6 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFP6E	\$ 3.25
Classic (angled) Faceplate w/Label 6 Port	Additional Component	Various Manufacturers	63PANCFP6E1Y	\$ 3.25
WIREMOLD SW/RECP BOX	Additional Component	Various Manufacturers	63PDN62048	\$ 9.33
LT. GRAY DUCT COVER 11/2	Additional Component	Various Manufacturers	63PDNC15LG6	\$ 1.50
PANDUIT LIDS FOR 3" E-DUCT	Additional Component	Various Manufacturers	63PDNC3LG6	\$ 3.20
PANDUIT LIDS FOR 4" E-DUCT	Additional Component	Various Manufacturers	63PDNC4LG6	\$ 3.88
DROP CEILING FITTING	Additional Component	Various Manufacturers	63PDNDCF5EIX	\$ 2.38

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Item Description	Item Type	Manufacturer	Model	Cost
LT. GRAY DUCT .5 X 1	Additional Component	Various Manufacturers	63PDNE15X1G6	\$ 6.34
PANDUIT 3 X 3 E-DUCT - COMES IN 6' PIECES	Additional Component	Various Manufacturers	63PDNE3X3LG6	\$ 11.00
PANDUIT 4 X 4 E-DUCT	Additional Component	Various Manufacturers	63PDNE4X4LG6	\$ 16.92
TYPE G SLOT DUCT LT GRAY PANDUIT	Additional Component	Various Manufacturers	63PDNG15X15	\$ 6.68
VELCRO WRAP, PANDUIT 75' ROLL	Additional Component	Various Manufacturers	63PDNHLS75RO	\$ 110.08
RACEWAY BOX 1G BASE & COVER	Additional Component	Various Manufacturers	63PDNJB43510E1A	\$ 6.66
6' ADHESIVE BACK FOR 25 PAIR	Additional Component	Various Manufacturers	63PDNLD3EI6-A	\$ 2.52
RACEWAY 6' LATCH DUCT	Additional Component	Various Manufacturers	63PDNLD5E16A	\$ 2.74
DISTRIBUTION RING LARGE 5.12"	Additional Component	Various Manufacturers	63PENGB-13B	\$ 2.50
SPOOLS W/SCREW	Additional Component	Various Manufacturers	63PENGB-20	\$ 0.99
DISTRIBUTION RING 4 " METAL	Additional Component	Various Manufacturers	63PENS14754	\$ 1.75
TY-WRAP BLACK 8 INCHES	Additional Component	Various Manufacturers	63PRN50R-COW	\$ 0.03
1-GANG DRY TITE BOX	Additional Component	Various Manufacturers	63RDNDIH3-1-W	\$ 4.11
SUSPENSION CLAMP 5 5/8" RELIABLE	Additional Component	Various Manufacturers	63REN7903	\$ 6.73
STRAND VISES 1/4" FOR FIBER OPTIC AND COPPER CABLE -POLE 1	Additional Component	Various Manufacturers	63RPNRVP-5200	\$ 16.88
1/8" STEREO TO MONO ADAPTER	Additional Component	Various Manufacturers	63RSN2740368	\$ 5.08
72 IN MF CABLE	Additional Component	Various Manufacturers	63RSN4202362	\$ 5.08
6 1/8 PHONO PLG	Additional Component	Various Manufacturers	63RSN4202444	\$ 5.59
CONDUIT STEEL 1/2 INCH	Additional Component	Various Manufacturers	63SCN1/2-EMT	\$ 0.29
BEAM CLAMP 1/4-20TAPD	Additional Component	Various Manufacturers	63SCN500-SC	\$ 0.82
CORNING INNER DOOR LOCK KIT	Additional Component	Various Manufacturers	63SCNHDWRLOCKKIT	\$ 32.59
CONDUIT STRAP 1/2 1H	Additional Component	Various Manufacturers	63SCNHS101	\$ 0.30
EMT STRAP 1 1/4	Additional Component	Various Manufacturers	63SCNTS-104	\$ 0.88
1/2 1-INCH HIGH EMT STRAP	Additional Component	Various Manufacturers	63SCNTS101	\$ 0.27
DRY WALL SCREWS 1 INCH	Additional Component	Various Manufacturers	63SHNDWCBP100	\$ 0.07
1 AND 5/8" DRY WALL SCREWS	Additional Component	Various Manufacturers	63SHNDWCBP163	\$ 0.10
ORANGE LASTING HINGED COVER	Additional Component	Various Manufacturers	63SMNMC4LH-9	\$ 3.93
2X2 SLOTTED DUCT GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGCV	\$ 1.99
2X2 DUCT SLOTTED GRAY BASE 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGRY	\$ 6.92
TY-WRAP 12 INCH NATURAL	Additional Component	Various Manufacturers	63SPN401C9-11	\$ 0.05
CABLE TIE MOUNT, BUTTONS	Additional Component	Various Manufacturers	63SPNCTM2CO	\$ 0.58
CABLE TIE MOUNT, BUTTONS #10	Additional Component	Various Manufacturers	63SPNCTM3CO	\$ 0.88
CABLE ANALYZER	Additional Component	Various Manufacturers	63SPNDTX1800120	\$ 10,196.60
IVORY RACEWAY 3/4 W/ADHESIVE	Additional Component	Various Manufacturers	63SPNPTRSR116A	\$ 1.53
IVORY RACEWAY 1 1/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR21-6A	\$ 2.19
IVORY RACEWAY 1 3/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR31-8A	\$ 3.15
RACEWAY SPLICE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I14	\$ 1.75
RACEWAT TEE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I211	\$ 1.92

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Item Description	Item Type	Manufacturer	Model	Cost
RACEWAY EXT CORNER 13/4	Additional Component	Various Manufacturers	63SPNSR3I291	\$ 3.43
RACEWAY INT CORNER 13/4	Additional Component	Various Manufacturers	63SPNSR3I331	\$ 1.92
RACEWAY END CAP 13/4	Additional Component	Various Manufacturers	63SPNSR3I36	\$ 1.75
RACEWAY ELBOW 13/4	Additional Component	Various Manufacturers	63SPNSR3W251	\$ 1.92
JUNCTION BOX 11/4 IVORY	Additional Component	Various Manufacturers	63SPNSRI-JB1	\$ 5.90
RACEWAY JUNCTION BOX 2-INCH D	Additional Component	Various Manufacturers	63SPNSRIJB2	\$ 6.24
2 PORT SURFACE MT UNLOADED M SERIES IVORY SYSTMX	Additional Component	Various Manufacturers	63SYNM102SMBB246	\$ 4.37
FLEX CONN 1/2 INS L/T	Additional Component	Various Manufacturers	63TBN5332	\$ 3.00
SCREW MOUNT FOR CABLE TIES (500/PKG) #8 SCREW	Additional Component	Various Manufacturers	63TBNMNY001	\$ 0.06
HORSESHOE, PLASTIC FOR FIBER OPTIC CABLE 24/STRAND	Additional Component	Various Manufacturers	63TCNFOS12PT	\$ 55.18
RACK MT 12 OUTLET STRIP TRIPLITE	Additional Component	Various Manufacturers	63TLNRS-1215	\$ 55.25
RACEWAY WHITE 10' SECTION WIREMOLD	Additional Component	Various Manufacturers	63WIN700WH	\$ 25.50
STRAP, MOUNTING WHITE WIREMOLD	Additional Component	Various Manufacturers	63WIN704WH	\$ 0.70
IN-LINE BRACKET WIREMOLD	Additional Component	Various Manufacturers	63WMN5407T-WH	\$ 8.81
BOX SHALLOW METAL SW/RECEPTACLE	Additional Component	Various Manufacturers	63WMN5748S	\$ 6.52
CONNECTOR 1/2 BOX	Additional Component	Various Manufacturers	63WMN5781	\$ 3.05
Power Pole 15' 5"	Additional Component	Various Manufacturers	63WMNAMTC-415	\$ -
GRAY RECT RCPT COVER	Additional Component	Various Manufacturers	63WMNG4048R	\$ 8.77
STRAP IVORY 500 SERIES	Additional Component	Various Manufacturers	63WMNV504	\$ 0.29
90 DEGREE FLAT ELBOW 500 SER	Additional Component	Various Manufacturers	63WMNV511	\$ 1.51
INTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV517	\$ 2.03
EXTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV518	\$ 1.90
SUPPORTING CLIP IV 500 SERIES	Additional Component	Various Manufacturers	63WMNV5703	\$ 0.58
WIREMOLD 1 3/8" BOX	Additional Component	Various Manufacturers	63WMNV5747	\$ 7.31
9-OUTLET SURGE SUPPRESSOR	Additional Component	Various Manufacturers	64ANNAPCNET9RM	\$ 149.60
A.C.SURGE POWER STRIP (NET 7)	Additional Component	Various Manufacturers	64APN900.0635	\$ 25.50
SURGE STATION 8 A.C. STRIP	Additional Component	Various Manufacturers	64APN900.5769	\$ 34.00
APC RACK MOUNT 9-OUTLET A.C.	Additional Component	Various Manufacturers	64APNNET-9-RM	\$ 132.60
MODEM/POWER PROTECTOR	Additional Component	Various Manufacturers	64APNPTS01	\$ 20.40
POWER STRIP 19" FLUSH 15A 8 OUTLET RACK MT CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816701	\$ 135.46
POWER STRIP, HORIZONTAL 15A 8 OUTLET, SURGE CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816703	\$ 142.80
POWER STRIP 10 OUTLET GEIST	Additional Component	Various Manufacturers	64GENSP10410	\$ 168.30
10 OUTLET POWER STRIP HUBBELL	Additional Component	Various Manufacturers	64HBNHPWPWRTSTLNS	\$ 219.30
POWER STRIP W/ 8 OUTLETS	Additional Component	Various Manufacturers	64MIN9010528	\$ 27.20
SURGE STRIP 1U 20A	Additional Component	Various Manufacturers	64TLN2SOBAR12	\$ 139.40
SURGE STRIP 12 OUTLET	Additional Component	Various Manufacturers	64TLNISOBAR12	\$ 139.40
12 PR PROTECTOR UNIT 66/IN 66/OUT CIRCA TELE	Additional Component	Various Manufacturers	65CIN2612QC	\$ 155.55
MODULES, PROTECTOR FOR PROTECTOR UNIT 5/PIN BLK 350 VO	Additional Component	Various Manufacturers	65CIN4B1E	\$ 5.02

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
12 PAIR GAS STATION PROTECTOR OUTDOOR ENCLOSURE CIRC	Additional Component	Various Manufacturers	65CIN51212G	\$ 184.59
LIGHTNING PROTECTION KIT	Additional Component	Various Manufacturers	65EGNSN920LPK	\$ 85.00
RJ45 45 T-1 PROTECTOR IN/OUT	Additional Component	Various Manufacturers	65OCNRJDP48C	\$ 56.10
LINE PROTECTOR, ANALOG 6-AP, BLACK ONEAC	Additional Component	Various Manufacturers	65ONN6AP	\$ 21.86
6-PAIR GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	65RENR66C16VS	\$ 108.78
J-HOOK WITH ANGLE BRACKET	Additional Component	Various Manufacturers	66CFNCAT32AB	\$ 3.42
J-HOOKS 4"	Additional Component	Various Manufacturers	66CFNCAT64	\$ 7.29
9 VOLT BATTERY ENERGIZER - 8/PK	Additional Component	Various Manufacturers	66EVN782-035	\$ 2.48
AA BATTERY - 24/PK	Additional Component	Various Manufacturers	66EVN782-049	\$ 0.82
AAA BATTERY ENERGIZER - 18/PK	Additional Component	Various Manufacturers	66EVN782-058	\$ 0.88
BATTERIES 1.5V D SERIES	Additional Component	Various Manufacturers	66EVNPC1300D	\$ 1.21
STN MDF PANEL & CABLE FOR EXECUTONE	Additional Component	Various Manufacturers	66EXNPNL/CBL	\$ 85.00
UNIV CONTNUTY TESTER, SC,ST,FC	Additional Component	Various Manufacturers	66FSNF15000U	\$ 83.79
CONDUIT STEEL 4 INCH EMT	Additional Component	Various Manufacturers	66GBN4-EMT	\$ 8.96
HANDSET Y SPLITTER	Additional Component	Various Manufacturers	66RSN477-153	\$ 16.29
TAIL, MALE TO FEMALE 25 PR 50' GRAY	Additional Component	Various Manufacturers	69ATN253PC50	\$ 69.31
FEMALE TAIL ASSY 25 FOOT	Additional Component	Various Manufacturers	69INN25CX25	\$ 14.88
FEMALE TAIL OPEN END 50 FEET	Additional Component	Various Manufacturers	69KWN25CC50	\$ 30.18
PRE-MADE 15' FEMALE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE15	\$ 26.91
25' FEMALE PRE-MADE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE25	\$ 43.25
15' MALE TAIL ONE END	Additional Component	Various Manufacturers	69KWNMALE-15	\$ 21.78
MALE TAIL 25 PAIR 25' SINGLE ENDED	Additional Component	Various Manufacturers	69KWNMALE25	\$ 38.06
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46

# Large Key Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
BATTERY BACK UNIT MAIN 1-CAB+	Additional Component	Various Manufacturers	23APNSU750XL	\$ 576.00
RACK MOUNT BATTERY BACK UP UNIT 1000XA	Additional Component	Various Manufacturers	23APNSUA1000RM2U	\$ 899.99
APC SMART UPS 1000 VA XL RUN	Additional Component	Various Manufacturers	23APNSUA1000XL	\$ 763.20
RACK MT A.P.C. BATTERY B/U	Additional Component	Various Manufacturers	23APNSUA1500RM	\$ 1,017.00
APC SMART UPS RK MT 2200VA	Additional Component	Various Manufacturers	23APNSUA2200RM2U	\$ 1,345.41
Smart U.P.S. Rack Mount Battery Back-Up Unit 2200VA, 120V, 3U	Additional Component	Various Manufacturers	23APNSUA2200RMXL3U	\$ 1,608.33
APC SMART UPS BATTERY PAK	Additional Component	Various Manufacturers	23APNSUA24XLBP	\$ 448.50
APC SMART UPS BATTERY PACK RACK MOUNT	Additional Component	Various Manufacturers	23INNSU24R2XLBP	\$ 675.90
Monthly Maintenance per Voice Mail Port	Additional Component	ET&T	ETT-Maintenance-VM	\$ 17.00
Monthly Maintenance per System Port	Additional Component	ET&T	ETT-Maintenance-Port	\$ 4.00
Monthly Maintenance per Phone	Additional Component	ET&T	ETT-Maintenance-Phone	\$ 6.00



# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
ET&T offers two PBX Solutions. Each Solution provides the requirements for Small, Medium and Large configurations and therefore duplicated on each Tab.				
SCM (IPX-S500)S500	Base System	Samsung	IPX-S500/XAR	\$ 10,000.00
Samsung SIP Phone User License# of Users 1 ~ 500	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 140.00
Samsung SIP Phone User License# of Users 501 ~ 1000	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 130.00
Samsung SIP Phone User License# of Users 1001 ~	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 120.00
Samsung Softphone User LicenseSoftphone License	Expansion Configuration	Samsung	IPX-LSWP/STD	\$ 110.00
Samsung Mobile Softphone User LicenseMobile Softphone License	Expansion Configuration	Samsung	IPX-LSMP/STD	\$ 110.00
3rd Party SIP phone User License3rd Party SIP Phone License	Expansion Configuration	Samsung	IPX-L3PP/STD	\$ 110.00
Analog Phone(Gateway) User LicenseAnalog phone License	Expansion Configuration	Samsung	IPX-LAPL/STD	\$ 60.00
High Availability(active-standby)High Availability / Redundancy	Expansion Configuration	Samsung	IPX-LASR/STD	\$ 4,600.00
Meet-me Conference Channel License# of Meet-ME Conf ch (~64)	Expansion Configuration	Samsung	IPX-LCNF/STD	\$ 180.00
UMS Channel License# of UMS ch (~64)	Expansion Configuration	Samsung	IPX-LUMS/STD	\$ 210.00
3rd Party SIP Phone Communicator User LicenseCommunicator (Desktop)	Expansion Configuration	Samsung	IPX-L3CM/STD	\$ 30.00
Other CSTA ApplicationCSTA Link License	Expansion Configuration	Samsung	IPX-LCTL/STD	\$ 20,000.00
SIP Application Server	Additional Component	Samsung	IPX-SIP-ASVR	\$ 2,700.00
SIP Application Channel3rd Party Application License via SIP	Additional Feature	Samsung	IPX-LSIP/STD	\$ 20.00
iBG3026iBG-3026A+Advanced SNOS+PWR code	Expansion Configuration	Samsung	IBG-3026A + IBG-S3A100 +IBG-CA	\$ 8,550.00
iBG2016iBG-2016A+Advanced SNOS+PWR code	Expansion Configuration	Samsung	IBG-2016A + IBG-S2A100 +IBG-CA	\$ 3,690.00
iBG2006iBG-2006A+Advanced SNOS	Expansion Configuration	Samsung	IBG-2006B + IBG-S1A100 +IBG-CA	\$ 2,560.00
iBG1003D41003 w/AC PWR, 2T1/E1PRI+4FXS+DSP64ch	Expansion Configuration	Samsung	IBG-1003D4/XAR	\$ 3,030.00
iBG1003AG1003 w/AC PWR, 16FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003AG/XAR	\$ 2,870.00
iBG1003A81003 w/AC PWR, 8FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003A8	\$ 2,400.00
iBG1003A41003 w/AC PWR, 4FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003A4	\$ 2,250.00
24FXS Extension24 port FXS Extension Box	Expansion Configuration	Samsung	IBG-AFXS24	\$ 930.00
2T1E1PRI 2Port Mini Module	Expansion Configuration	Samsung	IBG-MTE2M	\$ 770.00
24FXS Network cardFXS 24Port Network Card	Expansion Configuration	Samsung	IBG-NFXS24	\$ 1,860.00
FXS-4E4 FXS module for 24 port Network Card	Expansion Configuration	Samsung	IBG-MFXS4E	\$ 620.00
4FXO4Port FXO Mini Module	Expansion Configuration	Samsung	IBG-MFXO4M	\$ 620.00
4FXS4Port FXS Mini Module	Expansion Configuration	Samsung	IBG-MFXS4M	\$ 620.00
VOP128DSP 128Ch	Expansion Configuration	Samsung	IBG-IVP128	\$ 3,680.00
VOP64DSP 64Ch	Expansion Configuration	Samsung	IBG-IVOP64	\$ 1,990.00
Switch w/o PoE24Port PoE 10/100M Ethernet Switch	Additional Component	Samsung	IES-4028F/XAR	\$ 620.00
Switch w PoE24Port PoE 10/100M Ethernet Switch (PoE)	Additional Component	Samsung	IES-4028FP/XAR	\$ 1,240.00
SMT-i3105SIP Phone	Additional Component	Samsung	SMT-i3105D/XAR	\$ 170.00
SMT-i5210SIP Phone	Additional Component	Samsung	SMT-i5210D/XAR	\$ 330.00
SMT-i5230SIP Phone	Additional Component	Samsung	SMT-i5230D/XAR	\$ 460.00
SMT-i5243SIP Phone	Additional Component	Samsung	SMT-i5243D/XAR	\$ 660.00

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
SMT-i526464 Button AOM	Additional Component	Samsung	SMT-i5264D/XAR	\$ 370.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	E53000237T	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	E53000340T	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	E53000341T	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	E53000345T	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	E51301175T	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003165T	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003170T	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	E53003175T	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	E53003190T	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	E53003308T	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	E53000342T	\$ 1.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00
MITEL COMMUNICATIONS DIRECTOR (MCD)				
3300 ICP CONTROLLERS				
Description			Part Number	
3300 CX II Controller	Base System	Mitel	50006093	\$ 1,500.00
3300 CXi II Controller	Base System	Mitel	50006094	\$ 2,500.00
3300 CX(i) 8G SATA SSD	Base System	Mitel	50006266	\$ 150.00
3300 MXe III Controller 32G SATA SSD	Base System	Mitel	50006268	\$ 440.00
3300 MXe III Controller	Base System	Mitel	50006269	\$ 3,000.00
3300 160G SATA HDD 2 pack(Cntr-Server)	Base System	Mitel	50006489	\$ 200.00
AX Controller	Base System	Mitel	50006507	\$ 3,000.00
3300 AX 2G&4G Flash SSD	Base System	Mitel	50006509	\$ 100.00
3300 MXe III 160G SATA HDD	Base System	Mitel	50006513	\$ 100.00
3300 ICP PACKAGES				
3300 User Controller 1400	Expansion Configuration	Mitel	52002541	\$ 8,000.00
3300 CX Media Gateway	Expansion Configuration	Mitel	52002544	\$ 4,760.00

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Item Description	Item Type	Manufacturer	Model	Cost
3300 MXe Media Gateway	Expansion Configuration	Mitel	52002545	\$ 10,880.00
3300 Analog User Controller	Expansion Configuration	Mitel	52002546	\$ 3,750.00
3300 CX Analog Survivable Branch Office	Expansion Configuration	Mitel	52002547	\$ 2,380.00
3300 CXi Analog Survivable Branch Office	Expansion Configuration	Mitel	52002548	\$ 3,380.00
3300 Gateway s/w pkg (64 Devices)	Expansion Configuration	Mitel	54002536	\$ 3,000.00
3300 CXi Survivable Branch Office - 64 DEV	Expansion Configuration	Mitel	54004610	\$ 2,160.00
MCD SYSTEM SOFTWARE				
Description			Part Number	
MCD SW Pkg for MXe Server and Industry Std Servers - 64 Dev	Additional Component	Mitel	54003611	\$ 1,250.00
MCD Enterprise Software for ISS	Additional Component	Mitel	54004962	\$ 3,000.00
MCD Standalone PBX Software	Additional Component	Mitel	54004971	\$ 1,500.00
MCD Enterprise PBX Software	Additional Component	Mitel	54004973	\$ 3,000.00
3300 Upgrade to ISS	Additional Component	Mitel	54005062	\$ 1,000.00
MCD VMWare VApp Base License Kit	Additional Component	Mitel	54005091	\$ 2,500.00
MCD Standalone Software for ISS	Additional Component	Mitel	54005111	\$ 1,500.00
3300 to Virtual MCD Conversion	Additional Component	Mitel	54005366	\$ 2,500.00
Virtual MCD	Additional Component	Mitel	54005748	\$ 1,495.00
			MCD SYSTEM LICENSES	
Description			Part Number	
MCD Device licence	Additional Component	Mitel	54000294	\$ 20.00
MCD Mailbox licence	Additional Component	Mitel	54000297	\$ 50.00
MCD ACD licence	Additional Component	Mitel	54000300	\$ 120.00
MCD Digital Link Licence	Additional Component	Mitel	54000303	\$ 1,500.00
MCD XNET	Additional Component	Mitel	54000497	\$ 2,000.00
MCD IP Networking	Additional Component	Mitel	54000540	\$ 3,000.00
MCD G729 Licence (8 Channels)	Additional Component	Mitel	54000650	\$ 550.00
3300 - Advanced Voicemail Option	Additional Component	Mitel	54000860	\$ -
MCD Voicemail Hospitality PMS	Additional Component	Mitel	54000861	\$ 1,750.00
MCD Voicemail Networking	Additional Component	Mitel	54001130	\$ 2,000.00
3300 TENANTING OPTION	Additional Component	Mitel	54001490	\$ -
MCD SIP Trunk licence	Additional Component	Mitel	54002390	\$ 125.00
MCD ONS licence	Additional Component	Mitel	54002701	\$ 75.00
MCD SIP User licence	Additional Component	Mitel	54002763	\$ 125.00
MCD Remote Management	Additional Component	Mitel	54002949	\$ 900.00
MCD MLPP	Additional Component	Mitel	54002950	\$ 7,500.00
MCD T38 licence (4 Channels)	Additional Component	Mitel	54003522	\$ 550.00
MCD EXTERNAL HOTDESKING	Additional Component	Mitel	54003691	\$ 45.00
MCD Enterprise License	Additional Component	Mitel	54004975	\$ 180.00

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Item Description	Item Type	Manufacturer	Model	Cost
MCD Standard Active Agent License	Additional Component	Mitel	54005042	\$ 120.00
MCD Enterprise Active Agent License	Additional Component	Mitel	54005043	\$ 150.00
MCD Standard IQ Port License	Additional Component	Mitel	54005044	\$ 30.00
MCD Enterprise IQ Port License	Additional Component	Mitel	54005045	\$ 30.00
MCD IDS Connection License	Additional Component	Mitel	54005064	\$ 1,500.00
MCD Standalone Dynamic Extension	Additional Component	Mitel	54005065	\$ 165.00
MCD Enterprise Dynamic Extension	Additional Component	Mitel	54005066	\$ 205.00
Enterprise License Group	Additional Component	Mitel	54005330	\$ 1,000.00
10 MCD SIP Trunks	Additional Component	Mitel	54005400	\$ 1,125.00
50 MCD SIP Trunks	Additional Component	Mitel	54005401	\$ 5,000.00
			MCD USER LICENSES	
Description			Part Number	
MCD User licence	Additional Component	Mitel	54000291	\$ 180.00
MCD Standard License	Additional Component	Mitel	54004976	\$ 140.00
MCD Enterprise Multi-Device License	Additional Component	Mitel	54005328	\$ 295.00
MCD Standard Multi-Device License	Additional Component	Mitel	54005329	\$ 230.00
MCD Multi-device Suite License	Additional Component	Mitel	54005361	\$ 200.00
			3300 ICP SPARE COMPONENTS	
Description			Part Number	
3300 - 128 Channel Echo Canceller	Additional Component	Mitel	50001247	\$ 1,000.00
ICP Dual Fiber Interface Module	Additional Component	Mitel	50001248	\$ 500.00
3300/SX-200 EL/ML/ICP MX Spare Sys ID Module	Additional Component	Mitel	50002212	\$ 500.00
ICP Quad DSP Card	Additional Component	Mitel	50002979	\$ 1,200.00
Embedded Digital Trunk Module	Additional Component	Mitel	50003560	\$ 1,500.00
3300 Multi-mode Extended Dual FIM	Additional Component	Mitel	50003695	\$ 1,500.00
3300 Single-Mode Extended Dual FIM	Additional Component	Mitel	50003696	\$ 1,800.00
ICP Analogue Option Module	Additional Component	Mitel	50003725	\$ 800.00
3300 Power Dongle Rev 2 (10PK)	Additional Component	Mitel	50003734	\$ 850.00
3300 QUAD BRI MODULE	Additional Component	Mitel	50004070	\$ 750.00
Rack Mount Brackets	Additional Component	Mitel	50004150	\$ 60.00
Quad CIM Module	Additional Component	Mitel	50004451	\$ 750.00
ANALOG OPTION BOARD II	Additional Component	Mitel	50004871	\$ 600.00
3300 CX/CXi/AX/MXe I-BUTTON FRU	Additional Component	Mitel	50004920	\$ 500.00
3300 R2 NSU (110V)	Additional Component	Mitel	50004992	\$ 2,500.00
SYS ID MODULE (3300 MX/LX)	Additional Component	Mitel	50005083	\$ 500.00
MXe AC POWER SUPPLY	Additional Component	Mitel	50005084	\$ 500.00
MXe PROCESSOR	Additional Component	Mitel	50005087	\$ 2,200.00
ASU II AC POWER SUPPLY	Additional Component	Mitel	50005091	\$ 350.00

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
4 LS PLUS 12 ONS COMBO CARD	Additional Component	Mitel	50005104	\$ 1,000.00
Analog Services Unit (ASU) II	Additional Component	Mitel	50005105	\$ 700.00
T1/E1 COMBO MMC II	Additional Component	Mitel	50005160	\$ 1,000.00
3300 AX AC POWER SUPPLY 300W	Additional Component	Mitel	50005182	\$ 500.00
Analog Main Board III	Additional Component	Mitel	50005184	\$ 600.00
3300 AX CNTR 4 GIG VM FLASH DRIVE	Additional Component	Mitel	50005441	\$ 200.00
3300 AX CNTL FAN ASSY FRU	Additional Component	Mitel	50005471	\$ 500.00
3300 Mx e FAN ASSEMBLY FRU	Additional Component	Mitel	50005683	\$ 100.00
3300 HDD 2PK Mx e WITH RAID FRU	Additional Component	Mitel	50005686	\$ 200.00
24 PORT ONSP CARD	Additional Component	Mitel	50005731	\$ 860.00
DSP II MMC	Additional Component	Mitel	50005751	\$ 1,200.00
3300 Mx e RACK MOUNT BRACKETS	Additional Component	Mitel	50005761	\$ 100.00
3300 512MB RAM MODULE	Additional Component	Mitel	50005883	\$ 300.00
3300 2G FLASH W 512MB RAM MODULE	Additional Component	Mitel	50005981	\$ 450.00
MUSIC ON HOLD INPUT ADAPTOR	Additional Component	Mitel	50006162	\$ 40.00
PWR CRD C13 10A 250V-AUSTRALIAN	Additional Component	Mitel	50006270	\$ 15.00
PWR CRD C13 10A 125V- NORTH AMERICAN	Additional Component	Mitel	50006271	\$ 15.00
3300 Mx e 32G PATA SSD	Additional Component	Mitel	50006292	\$ 785.00
Mx e III Raid Sub-System	Additional Component	Mitel	50006431	\$ 2,000.00
Mx e III Processor	Additional Component	Mitel	50006432	\$ 1,250.00
3300 160G SATA HDD 2pk INTL(Cntr-Server)	Additional Component	Mitel	50006489XX	\$ 200.00
AX Controller Card FRU	Additional Component	Mitel	50006508	\$ 2,000.00
3300 CX(i) II Fan Kit	Additional Component	Mitel	50006510	\$ 100.00
3300 ICP PATCH PANEL	Additional Component	Mitel	51003344	\$ 200.00
APPLICATION PROCESSOR CARD	Additional Component	Mitel	51010725	\$ 1,295.00
3300 AMB/AOB Connection Unit-America`s	Additional Component	Mitel	51300183	\$ 90.00
3300 Mx e III EXPANSION KIT	Additional Component	Mitel	52002581	\$ 2,250.00
Cable RJ45 to 2 X BNC	Additional Component	Mitel	MW404AA	\$ 250.00
			UPGRADES TO MCD	
Description			Part Number	
SX-200 to MCD Standalone Upgrade Pkg	Additional Feature	Mitel	52002591	\$ 4,500.00
SX-200 to MCD Enterprise Upgrade Pkg	Additional Feature	Mitel	52002592	\$ 6,000.00
SX-2000 to MCD Rls 4.0 Upgrade Pkg.	Additional Feature	Mitel	52002660	\$ 8,000.00
3340 Branch Office Solution Upgrade (40-250 Users)	Additional Feature	Mitel	54000582	\$ 9,647.00
3300 Analog Gateway Upgrade	Additional Feature	Mitel	54001120	\$ 1,500.00
3300 MX Digital Gateway Upgrade	Additional Feature	Mitel	54001170	\$ 3,500.00
3340 GLOBAL TO 3300 ICP S/W UPGRADE	Additional Feature	Mitel	54001380	\$ 5,500.00
3300 R2 GATEWAY UPGRADE	Additional Feature	Mitel	54001381	\$ 2,500.00

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Item Description	Item Type	Manufacturer	Model	Cost
3300 CX/CXi GATEWAY UPGRADE	Additional Feature	Mitel	54002207	\$ 1,500.00
3300 LX Digital Gateway Upgrade	Additional Feature	Mitel	54002208	\$ 9,000.00
Upgrade to 200 Device integrated s/w pkg	Additional Feature	Mitel	54002541	\$ 1,785.00
Upgrade to 1400Device integrated s/w pkg	Additional Feature	Mitel	54002542	\$ 3,000.00
Upgrade to 200 device Gateway s/w pkg	Additional Feature	Mitel	54002543	\$ 1,375.00
Upgrade to 1400 device gateway s/w pkg	Additional Feature	Mitel	54002544	\$ 6,930.00
Upgrade to 500 Device Integrated S/W pkg	Additional Feature	Mitel	54002766	\$ 3,000.00
MCD UPGD TO 5000 Device Gateway S/W PKG	Additional Feature	Mitel	54002946	\$ 3,500.00
MCD Upgrd for MXe Server and Industry Std Servers - 64 - 200	Additional Feature	Mitel	54003615	\$ 1,375.00
MCD Upgrd for MXe Server and Industry Std Servers - 200-500	Additional Feature	Mitel	54003616	\$ 3,150.00
MCD Upgrd for MXe Server and Industry Std Servers - 500-5000	Additional Feature	Mitel	54003617	\$ 7,000.00
Mailbox License - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004191	\$ -
Hospitality Option - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004192	\$ -
ONS LINE LIC-SX-200 ML/EL TO 3300	Additional Feature	Mitel	54004193	\$ -
Network Link License - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004195	\$ 500.00
MCD Standalone Sys Upd to Enterprise Sys	Additional Feature	Mitel	54004964	\$ -
Standalone To Enterprise System upgrade	Additional Feature	Mitel	54004974	\$ 1.00
SX-200 IP Phone to MCD Standard User	Additional Feature	Mitel	54005241	\$ 45.00
SX-200 IP Phone to MCD Enterprise User	Additional Feature	Mitel	54005242	\$ 60.00
SX-200 to MCD Standard Active Agent	Additional Feature	Mitel	54005243	\$ 40.00
SX-200 to MCD Enterprise Active Agent	Additional Feature	Mitel	54005244	\$ 50.00
SX-2000 to 3300 ICP Digital Link Upgrade to MCD 4.0 Pkg.	Additional Feature	Mitel	54005348	\$ 500.00
SX-2000 to 3300ICP ACD Upgrade to MCD 4.0 Pkg.	Additional Feature	Mitel	54005349	\$ 40.00
			MITEL MULTI-INSTANCE COMMUNICATIONS DIRE	
			MCD BASE LICENSES AND UPLIFTS	
Description			Part Number	
MCD Enterprise S/W for MiCD	Additional Feature	Mitel	54005293	\$ 3,000.00
MCD Standalone S/W for MiCD Service Provider	Additional Feature	Mitel	54005303	\$ 1,500.00
			MCD SYSTEM SOFTWARE	
Description			Part Number	
Multi-Instance Communications Director Base Software	Additional Feature	Mitel	54004602	\$ 25,000.00
MCD Standalone S/W for MiCD Service Provider	Additional Feature	Mitel	54005303	\$ 1,500.00
			MITEL DESKTOP DEVICES	
			IP PHONES / IP CONSOLES	
Description			Part Number	
5340 IP PHONE	Additional Component	Mitel	50005071	\$ 470.00

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Item Description	Item Type	Manufacturer	Model	Cost
5324 IP Phone	Additional Component	Mitel	50005664	\$ 255.00
5324 IP Phone (Red)	Additional Component	Mitel	50005667	\$ 399.00
5330 IP Phone	Additional Component	Mitel	50005804	\$ 370.00
5540 IP Console	Additional Component	Mitel	50005811	\$ 1,800.00
5312 IP Phone	Additional Component	Mitel	50005847	\$ 210.00
5360 IP Phone	Additional Component	Mitel	50005991	\$ 595.00
5320 IP Phone	Additional Component	Mitel	50006191	\$ 250.00
5320e IP Phone	Additional Component	Mitel	50006474	\$ 315.00
5330e IP Phone	Additional Component	Mitel	50006476	\$ 435.00
5340e IP Phone	Additional Component	Mitel	50006478	\$ 535.00
5550 IP Console (Global)	Additional Component	Mitel	50006490	\$ 2,500.00
5505 Guest IP Phone Cordless NA	Additional Component	Mitel	50006517	\$ 120.00
5505 Guest Cordless Handset w/Cradle NA	Additional Component	Mitel	50006518	\$ 45.00
UC360 Collaboration Point (Audio + In Room Collaboration)	Additional Component	Mitel	50006580	\$ 1,395.00
UC360 Collaboration Point (Remote Collaboration + Video)	Additional Component	Mitel	50006591	\$ 1,995.00
5304 IP Phone	Additional Component	Mitel	51011571	\$ 165.00
5360 Phone + Bluetooth Bundle	Additional Component	Mitel	52002756	\$ 735.00
			IP DESKTOP APPLICATIONS	
Description			Part Number	
Live Content Suite (For 5320/5330/5340/5360 IP Phones)	Additional Component	Mitel	51016170	\$ -
MCD HTML Application Licenses (50 Pack)	Additional Component	Mitel	54004400	\$ 500.00
MCD HTML Application Licenses (5 Pack)	Additional Component	Mitel	54004891	\$ 50.00
			PERIPHERALS	
Description			Part Number	
5485 IP Paging Unit	Additional Component	Mitel	50001754	\$ 650.00
Line Interface Module (NA)	Additional Component	Mitel	50004197	\$ 169.00
Line Interface Module (UK)	Additional Component	Mitel	50004198	\$ 169.00
5310 IP Conference Saucer - Dark Grey	Additional Component	Mitel	50004459	\$ 500.00
5310 IP Conference Module (5300 Series)	Additional Component	Mitel	50005321	\$ 150.00
Cordless (DECT) Accessories Module (Euro)	Additional Component	Mitel	50005402	\$ 220.00
Cordless (DECT) Handset w/Charging Plate (Euro)	Additional Component	Mitel	50005403	\$ 215.00
Cordless (DECT) Headset w/Charging Cradle (Euro)	Additional Component	Mitel	50005404	\$ 360.00
Cordless (DECT) Handset w/Charging Plate (NA)	Additional Component	Mitel	50005405	\$ 215.00
Cordless (DECT) Headset w/ Charging Cradle (NA)	Additional Component	Mitel	50005522	\$ 360.00
Cordless (DECT) Handset & Module Bundle (NA)	Additional Component	Mitel	50005711	\$ 325.00
Cordless (DECT) Headset & Module Bundle (NA)	Additional Component	Mitel	50005712	\$ 470.00
Cordless DECT) Handset and Module Bundle (Euro)	Additional Component	Mitel	50005713	\$ 325.00
Cordless (DECT) Headset & Module Bundle (Euro)	Additional Component	Mitel	50005714	\$ 470.00

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Item Description	Item Type	Manufacturer	Model	Cost
PKM 12-Button Kit (for 5324/5330/5340/8528/8568)	Additional Component	Mitel	50005914	\$ 250.00
PKM 48-Button Kit (for 5324/5330/5340/8528/8568)	Additional Component	Mitel	50005915	\$ 430.00
Gigabit Ethernet Stand (v2)	Additional Component	Mitel	50006371	\$ 180.00
Bluetooth Module (for Bluetooth Handset/Headset)	Additional Component	Mitel	50006402	\$ 185.00
Bluetooth Handset/Module Bundle	Additional Component	Mitel	50006441	\$ 280.00
Bluetooth Handset w/5300 Charging Plate	Additional Component	Mitel	50006442	\$ 195.00
IP DECT Stand + 5610 IP DECT Cordless Handset Bundle NA	Additional Component	Mitel	51015276	\$ 495.00
5610 IP DECT Cordless Handset Euro	Additional Component	Mitel	51015283	\$ 250.00
IP DECT Repeater NA	Additional Component	Mitel	51015284	\$ 325.00
IP DECT Repeater Euro	Additional Component	Mitel	51015285	\$ 325.00
IP DECT Repeater UK	Additional Component	Mitel	51015587	\$ 325.00
IP DECT Stand & 5610 Handset Bundle Euro	Additional Component	Mitel	51301099	\$ 495.00
5610 IP DECT Handset NA	Additional Component	Mitel	51301100	\$ 250.00
			DIGITAL PHONES	
Description			Part Number	
8528 Telephone (NA)	Additional Component	Mitel	50006122	\$ 225.00
8568 Telephone (NA)	Additional Component	Mitel	50006123	\$ 295.00
Superset 4025 Backlit, Dark Grey	Additional Component	Mitel	9132-025-202-NA	\$ 309.00
			POWER ADAPTERS	
Description			Part Number	
24VDC Power Adapter Universal, 100-240V 50-60 Hz	Additional Component	Mitel	50005300	\$ 40.00
5505 Charging Cradle Power Adapter NA	Additional Component	Mitel	50006521	\$ 7.50
Power Cord (C7) w/UK Plug for Universal Power Adapters	Additional Component	Mitel	51000582	\$ 2.55
Power Cord (C7) w/NA Plug for Universal Power Adapters	Additional Component	Mitel	51005172	\$ 5.00
Power Cord (C7) w/Australian Plug Type for Univ. Pwr Adptrs	Additional Component	Mitel	51011501	\$ 5.00
802.3af Power Adapter Universal, 48VDC 100-240VAC 50-60Hz C8	Additional Component	Mitel	51015131	\$ 40.00
5610 IP DECT Repeater Power Adapter NA FRU	Additional Component	Mitel	51015616	\$ 30.00
5610 IP DECT Repeater Power Adapter UK FRU	Additional Component	Mitel	51015617	\$ 30.00
5610 IP DECT Repeater Power Adapter Euro FRU	Additional Component	Mitel	51015619	\$ 30.00
IP DECT Stand Power Supply Universal FRU	Additional Component	Mitel	51300948	\$ 30.00
5610 Handset Charging Cradle Power Adapter Universal FRU	Additional Component	Mitel	51300949	\$ 30.00
Gb 802.3at Power Adapter Universal (90-264 VDC) (50-60 Hz)	Additional Component	Mitel	51301151	\$ 120.00
Multi-Port GigE PoE Switch, Universal (802.3at)	Additional Component	Mitel	51301282	\$ 325.00
			SPARE DESKTOP COMPONENTS	
Description			Part Number	
5310 IP Conference Unit Remote Control Mouse, Dark Grey	Additional Component	Mitel	50001543	\$ 125.00
PKM 12-Button Unit FRU (5200/5300/85x8)	Additional Component	Mitel	50002822	\$ 175.00
PKM 48-Button Unit FRU (5200/5300/85x8)	Additional Component	Mitel	50002824	\$ 390.00



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Item Description	Item Type	Manufacturer	Model	Cost
5550 IP Console Keypad Dark Grey (FRU)	Additional Component	Mitel	50003372	\$ 2,000.00
5200/5300/85x8 Series 35 Degree Angle Stand - FRU	Additional Component	Mitel	50004471	\$ 15.00
5300 Series Wideband (7 kHz) v4 Handset (25 Pack)	Additional Component	Mitel	50005230	\$ 500.00
5300/5200/85x8 Series v4 Handset (25 Pack)	Additional Component	Mitel	50005231	\$ 500.00
Cordless (DECT) Accessories Module (NA) (FRU)	Additional Component	Mitel	50005521	\$ 220.00
PKM Interface Module (v2) (FRU) (5200/5300/85x8)	Additional Component	Mitel	50005662	\$ 110.00
5302/5304 IP Phone Wall Mount Kit (Qty 16)	Additional Component	Mitel	50005663	\$ 100.00
5312 Fixed Mylar DESI Cards (25 Pack)	Additional Component	Mitel	50005852	\$ 25.00
5324 Fixed Mylar DESI Cards (25 Pack)	Additional Component	Mitel	50005853	\$ 25.00
GN Cordless Headset Cable (for 5540 Console)	Additional Component	Mitel	50006212	\$ 20.00
5360 Blank Branding Plate (Qty.100)	Additional Component	Mitel	50006222	\$ 350.00
5300 Charging Plates (DECT/BT) (10 Pack)	Additional Component	Mitel	50006443	\$ 120.00
Line Cord Translation Kit (5000 CP) (5PK)	Additional Component	Mitel	50006503	\$ 40.00
5505 Cordless Guest Handset NA (FRU)	Additional Component	Mitel	50006525	\$ 50.00
5505 Guest IP Phone Base Unit NA (FRU)	Additional Component	Mitel	50006527	\$ 110.00
5505 Handset Charging Cradle w/o Power Adapter (FRU)(2 Pack)	Additional Component	Mitel	50006529	\$ 25.00
5505 Phone Base Lens (50 Pack) (FRU)	Additional Component	Mitel	50006531	\$ 100.00
Cordless (DECT) Headset FRU (NA)	Additional Component	Mitel	50006535	\$ 250.00
Cordless (DECT) Headset FRU (Euro)	Additional Component	Mitel	50006536	\$ 250.00
HDMI Custom Cable (10 Feet) (FRU)	Additional Component	Mitel	50006587	\$ 50.00
IP PKM 12 Desi Cards (25 Pack) - FRU	Additional Component	Mitel	51005211	\$ 25.00
IP PKM 48 Desi Cards (25 Pack) - FRU	Additional Component	Mitel	51005215	\$ 25.00
IP PKM 12 Lens (25 Pack) - FRU	Additional Component	Mitel	51005219	\$ 75.00
IP PKM 48 Lens (25 Pack) - FRU	Additional Component	Mitel	51005223	\$ 75.00
5212/5312 Lens (25 Pack)	Additional Component	Mitel	51009712	\$ 50.00
5224/5324 Lens (25 Pack)	Additional Component	Mitel	51009713	\$ 50.00
5212/5224 Removable DESI Cards (25 Pack)	Additional Component	Mitel	51009714	\$ 20.00
5304 IP Phone Hospitality Kit	Additional Component	Mitel	51011572	\$ 40.00
5212/5224/5312/5324 Removable DESI Card Mitel 5000 (25 Pack)	Additional Component	Mitel	51012281	\$ 12.00
5324 Fixed Mylar DESI Card (Mitel 5000) (25 Pack)	Additional Component	Mitel	51012285	\$ 25.00
5540 Lens & Label Kit Universal (FRU)	Additional Component	Mitel	51012287	\$ 50.00
5302 / 5304 Lenses (25 Pack)	Additional Component	Mitel	51012847	\$ 25.00
5302 / 5304 DESI Cards, Blank (25 Pack)	Additional Component	Mitel	51012848	\$ 25.00
5300 Icon Labels English (MCD/SX-200 ICP) (25 Pack)	Additional Component	Mitel	51013125	\$ 50.00
5300 Icon Labels English (5000 CP) (25 Pack)	Additional Component	Mitel	51013126	\$ 50.00
8528 Lens (25 Pack)	Additional Component	Mitel	51013673	\$ 50.00
8568 Lens (25 Pack)	Additional Component	Mitel	51013674	\$ 50.00
8528 Fixed Mylar Label (25 Pack)	Additional Component	Mitel	51013675	\$ 25.00

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Item Description	Item Type	Manufacturer	Model	Cost
8568 Fixed Mylar Label (25 Pack)	Additional Component	Mitel	51013676	\$ 25.00
8528/8568 Removable DESI Card (Blank) (25Pk)	Additional Component	Mitel	51013677	\$ 15.00
8528/8568 Icon Labels English (5000 CP) (25 Pack)	Additional Component	Mitel	51013678	\$ 50.00
5304 Blank Branding Plate (Qty. 200)	Additional Component	Mitel	51014825	\$ 700.00
5304 DESI Card for 5000 (25 Pack)	Additional Component	Mitel	51015279	\$ 25.00
IP DECT Stand NA, FRU	Additional Component	Mitel	51015389	\$ 350.00
IP DECT Stand Euro, FRU	Additional Component	Mitel	51015390	\$ 350.00
5610 Handset Charging Cradle Universal FRU	Additional Component	Mitel	51015402	\$ 30.00
5610 IP DECT Cordless Handset Battery Pack, FRU	Additional Component	Mitel	51015404	\$ 40.00
5610 Hndst Plastic Belt Clip FRU (25 Pk)	Additional Component	Mitel	51301725	\$ 100.00
Handset Curly Cord Dark Grey 10' (All Phones) (25 Pk) - FRU	Additional Component	Mitel	9132-800-208-NA	\$ 100.00
			MITEL DESKTOP - EXTENDED WARRANTY	
Description			Part Number	
Extended Warranty 5320e IP Phone	Additional Feature	Mitel	50006474EW60	\$ 19.00
Extended Warranty 5330e IP Phone	Additional Feature	Mitel	50006476EW60	\$ 26.00
Extended Warranty 5340e IP Phone	Additional Feature	Mitel	50006478EW60	\$ 32.00
<b>MITEL NUPOINT MESSENGER (NP) - CONFIGURATIONS</b>				
<b>NUPOINT STANDARD EDITION (NP-STD)</b>				
Description			Part Number	
NP-Std. Pers Call Dir, unlimited users	Additional Feature	Mitel	54002376	\$ 7,500.00
NP-Std. Adv UM, unlimited users.	Additional Feature	Mitel	54002984	\$ 30,000.00
NP-Std. Adv UM, sys. enablement	Additional Feature	Mitel	54002985	\$ 2,000.00
NP-Std. Std UM, unlimited users.	Additional Feature	Mitel	54004113	\$ 15,000.00
NP-Std. Base s/w. Current release.	Additional Feature	Mitel	54004114	\$ 4,600.00
NP-Std. Unlimited outbound fax users.	Additional Feature	Mitel	54004115	\$ 5,000.00
NP-Std. Std UM to Adv UM, unlimited users	Additional Feature	Mitel	54004687	\$ 15,000.00
NP-Std. Converts NP-Std to virtual NP	Additional Feature	Mitel	54005499	\$ 2,900.00
			STANDARD EDITION (NP-STD) OR SINGLE SERVER	
Description			Part Number	
NP-Std/SS. 8 port uplift to 9-32 ports	Additional Feature	Mitel	54002986	\$ 3,000.00
NP-Std/SS. 8 port uplift to 33-64 ports	Additional Feature	Mitel	54002987	\$ 4,000.00
NP-Std/SS. 2 port uplift to 9-32 ports	Additional Feature	Mitel	54003191	\$ 750.00
NP-Std/SS. 2 port uplift to 33-64 ports	Additional Feature	Mitel	54003192	\$ 1,000.00
vNP. vNupoint Base s/w license. Current release.	Additional Feature	Mitel	54005498	\$ 7,500.00

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Item Description	Item Type	Manufacturer	Model	Cost
			NUPOINT SINGLE SERVER (NP-SS)	
Description			Part Number	
NP- SS HP DL380G7 Server	Additional Feature	Mitel	51300858	\$ 9,700.00
NP-SS. 8 port uplift to 65-96 ports	Additional Feature	Mitel	54002988	\$ 5,000.00
NP-SS. 8 port uplift to 97-120 ports	Additional Feature	Mitel	54002989	\$ 6,000.00
NP-SS. 2 port uplift to 65-96 ports	Additional Feature	Mitel	54003193	\$ 1,250.00
NP-SS. 2 port uplift to 97-120 ports	Additional Feature	Mitel	54003194	\$ 1,500.00
NP-SS. Base s/w. Current release.	Additional Feature	Mitel	54003571	\$ 7,500.00
Nupoint SS to vNupoint Conversion	Additional Feature	Mitel	54005500	\$ -
			SINGLE SERVER (NP-SS) OR NUPOINT 640 (NP-640)	
Description			Part Number	
NP-SS/640. Personal Call Director unlimited users.	Additional Feature	Mitel	54002377	\$ 15,000.00
NP-SS/640. Adv UM, unlimited users.	Additional Feature	Mitel	54002686	\$ 75,000.00
NP-SS/640. Adv UM system enablement.	Additional Feature	Mitel	54002998	\$ 5,000.00
NP-SS/640. Std UM, unlimited users.	Additional Feature	Mitel	54004117	\$ 35,000.00
NP-SS/640. Outbound fax, unlimited users.	Additional Feature	Mitel	54004119	\$ 15,000.00
NP-SS/640. Upgrade Std UM to Adv UM, unlimited users.	Additional Feature	Mitel	54004688	\$ 30,000.00
			ALL VERSIONS OF NUPOINT (NP)	
Description			Part Number	
NP. Rel 3 base s/w media including documentation.	Additional Feature	Mitel	50006141	\$ 150.00
NP. Cable for Dialogic DMG rack.	Additional Feature	Mitel	51010350	\$ 315.00
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Personal Call Director, 10 users.	Additional Feature	Mitel	54001628	\$ 250.00
NP. Management options.	Additional Feature	Mitel	54001633	\$ 1,000.00
NP. Hospitality IP-PMS integration	Additional Feature	Mitel	54001634	\$ 1,000.00
NP. Hospitality Generic hotel prompts	Additional Feature	Mitel	54001635	\$ 800.00
NP. Misc. applications: NP forms, NP on demand cut thru page	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP. TDD memo	Additional Feature	Mitel	54001640	\$ 2,300.00
NP. Competitive TUI.	Additional Feature	Mitel	54001641	\$ -
NP. Enable 1 additional prompt language.	Additional Feature	Mitel	54001773	\$ 2,500.00
NP. Personal Call Director, 100 users.	Additional Feature	Mitel	54002220	\$ 1,500.00
NP. Enable fax on one voice port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NP. Personal Call Director, 1000 users.	Additional Feature	Mitel	54002434	\$ 5,000.00
NuPoint Advanced UM 50 users	Additional Feature	Mitel	54002684	\$ 1,500.00
NP. Adv UM, 100 users	Additional Feature	Mitel	54002685	\$ 2,500.00
NP. Adv UM, 1000 users	Additional Feature	Mitel	54002691	\$ 20,000.00
NP. Text-to-speech virtual port.	Additional Feature	Mitel	54002692	\$ 1,200.00

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
NUPOINT IP & 640 ARABIC LANGUAGE	Additional Feature	Mitel	54003584	\$ -
NP. Adv UM, 1 user	Additional Feature	Mitel	54003672	\$ 35.00
NP. Adv UM, 10 users	Additional Feature	Mitel	54004106	\$ 325.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50
NP. Std UM, 10 users	Additional Feature	Mitel	54004108	\$ 150.00
NP. Std UM, 50 users	Additional Feature	Mitel	54004109	\$ 600.00
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Outbound fax, 10 users.	Additional Feature	Mitel	54004111	\$ 325.00
NP. Outbound fax, 50 users.	Additional Feature	Mitel	54004112	\$ 1,000.00
NP. Hospitality Hyatt custom prompts	Additional Feature	Mitel	54004420	\$ 800.00
NP. Hospitality. Hyatt custom prompts update	Additional Feature	Mitel	54004421	\$ -
NP. Std UM to Adv UM, 1 user	Additional Feature	Mitel	54004683	\$ 20.00
NP. Std UM to Adv UM, 5 users	Additional Feature	Mitel	54004684	\$ 100.00
NP. Std UM to Adv UM, 10 users	Additional Feature	Mitel	54004685	\$ 200.00
NP. Std UM to Adv UM, 50 users	Additional Feature	Mitel	54004686	\$ 1,000.00
NP. Speech to Text Enablement	Additional Feature	Mitel	54005322	\$ -
vNP. vNupoint Base s/w license. Current release.	Additional Feature	Mitel	54005498	\$ 7,500.00
			SPEECH AUTO ATTENDANT	
Description			Part Number	
NP-SAA. Use NP as Speech Auto Attendant ONLY.	Additional Feature	Mitel	54003291	\$ 2,500.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Corporate directory, 50 names.	Additional Feature	Mitel	54003293	\$ 500.00
NP-SAA. Corporate directory, 2000 names.	Additional Feature	Mitel	54003294	\$ 8,000.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NP-SAA. Add NP-Std to SAA.	Additional Feature	Mitel	54003299	\$ 4,600.00
(AMC) NuPoint Base to Speech AA Upgrade	Additional Feature	Mitel	54003300	\$ 2,500.00
NP-SAA. Corporate directory, 1 name.	Additional Feature	Mitel	54004054	\$ 15.00
NP-SAA. Corporate directory, 10 names.	Additional Feature	Mitel	54004055	\$ 125.00
			MITEL NUPOINT - LEGACY COMPONENTS	
Description			Part Number	
Trade-Up Fax upgrade 1 port (max 6)	Additional Feature	Mitel	54002354	\$ 500.00
NP-Std. 8 pt uplift to 65-120 ports	Additional Feature	Mitel	54002367	\$ 4,000.00
NP-640. CSO for 65-120 ports	Additional Feature	Mitel	54002372	\$ 8,000.00
(A-AMC)NPM IP Rel 9 to current upgrade base options	Additional Feature	Mitel	54002419	\$ 1,500.00
NP-640TDM. Rel 6.1B/7. Upgrade to 640IP, incl 8 ports.	Additional Feature	Mitel	54002433	\$ 12,500.00
NuPoint SMART Move Rel 7 upgrade base Stnd Ed	Additional Feature	Mitel	54002530	\$ 4,600.00
AMC NuPoint Messenger Rel 8 to current Upgrade Option	Additional Feature	Mitel	54002531	\$ 2,300.00
NP-640. 8 port uplift to 9-64 ports	Additional Feature	Mitel	54002999	\$ 3,000.00

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Item Description	Item Type	Manufacturer	Model	Cost
NP-640. 8 port uplift to 65-120 ports	Additional Feature	Mitel	54003000	\$ 8,000.00
			MITEL NUPOINT MESSENGER (NP) - PBX INTEGRATIONS	
			PBX INTEGRATIONS	
Description			Part Number	
Intel PIMG - Mitel DNIC 8 port Unit	Additional Feature	Mitel	51006450	\$ 3,500.00
Intel PIMG - PBX / DSE 8 port Unit	Additional Feature	Mitel	51006451	\$ 3,500.00
Intel PIMG - Analog 8 port Unit	Additional Feature	Mitel	51006453	\$ 2,700.00
INTEL TIMG - Dual Span T1/E1 Unit	Additional Feature	Mitel	51009973	\$ 15,000.00
NP. IP integration (max 4 connections)	Additional Feature	Mitel	54001622	\$ 1,800.00
(AMC) NuPoint IP-Enhanced SMDI Int.	Additional Feature	Mitel	54001850	\$ 1,000.00
			MITEL COMMUNICATIONS DIRECTOR (MCD) FEATURES	
Description			Part Number	
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP-Std. Upgrade rel 10 to current rel.	Additional Feature	Mitel	54002983	\$ 750.00
NP-640. Upgrade rel 10 to current rel.	Additional Feature	Mitel	54002997	\$ 6,000.00
NP-640. Upgrade rel 11 to current rel.	Additional Feature	Mitel	54003382	\$ 6,000.00
NP-Std. Upgrade rel 11 to current rel.	Additional Feature	Mitel	54003384	\$ 750.00
			MITEL MANAGED APPLICATION SERVER (MAS)	
			MAS APPLICATIONS: 6042 MANAGED VPN	
Description			Part Number	
6042 Managed VPN - 1 End Node - 1 Year Billed Annually	Additional Feature	Mitel	53001276	\$ 200.00
			MITEL LIVE BUSINESS GATEWAY	
			LIVE BUSINESS GATEWAY RELEASE	
Description			Part Number	
LIVE BUSINESS GATEWAY 10 user licenses	Additional Feature	Mitel	54002210	\$ 300.00
LIVE BUSINESS GATEWAY WINDOWS VERSION inc 40 user licenses	Additional Feature	Mitel	54002580	\$ 2,200.00
			MITEL BORDER GATEWAY	
			TELEWORKER SOLUTION	

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Item Description	Item Type	Manufacturer	Model	Cost
Description			Part Number	
MBG Base Kit & 5 Client Licenses	Additional Feature	Mitel	54003893	\$ 1,000.00
MBG 100 Client Licenses	Additional Feature	Mitel	54003894	\$ 8,500.00
Upgrade TW to MBG	Additional Feature	Mitel	54003905	\$ -
MBG Enterprise SWA 1-year	Additional Feature	Mitel	54004001	\$ 350.00
Sip Trunking Channel Proxy	Additional Feature	Mitel	54004491	\$ 50.00
Mitel Border Gateway Base	Additional Feature	Mitel	54004571	\$ 250.00
MBG TW service 1 User	Additional Feature	Mitel	54004572	\$ 150.00
MBG TW service 10 User	Additional Feature	Mitel	54004573	\$ 1,100.00
MBG TW service 50 User	Additional Feature	Mitel	54004575	\$ 4,750.00
MBG TW service 100 User	Additional Feature	Mitel	54004577	\$ 8,250.00
TW 4.5 to MBG 5.2 Upgrade	Additional Feature	Mitel	54004578	\$ -
MBG 5.0 to MBG 5.2 upgrade	Additional Feature	Mitel	54004581	\$ -
MBG 5 session Compression License	Additional Feature	Mitel	54004582	\$ 340.00
MBG Virtual Appliance	Additional Feature	Mitel	54005339	\$ 250.00
MBG to Virtual MBG Conversion	Additional Feature	Mitel	54005423	\$ -
IPv6 License for MBG	Additional Feature	Mitel	54005472	\$ 250.00
Virtual MBG Srv Expiry 6mos Extension	Additional Feature	Mitel	54005803	\$ 1,500.00
			SIP TRUNK PROXY	
Description			Part Number	
MBG Virtual Appliance	Additional Feature	Mitel	54005339	\$ 250.00
			MITEL CONTACT CENTER BUSINESS EDITION	
			CONTACT CENTER (CC) BUSINESS EDITION	
Description			Part Number	
MCC BE - Start Pack-2 media, 5 Agts	Additional Feature	Mitel	51013320	\$ 9,500.00
MCC BE - 1 Agents Add-On	Additional Feature	Mitel	51013321	\$ 500.00
CC BE to EE Upgrade	Additional Feature	Mitel	51300633	\$ 1.00
CC BE - Integrated Client - 1 Pk	Additional Feature	Mitel	51300636	\$ 170.00
CC BE - Integrated Client - 5 Pk	Additional Feature	Mitel	51300637	\$ 600.00
CC BE - Integrated Client - 10 Pk	Additional Feature	Mitel	51300638	\$ 1,150.00
CC BE - Screen Pop - 1 Pk	Additional Feature	Mitel	51300639	\$ 215.00
CC BE - Screen Pop - 5 Pk	Additional Feature	Mitel	51300640	\$ 1,000.00
CC BE - Screen Pop - 10 Pk	Additional Feature	Mitel	51300641	\$ 1,950.00
BE IVR Base Software	Additional Feature	Mitel	51301173	\$ 3,100.00
BE IVR Routing - 2 Port Pack	Additional Feature	Mitel	51301174	\$ 2,000.00
CC BE - Base 5 Agt Reporting, 5 Agt Desktop & 1 Supervisor	Additional Feature	Mitel	54002590	\$ 2,700.00

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Item Description	Item Type	Manufacturer	Model	Cost
CC BE - 5 Agent Reporting Pk	Additional Feature	Mitel	54002602	\$ 1,600.00
CC BE - 1 Supervisor Desktop	Additional Feature	Mitel	54002603	\$ 150.00
ICC BE	Additional Feature	Mitel	54002608	\$ 1,850.00
IQ BE	Additional Feature	Mitel	54002609	\$ 3,100.00
IQ BE - Additional 2 Ports	Additional Feature	Mitel	54002610	\$ 2,000.00
CC BE - 5 Agent Desktop Pk	Additional Feature	Mitel	54002644	\$ 200.00
			MITEL CONTACT CENTER ENTERPRISE EDITION	
			CONTACT CENTER (CC) ENTERPRISE EDITION	
Description			Part Number	
CC Standard Starter Pk	Additional Feature	Mitel	51300541	\$ 7,995.00
CC Advanced Starter Pk	Additional Feature	Mitel	51300542	\$ 11,950.00
CC Premium Starter Pk	Additional Feature	Mitel	51300543	\$ 15,950.00
CC Standard Agent - 1 Pk	Additional Feature	Mitel	51300551	\$ 600.00
CC Standard Agent - 10 Pk	Additional Feature	Mitel	51300552	\$ 4,000.00
CC Standard Agent - 50 Pk	Additional Feature	Mitel	51300553	\$ 12,500.00
CC Standard Agent - 100 Pk	Additional Feature	Mitel	51300554	\$ 20,000.00
CC Advanced Agent - 1 Pk	Additional Feature	Mitel	51300555	\$ 775.00
CC Advanced Agent - 10 Pk	Additional Feature	Mitel	51300556	\$ 6,000.00
CC Advanced Agent - 50 Pk	Additional Feature	Mitel	51300557	\$ 18,750.00
CC Advanced Agent - 100 Pk	Additional Feature	Mitel	51300558	\$ 29,000.00
CC Premium Agent - 1 Pk	Additional Feature	Mitel	51300559	\$ 1,200.00
CC Premium Agent - 10 Pk	Additional Feature	Mitel	51300560	\$ 10,000.00
CC Premium Agent - 50 Pk	Additional Feature	Mitel	51300562	\$ 40,000.00
CC Premium Agent - 100 Pk	Additional Feature	Mitel	51300563	\$ 60,000.00
CC Network License	Additional Feature	Mitel	51300597	\$ 5,000.00
CC System Administrator - 1 Pk	Additional Feature	Mitel	51300598	\$ 850.00
CC Standard to Advance Starter Pk Upg	Additional Feature	Mitel	51300601	\$ 4,351.00
CC Standard to Premium Starter Pk Upg	Additional Feature	Mitel	51300602	\$ 8,751.00
CC Advance to Premium Starter Pk Upg	Additional Feature	Mitel	51300603	\$ 4,400.00
CC EE Try & Buy, 1-5 Premium CC Agents	Additional Feature	Mitel	51300643	\$ -
Virtual CC	Additional Feature	Mitel	51300670	\$ 4,200.00
Virtual CC Bundle w/CC,IVR&CA	Additional Feature	Mitel	51300673	\$ 4,200.00
CC Basic Starter pack	Additional Feature	Mitel	51300955	\$ 3,200.00
CC Basic Agent # 1 Pk	Additional Feature	Mitel	51300957	\$ 500.00
CC Basic Agent # 10 Pk	Additional Feature	Mitel	51300958	\$ 3,050.00
CC Basic Agent # 50 Pk	Additional Feature	Mitel	51300960	\$ 11,000.00

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Item Description	Item Type	Manufacturer	Model	Cost
CC Basic Agent # 100 Pk	Additional Feature	Mitel	51300961	\$ 14,500.00
CC Basic to Standard Starter Pk Upg	Additional Feature	Mitel	51300962	\$ 5,275.00
CC Basic to Advance Starter Pk Upg	Additional Feature	Mitel	51300963	\$ 9,625.00
CC Basic to Premium Starter Pk Upg	Additional Feature	Mitel	51300964	\$ 14,025.00
CC Basic to Standard Upg # 10 Pk	Additional Feature	Mitel	51300966	\$ 1,045.00
CC Basic to Standard Upg # 50 Pk	Additional Feature	Mitel	51300967	\$ 1,650.00
CC Basic to Advance Upg # 10 Pk	Additional Feature	Mitel	51300970	\$ 3,245.00
CC Basic to Advance Upg # 50 Pk	Additional Feature	Mitel	51300971	\$ 8,525.00
CC Basic to Premium Upg # 10 Pk	Additional Feature	Mitel	51300974	\$ 7,645.00
CC Basic to Premium Upg # 50 Pk	Additional Feature	Mitel	51300975	\$ 31,900.00
CC Standard to Advance Upg # 10 Pk	Additional Feature	Mitel	51300977	\$ 2,200.00
CC Standard to Advance Upg # 50 Pk	Additional Feature	Mitel	51300978	\$ 6,000.00
CC Standard to Premium Upg # 10 Pk	Additional Feature	Mitel	51300980	\$ 6,600.00
CC Standard to Premium Upg # 50 Pk	Additional Feature	Mitel	51300981	\$ 30,250.00
CC Advance to Premium Upg # 10 Pk	Additional Feature	Mitel	51300983	\$ 4,400.00
CC Advance to Premium Upg # 50 Pk	Additional Feature	Mitel	51300984	\$ 21,875.00
			IVR PACKS	
Description			Part Number	
IQ Standard Routing Starter Pk	Additional Feature	Mitel	51300544	\$ 5,950.00
IQ Advanced Routing Starter Pk	Additional Feature	Mitel	51300545	\$ 7,950.00
IQ Premium Routing Starter Pk	Additional Feature	Mitel	51300546	\$ 12,950.00
IVR Standard Routing Starter Pack	Additional Feature	Mitel	51300547	\$ 5,950.00
IVR Advanced Routing Starter Pk	Additional Feature	Mitel	51300548	\$ 7,950.00
IVR Premium Routing Starter Pk	Additional Feature	Mitel	51300549	\$ 12,950.00
IVR Redundant Routing Starter Pk Add-on	Additional Feature	Mitel	51300550	\$ 3,750.00
IQ Standard Routing Port - 5 ports	Additional Feature	Mitel	51300561	\$ 4,500.00
IQ Standard Routing Port - 1 port	Additional Feature	Mitel	51300564	\$ 1,000.00
IQ Standard Routing Port - 10 ports	Additional Feature	Mitel	51300565	\$ 8,000.00
IQ Standard Routing Port - 50 ports	Additional Feature	Mitel	51300566	\$ 35,000.00
IQ Advanced Routing Port - 1 port	Additional Feature	Mitel	51300567	\$ 1,100.00
IQ Advanced Routing Port - 5 ports	Additional Feature	Mitel	51300568	\$ 5,000.00
IQ Advanced Routing Port - 10 ports	Additional Feature	Mitel	51300569	\$ 9,000.00
IQ Advanced Routing Port - 50 ports	Additional Feature	Mitel	51300570	\$ 40,000.00
IQ Premium Routing Port - 1 port	Additional Feature	Mitel	51300571	\$ 1,500.00
IQ Premium Routing Port - 5 ports	Additional Feature	Mitel	51300572	\$ 6,500.00
IQ Premium Routing Port - 10 ports	Additional Feature	Mitel	51300573	\$ 11,000.00
IQ Premium Routing Port - 50 ports	Additional Feature	Mitel	51300574	\$ 50,000.00
IVR Standard Routing Port - 1 port	Additional Feature	Mitel	51300575	\$ 1,000.00







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Item Description	Item Type	Manufacturer	Model	Cost
			UPGRADES FROM eNTERPRISE CONFERENCING TC	
Description			Part Number	
KIT SW UPGD V1.1 TO 2.0 A&W	Additional Feature	Mitel	828.1701	\$ 2,500.00
			UPGRADE TO UNIFIED COMMUNICATOR	
Description			Part Number	
Upgrade Kit: UC v 2.1/SIP Server to UC v4.0/SIP Server	Additional Feature	Mitel	828.1721	\$ 3,131.00
Upgrade Kit: UC v 3.0/SIP Server to UC v4.0/SIP Server	Additional Feature	Mitel	828.1722	\$ 1,878.00
16 Pack SIP Server IP Endpoint License	Additional Feature	Mitel	840.0164	\$ 1,600.00
Single SIP Server IP Endpoint License -Third Party Endpoints	Additional Feature	Mitel	840.0205	\$ 150.00
SIP Server Shared IP License for Hard Endpoints	Additional Feature	Mitel	840.0212	\$ 100.00
SIP Server Single Trunk License	Additional Feature	Mitel	840.0213	\$ 80.00
SIP Server Shared IP License for Soft & Third-Party Endpoint	Additional Feature	Mitel	840.0214	\$ 50.00
Single SIP Server IP Endpoint License	Additional Feature	Mitel	840.0672	\$ 100.00
			APPLICATIONS PLATFORM: PRE-CONFIG RACKMO	
Description			Part Number	
2 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9072	\$ 5,000.00
8 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9074	\$ 7,400.00
12 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9075	\$ 9,400.00
16 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9076	\$ 11,000.00
24 Port T1 Application Platform: IVR Rackmount	Additional Feature	Mitel	780.9077	\$ 15,500.00
			APPLICATIONS PLATFORM: IVR CARDS AND LICEN	
Description			Part Number	
NMS AG2000 - 8 LS Card (8 Port)	Additional Feature	Mitel	780.2003	\$ 5,000.00
Software Developers Kit (SDK) - Branded	Additional Feature	Mitel	780.6105	\$ 10,000.00
Software Developers kit (SDK) - NON-Branded	Additional Feature	Mitel	780.6106	\$ 10,000.00
Annual Incident Based Support (10 Incidents)	Additional Feature	Mitel	780.7005	\$ 2,500.00
Annual Incident Based Support ( 1 Incident)	Additional Feature	Mitel	780.7012	\$ 300.00
Annual Incident Based Support (5 Incidents)	Additional Feature	Mitel	780.7013	\$ 1,250.00
Annual Incident Based Support (20 Incidents)	Additional Feature	Mitel	780.7014	\$ 4,000.00
IVR Runtime License - NON-Branded (Per Port pricing)	Additional Feature	Mitel	840.0301	\$ 800.00
IVR Runtime License - Branded (Per Port pricing)	Additional Feature	Mitel	840.0302	\$ 800.00
Fax License (Per Port)	Additional Feature	Mitel	840.0315	\$ 400.00
Automatic Speech Recognition (ASR) License (Per Port)	Additional Feature	Mitel	840.0316	\$ 1,500.00
Real Speak Text-To-Speech Runtime License (Per Port)	Additional Feature	Mitel	840.0318	\$ 900.00
			UNIFIED COMMUNICATOR USER ADD-ON LICENSE	
Description			Part Number	
Single User UC 5000 license	Additional Feature	Mitel	840.0211	\$ 75.00
UC 5000 10 User License	Additional Feature	Mitel	840.0323	\$ 700.00

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Item Description	Item Type	Manufacturer	Model	Cost
UC 5000 25 User License	Additional Feature	Mitel	840.0324	\$ 1,700.00
			INTER-TEL CONTACT CENTER SUITE	
			UPGRADE FROM v3.3 TO v4.0	
Description			Part Number	
Call Center Suite v3.x Software to v4.0 Software	Additional Feature	Mitel	550.6279	\$ 1.00
			ATTENDANT CONSOLE SOFTWARE	
Description			Part Number	
Attendant Console v3.0 - Multi-Node	Additional Feature	Mitel	550.531	\$ 2,500.00
Attendant Console v3.0 - Single-Node	Additional Feature	Mitel	550.5312	\$ 1,500.00
Attendant Console / CT Gateway CD-ROM	Additional Feature	Mitel	827.9272	\$ 5.00
			MITEL APPLICATIONS SUITE	
			MAS - BASE SOFTWARE	
Description			Part Number	
MAS 1.2 Mobility to MAS 1.2 Base Upgrade	Additional Feature	Mitel	54004777	\$ 750.00
MAS 3.0 Base Software	Additional Feature	Mitel	54005441	\$ 995.00
MAS 3.0 Virtual Appliance	Additional Feature	Mitel	54005442	\$ 995.00
MAS 3.0 Base add-on to UCA	Additional Feature	Mitel	54005444	\$ 995.00
vMAS 3.0 Base add-on to vUCA	Additional Feature	Mitel	54005445	\$ 995.00
Virtual UC Business Bundle	Additional Feature	Mitel	54005759	\$ 2,495.00
MAS Virtual Appliance for 5000 CP	Additional Feature	Mitel	54005799	\$ 495.00
			MAS - MESSAGING SOFTWARE LICENSES	
Description			Part Number	
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP. Misc. applications: NP forms, NP on demand cut thru page	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP. Enable 1 additional prompt language.	Additional Feature	Mitel	54001773	\$ 2,500.00
NP. Enable fax on one voice port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NP. Text-to-speech virtual port.	Additional Feature	Mitel	54002692	\$ 1,200.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Corporate directory, 50 names.	Additional Feature	Mitel	54003293	\$ 500.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NPUM Advanced UM Up(10 Users)	Additional Feature	Mitel	54004052	\$ 550.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50

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Item Description	Item Type	Manufacturer	Model	Cost
NP. Std UM, 10 users	Additional Feature	Mitel	54004108	\$ 150.00
NP. Std UM, 50 users	Additional Feature	Mitel	54004109	\$ 600.00
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Outbound fax, 10 users.	Additional Feature	Mitel	54004111	\$ 325.00
NP. Outbound fax, 50 users.	Additional Feature	Mitel	54004112	\$ 1,000.00
MAS Nupoint Advanced UM 1 User	Additional Feature	Mitel	54004222	\$ 60.00
MAS Nupoint Advanced UM 50 Users	Additional Feature	Mitel	54004223	\$ 2,500.00
MAS NPUM M'Box & Calldir 3300 (1 User)	Additional Feature	Mitel	54004762	\$ 40.00
MAS NPUM M'Box & Calldir 3300 (10 User)	Additional Feature	Mitel	54004763	\$ 350.00
MAS NPUM M'Box & Calldir 3300 (50 User)	Additional Feature	Mitel	54004764	\$ 1,500.00
MAS NPUM M'Box & Calldir 3300 (250 User)	Additional Feature	Mitel	54004766	\$ 5,000.00
MAS NPUM M'Box & Calldir 5K (1 User)	Additional Feature	Mitel	54004767	\$ 40.00
MAS NPUM M'Box & Calldir 5K (10 User)	Additional Feature	Mitel	54004768	\$ 350.00
MAS NPUM M'Box & Calldir 5K (50 User)	Additional Feature	Mitel	54004769	\$ 1,500.00
MAS NPM Misc App Port	Additional Feature	Mitel	54004961	\$ 400.00
Unified Messaging Pack for MAS - Qty 1	Additional Feature	Mitel	54005142	\$ 56.00
Unified Messaging Pack for MAS - Qty 10	Additional Feature	Mitel	54005143	\$ 485.00
Unified Messaging Pack for MAS - Qty 50	Additional Feature	Mitel	54005144	\$ 2,030.00
Unified Messaging Pack - Qty 250	Additional Feature	Mitel	54005145	\$ 9,000.00
MAS NPUM M'BOX&CALLDIR 3300(500 User)	Additional Feature	Mitel	54005347	\$ 7,000.00
MAS NPM for MCD 10 Mailbox Licenses	Additional Feature	Mitel	54005610	\$ 350.00
MAS NPM for MCD 50 Mailbox Licenses	Additional Feature	Mitel	54005611	\$ 1,500.00
MAS NPM for MCD 250 Mailbox Licenses	Additional Feature	Mitel	54005612	\$ 5,000.00
MAS NPM for MCD 500 Mailbox Licenses	Additional Feature	Mitel	54005613	\$ 7,000.00
			MAS - COLLABORATION SOFTWARE LICENSES	
Description			Part Number	
MAS AWC Audio & Web Uplift (10 User)	Additional Feature	Mitel	54003433	\$ 4,319.00
MAS AWC Audio Only Uplift (1 User)	Additional Feature	Mitel	54003434	\$ 400.00
MAS AWC Audio Only Uplift (10 User)	Additional Feature	Mitel	54003435	\$ 3,455.00
MAS AWC Audio & Web Uplift (1 User)	Additional Feature	Mitel	54003580	\$ 500.00
MAS AWC Aud Only Up for 5K Dig (1 User)	Additional Feature	Mitel	54003973	\$ 400.00
MAS AWC Aud Only Up for 5K Dig (10 User)	Additional Feature	Mitel	54003974	\$ 3,455.00
MAS AWC Aud Only Up for 5K Dig (50 User)	Additional Feature	Mitel	54003975	\$ 13,247.00
MAS AWC Aud/Web Up for 5K Dig (1 User)	Additional Feature	Mitel	54003976	\$ 500.00
MAS AWC Aud/Web Up for 5K Dig (10 User)	Additional Feature	Mitel	54003977	\$ 4,319.00
MAS AWC Aud/Web Up for 5K Dig (50 User)	Additional Feature	Mitel	54003978	\$ 16,669.00
MAS AWC Aud Only Up for 5K IP (1 User)	Additional Feature	Mitel	54003981	\$ 400.00
MAS AWC Aud Only Up for 5K IP (10 User)	Additional Feature	Mitel	54003982	\$ 3,455.00

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
MAS AWC Aud Only Up for 5K IP (50 User)	Additional Feature	Mitel	54003983	\$ 13,247.00
MAS AWC Aud/Web Up for 5K IP (1 User)	Additional Feature	Mitel	54003984	\$ 500.00
MAS AWC Aud/Web Up for 5K IP (10 User)	Additional Feature	Mitel	54003985	\$ 4,319.00
MAS AWC Aud/Web Up for 5K IP (50 User)	Additional Feature	Mitel	54003986	\$ 16,669.00
MAS AWC Audio Only Uplift (50 User)	Additional Feature	Mitel	54004074	\$ 13,247.00
MAS AWC Audio & Web Uplift (50 User)	Additional Feature	Mitel	54004075	\$ 16,669.00
MAS AWC Web Only Up(1 User)	Additional Feature	Mitel	54004621	\$ 400.00
MAS AWC Web Only Up(10 User)	Additional Feature	Mitel	54004622	\$ 3,455.00
MAS AWC Web Only Up(50 User)	Additional Feature	Mitel	54004623	\$ 13,247.00
MAS AWC Audio Only for Axxess(1 User)	Additional Feature	Mitel	54004770	\$ 400.00
MAS AWC Audio Only for Axxess(10 User)	Additional Feature	Mitel	54004771	\$ 3,455.00
MAS AWC Audio Only for Axxess(50 User)	Additional Feature	Mitel	54004772	\$ 13,247.00
MAS AWC Audio & Web for Axxess(1 User)	Additional Feature	Mitel	54004773	\$ 500.00
MAS AWC Audio & Web for Axxess(10 User)	Additional Feature	Mitel	54004774	\$ 4,319.00
MAS AWC Audio & Web for Axxess(50 User)	Additional Feature	Mitel	54004775	\$ 16,669.00
MAS 2.0 App Add-On to MAS 1.2 SglApp AWC	Additional Feature	Mitel	54004888	\$ 750.00
UCC Entry User Lic for Ent`prise	Additional Feature	Mitel	54005519	\$ 245.00
UCC Std User Lic for Enterprise(50 User)	Additional Feature	Mitel	54005521	\$ 17,000.00
UCC Prem User License for Enterprise	Additional Feature	Mitel	54005522	\$ 480.00
UCC Prem User Lic for Enterprise(50User)	Additional Feature	Mitel	54005523	\$ 22,000.00
UCC Entry User License for Business	Additional Feature	Mitel	54005524	\$ 215.00
UCC Std User Lic for Ent`prise	Additional Feature	Mitel	54005525	\$ 365.00
UCC Std User License for Business	Additional Feature	Mitel	54005526	\$ 325.00
UCC Std User License for Bus(50 User)	Additional Feature	Mitel	54005527	\$ 15,000.00
UCC Prem User License for Business	Additional Feature	Mitel	54005528	\$ 440.00
UCC Prem User License for Bus(50 User)	Additional Feature	Mitel	54005529	\$ 20,000.00
MITEL COLLAB ADV for MCD AUD UP 1 User	Additional Feature	Mitel	54005614	\$ 400.00
MITEL COLLAB ADV for MCD AUD UP 10 User	Additional Feature	Mitel	54005615	\$ 3,455.00
MITEL COLLAB ADV for MCD AUD UP 50 User	Additional Feature	Mitel	54005616	\$ 13,247.00
MITEL COLLAB ADV MCD AUD&WEB UP 1 User	Additional Feature	Mitel	54005617	\$ 500.00
MITEL COLLAB ADV MCD AUD&WEB UP 10 User	Additional Feature	Mitel	54005618	\$ 4,319.00
MITEL COLLAB ADV MCD AUD&WEB UP 50 User	Additional Feature	Mitel	54005619	\$ 16,669.00
Free AWC H.264 UPG for Active 3.9 Video	Additional Feature	Mitel	54005622	\$ -
AMC UCC License MGR	Additional Feature	Mitel	54005769	\$ -
AMC UCC License MGR for Enterprise	Additional Feature	Mitel	54005813	\$ -
			MAS - SOFTWARE UPGRADES	
Description			Part Number	
CSM Starter kit Migration to vCSM	Additional Feature	Mitel	52002751	\$ 595.00

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
MBD Starter kit Migration to vMBD	Additional Feature	Mitel	52002752	\$ 595.00
CSM on MAS Migration to vCSM	Additional Feature	Mitel	52002753	\$ 595.00
MBD on MAS Migration to vMBD	Additional Feature	Mitel	52002755	\$ 595.00
Teleworker Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004141	\$ -
Mobile Extension Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004142	\$ -
MAS TW 1.1 + ME Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004143	\$ -
TW + Mobile Ext Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004145	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Base 3300	Additional Feature	Mitel	54004884	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Base 5000	Additional Feature	Mitel	54004885	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Msg & Conf	Additional Feature	Mitel	54004886	\$ -
MAS 2.0 App Add-On to MAS Mobility	Additional Feature	Mitel	54004887	\$ 750.00
MAS 1.2 SglApp AWC to MAS 2.0 Upgrade	Additional Feature	Mitel	54005309	\$ -
MAS 1.2 to MAS 2.0 Mobility Upgrade	Additional Feature	Mitel	54005310	\$ -
MAS 2.X to MAS 3.0 Base Upgrade	Additional Feature	Mitel	54005447	\$ -
Virtual MAS to Virtual MAS 3.0 Upgrade	Additional Feature	Mitel	54005449	\$ -
CSM/MBD starter kit upgrade MAS2.x to3.0	Additional Feature	Mitel	54005715	\$ -
CSM Starter Kit Migration to S/W CSM	Additional Feature	Mitel	54005730	\$ -
MBD Starter Kit Migration to S/W MBD	Additional Feature	Mitel	54005732	\$ -
CSM on MAS Migration to S/W CSM	Additional Feature	Mitel	54005734	\$ -
MBD on MAS Migration to S/W MBD	Additional Feature	Mitel	54005736	\$ -
			MAS RELEASE 1.1 - SOFTWARE	
Description			Part Number	
MAS AWC Audio Only Uplift (10 User)	Additional Feature	Mitel	54003435	\$ 3,455.00
			MAS - OTHER	
Description			Part Number	
MAS Server App for 3300 ICP/MCD Recovery DVD	Additional Feature	Mitel	50006381	\$ 150.00
MAS Server App for 5000 CP Recovery DVD	Additional Feature	Mitel	50006401	\$ 150.00
MAS to Virtual MAS Conversion	Additional Feature	Mitel	54005389	\$ -
Virtual MAS Srv Expiry 6mos Extension	Additional Feature	Mitel	54005801	\$ 3,000.00
			NP COMMON PRODUCT - HARDWARE	
Description			Part Number	
MAS 3.0 Server Appliance MCD NA	Additional Feature	Mitel	52002722	\$ 3,495.00
			MAS - SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS, UCC Entry User	Additional Feature	Mitel	54005530	\$ 11.00
STD SWAS, UCC Standard User	Additional Feature	Mitel	54005531	\$ 20.00
STD SWAS, UCC Premium User	Additional Feature	Mitel	54005532	\$ 30.00
PREM SWAS, UCC Entry User	Additional Feature	Mitel	54005533	\$ 3.00

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Item Description	Item Type	Manufacturer	Model	Cost
PREM SWAS, UCC Standard User	Additional Feature	Mitel	54005534	\$ 6.00
PREM SWAS, UCC Premium User	Additional Feature	Mitel	54005535	\$ 9.00
STD SWAS ULM Business	Additional Feature	Mitel	54005821	\$ -
STD SWAS ULM Enterprise	Additional Feature	Mitel	54005822	\$ -
PREM SWAS ULM Business	Additional Feature	Mitel	54005823	\$ -
PREM SWAS ULM Enterprise	Additional Feature	Mitel	54005824	\$ -
STD SWAS ULM Aggregate Business	Additional Feature	Mitel	54005825	\$ -
PREM SWAS ULM Aggregate Enterprise	Additional Feature	Mitel	54005826	\$ -
			MITEL COMMUNICATIONS SUITE	
			MCS BASE PACKAGES	
Description			Part Number	
MCS Upgrade 300 - 1000 Device	Additional Feature	Mitel	54003684	\$ 5,000.00
			MCS END USER LICENSES	
Description			Part Number	
MCS 100 User Uplift - User/ HD Devices and NPM Ports	Additional Feature	Mitel	54003554	\$ 15,500.00
UNIFIED IP CLIENT USER LICENSE	Additional Feature	Mitel	54003723	\$ 50.00
MCS 5 User Uplift - Users/HD Devices No VM port	Additional Feature	Mitel	54003739	\$ 625.00
MCS 25 User Uplift - User/ HD Devices and NPM Ports	Additional Feature	Mitel	54003740	\$ 4,125.00
			MITEL UNIFIED IP CLIENT FOR SUN RAY	
			SOFTWARE AND LICENSES	
Description			Part Number	
UNIFIED IP CLIENT CONNECTOR LIC	Additional Feature	Mitel	54003721	\$ -
UNIFIED IP CLIENT USER LICENSE	Additional Feature	Mitel	54003723	\$ 50.00
SUN RAY UNIFIED IP CLIENT DEVICE LICENSE	Additional Feature	Mitel	54003724	\$ 85.00
UNIFIED IP CLIENT SERVER BASE	Additional Feature	Mitel	54003741	\$ -
UIC S/W PKG w UIC BLADE 1.0 , MSL 8.3	Additional Feature	Mitel	54003742	\$ -
UNIFIED IP CLIENT BLADE BASE	Additional Feature	Mitel	54003743	\$ -
UNIFIED IP CLIENT CONNECTOR S/W PKG - MoL Download	Additional Feature	Mitel	54004443	\$ -
UIC S/W PKG W UIC BLADE,MSL - MoL Download	Additional Feature	Mitel	54004444	\$ -
UNIFIED IP CLIENT SERVER S/W PKG - MoL Download	Additional Feature	Mitel	54004445	\$ -
			SERVER AND THIN CLIENTS	
Description			Part Number	
UNIFIED IP CLIENT SMART CARD-BLANK(25PK)	Additional Feature	Mitel	51012594	\$ 105.00
Unified IP Client Bundle	Additional Feature	Mitel	52002746	\$ 350.00



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Item Description	Item Type	Manufacturer	Model	Cost
			MITEL UNIFIED COMMUNICATOR (UC)	
			UNIFIED COMMUNICATOR EXPRESS	
Description			Part Number	
IOC Enhanced to UC Express Migration 1 user license	Additional Feature	Mitel	51014559	\$ -
UC Express 50 deskphone licenses for 5000	Additional Feature	Mitel	51015443	\$ -
UC Express 1 deskphone and 1 softphone license for MCD	Additional Feature	Mitel	54004270	\$ 60.00
			UNIFIED COMMUNICATOR ADVANCED	
Description			Part Number	
UC Advanced 1 Deskphone License	Additional Feature	Mitel	54004266	\$ 99.00
UC Advanced 50 Deskphone License	Additional Feature	Mitel	54004267	\$ 4,455.00
UC Advance Deskphone & Softphone License	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced 45 Day Trial	Additional Feature	Mitel	54004288	\$ -
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
Collaboration Pack - 1 User	Additional Feature	Mitel	54005146	\$ 180.00
Collaboration Pack - 10 Users	Additional Feature	Mitel	54005147	\$ 2,130.00
Collaboration Pack - 50 Users	Additional Feature	Mitel	54005148	\$ 8,360.00
Mobility Standalone Pack - 1 user	Additional Feature	Mitel	54005151	\$ 248.00
Mobility Standalone pack - 10 users	Additional Feature	Mitel	54005152	\$ 2,430.00
Mobility Standalone Pack - 50 users	Additional Feature	Mitel	54005153	\$ 10,400.00
Mobility Enterprise Pack - 1 user	Additional Feature	Mitel	54005154	\$ 285.00
Mobility Enterprise Pack - 10 users	Additional Feature	Mitel	54005155	\$ 2,790.00
Mobility Enterprise Pack - 50 users	Additional Feature	Mitel	54005156	\$ 12,000.00
UCA Web/Mobile Portal-1 User	Additional Feature	Mitel	54005163	\$ 50.00
UCA Web/Mobile Portal-50 User	Additional Feature	Mitel	54005164	\$ 2,250.00
UC Advanced Dynamic Location 1 License	Additional Feature	Mitel	54005245	\$ 59.00
UC Advanced Dynamic Location 50 Licenses	Additional Feature	Mitel	54005246	\$ 2,655.00
UC Advanced Virtual Appliance	Additional Feature	Mitel	54005344	\$ 1,500.00
UC Advanced virtual appliance 45 d-Trial	Additional Feature	Mitel	54005345	\$ -
UC Advanced Virtual Appliance Dealer Dem	Additional Feature	Mitel	54005350	\$ 600.00
Virtual UC Advanced Server Conversion	Additional Feature	Mitel	54005362	\$ -
UCA Advanced Server Peering License	Additional Feature	Mitel	54005380	\$ 2,000.00
UCA Advanced Server Federation License	Additional Feature	Mitel	54005381	\$ 2,500.00
UCA Blackberry Standalone client	Additional Feature	Mitel	54005397	\$ 59.00
UC Advanced Mobile for Android	Additional Feature	Mitel	54005402	\$ 59.00
Mitel Unified Communicator Software	Additional Feature	Mitel	54005404	\$ 1,500.00
UC Adv Mobile for Smart Devices 1 Lic	Additional Feature	Mitel	54005598	\$ 59.00

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Item Description	Item Type	Manufacturer	Model	Cost
UC Adv Mobile for Smart Devices 50 Lic	Additional Feature	Mitel	54005599	\$ 2,655.00
UC Adv Std-alone client Smart Device 1 L	Additional Feature	Mitel	54005601	\$ 59.00
Virtual UCA Srv Expiry 6mos Extension	Additional Feature	Mitel	54005802	\$ 1,500.00
			UNIFIED COMMUNICATOR ADVANCED SOFTPHON	
Description			Part Number	
UC Advanced 1 Softphone License	Additional Feature	Mitel	54004268	\$ 75.00
UC Advanced 50 Softphone License	Additional Feature	Mitel	54004269	\$ 3,375.00
UC Advance Deskphone & Softphone License	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced ACD Option 5 user Licenses	Additional Feature	Mitel	54004282	\$ -
UC Advanced 45 Day Trial	Additional Feature	Mitel	54004288	\$ -
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
UC Advanced Dynamic Location 1 License	Additional Feature	Mitel	54005245	\$ 59.00
UC Advanced Dynamic Location 50 Licenses	Additional Feature	Mitel	54005246	\$ 2,655.00
			UNIFIED COMMUNICATOR EXPRESS SOFTPHONE	
Description			Part Number	
UC Express 1 Softphone License for MCD	Additional Feature	Mitel	54004264	\$ 60.00
UC Express 50 Softphone Licenses for MCD	Additional Feature	Mitel	54004265	\$ 2,700.00
UC Express 1 deskphone and 1 softphone license for MCD	Additional Feature	Mitel	54004270	\$ 60.00
			MITEL CUSTOMER SERVICE MANAGER	
			STARTER & UPLIFT PACKAGES	
Description			Part Number	
Virtual CSM Contact Center Starter Pk	Additional Feature	Mitel	52002672	\$ 4,750.00
Virtual MBD Historical Report Starter Pk	Additional Feature	Mitel	52002674	\$ 2,100.00
MAS CSM Advanced Routing Uplift	Additional Feature	Mitel	54004317	\$ 4,000.00
MAS CSM Media Blending Uplift	Additional Feature	Mitel	54004318	\$ 3,000.00
CSM Intelligent Router License	Additional Feature	Mitel	54004319	\$ 4,500.00
CSM Contact Ctr Starter Pk 6.0 SW Only	Additional Feature	Mitel	54005503	\$ 4,550.00
MBD Historical Starter Pk 6.0(SW Only)	Additional Feature	Mitel	54005516	\$ 1,900.00
			MEDIA BLENDING LICENSING	
Description			Part Number	
CSM Media Blending Agent License	Additional Feature	Mitel	54004320	\$ 300.00
CSM Media Blending Queue License	Additional Feature	Mitel	54004321	\$ 400.00
			CLIENT LICENSING	
Description			Part Number	
CSM Single Client Go License	Additional Feature	Mitel	54004326	\$ 100.00
CSM Conn Assistant Single License	Additional Feature	Mitel	54004330	\$ 165.00

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Item Description	Item Type	Manufacturer	Model	Cost
CSM Conn Assistant License 10 Pack	Additional Feature	Mitel	54004331	\$ 1,450.00
CSM Conn Assistant License 50 Pack	Additional Feature	Mitel	54004332	\$ 6,270.00
CSM Conn Assistant License 100 Pack	Additional Feature	Mitel	54004333	\$ 9,900.00
CSM CallViewer Single License	Additional Feature	Mitel	54004334	\$ 300.00
CSM CallViewer License 10 Pack	Additional Feature	Mitel	54004335	\$ 2,790.00
CSM CallViewer License 50 Pack	Additional Feature	Mitel	54004336	\$ 11,850.00
CSM CallViewer License 100 Pack	Additional Feature	Mitel	54004337	\$ 18,000.00
CSM Client Go To Conn Assistant Uplift	Additional Feature	Mitel	54004338	\$ 65.00
CSM Conn Assistant to CallViewer Uplift	Additional Feature	Mitel	54004339	\$ 135.00
			REPORTER & REALVIEWER LICENSING	
Description			Part Number	
CSM Single Agent Reporting License	Additional Feature	Mitel	54004322	\$ 100.00
CSM Agent Reporting License 10 Pack	Additional Feature	Mitel	54004323	\$ 880.00
CSM Agent Reporting License 50 Pack	Additional Feature	Mitel	54004324	\$ 3,800.00
CSM Agent Reporting License 100 Pack	Additional Feature	Mitel	54004325	\$ 6,000.00
CSM Reporter Basic Initial License	Additional Feature	Mitel	54004340	\$ 1,250.00
CSM Reporter Basic Additional License	Additional Feature	Mitel	54004341	\$ 750.00
CSM Reporter Initial License	Additional Feature	Mitel	54004342	\$ 2,500.00
CSM Reporter Additional License	Additional Feature	Mitel	54004343	\$ 1,500.00
CSM Reporter Pro Initial License	Additional Feature	Mitel	54004344	\$ 5,500.00
CSM Reporter Pro Additional License	Additional Feature	Mitel	54004345	\$ 3,300.00
CSM Auto Reporter License	Additional Feature	Mitel	54004346	\$ 780.00
CSM RealViewer License	Additional Feature	Mitel	54004347	\$ 250.00
CSM Reporter Basic to Reporter Uplift	Additional Feature	Mitel	54004348	\$ 1,250.00
CSM Reporter to Reporter Pro Uplift	Additional Feature	Mitel	54004349	\$ 3,000.00
MAS MBD Real Time Reporting Uplift(6.0)	Additional Feature	Mitel	54005405	\$ 1,650.00
			MULTI NODE LICENSING	
Description			Part Number	
CSM 5000 Multi Node Awareness (5 Nodes)	Additional Feature	Mitel	54004350	\$ 1,750.00
CSM 5000 Multi Node Additional 1 Node	Additional Feature	Mitel	54004351	\$ 250.00
CSM MCD Multi Node Awareness(5 nodes)	Additional Feature	Mitel	54005406	\$ 1,750.00
CSM MCD Multi Node Additional 1 Node	Additional Feature	Mitel	54005407	\$ 250.00
			CALL RECORDING INTEGRATION LICENSING	
Description			Part Number	
CSM Verint Intergration for 5000/3300	Additional Feature	Mitel	54004991	\$ 750.00
			CUSTOMER SERVICE MANAGER UPGRADES	
Description			Part Number	
Virtual CSM DVD	Additional Feature	Mitel	50006539	\$ 30.00

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Item Description	Item Type	Manufacturer	Model	Cost
MBD SW Only Upg CCS/Callview 4.x	Additional Feature	Mitel	54005408	\$ 3,150.00
CSM SW Only Upg CCS/Callview 4.x	Additional Feature	Mitel	54005409	\$ 7,300.00
MBD vApp 6.0 Upg for CCS/Callview 4.x	Additional Feature	Mitel	54005412	\$ 3,150.00
CSM vApp 6.0 Upg for CCS/Callview 4.x	Additional Feature	Mitel	54005413	\$ 7,300.00
			WIRELESS SOLUTIONS - MITEL IP DECT GLOBAL (A	
			WIRELESS HANDSETS AND ACCESSORIES	
Description			Part Number	
Mitel 5606 Desktop Charger - Global P/S	Additional Feature	Mitel	51012483	\$ 75.00
Mitel 5606 Programmer	Additional Feature	Mitel	51012484	\$ 390.00
Mitel 5606 Rack Charger No Pwr Sup	Additional Feature	Mitel	51012485	\$ 400.00
Mitel 5602 Handset-NA	Additional Feature	Mitel	51012487	\$ 165.00
Mitel 5602 Interface Cable	Additional Feature	Mitel	51012488	\$ 101.00
Mitel 5606 Headset (Boom Type)	Additional Feature	Mitel	51012500	\$ 325.00
Mitel 5606 Battery Pack	Additional Feature	Mitel	51012502	\$ 95.00
Mitel 5606 SIM Card (programmed)	Additional Feature	Mitel	51012505	\$ 43.00
Mitel 5606 SIM Card (programmed) incl SW	Additional Feature	Mitel	51012506	\$ 390.00
Mitel 5602 Battery Pack	Additional Feature	Mitel	51012511	\$ 39.00
Mitel 5602 Rack Charger Global	Additional Feature	Mitel	51012525	\$ 230.00
Mitel 5606 Rack Charger P/S-Global	Additional Feature	Mitel	51012633	\$ 250.00
5602 Desktop Charger-NA P/S (V2)	Additional Feature	Mitel	51013527	\$ 42.00
Mitel 5603	Additional Feature	Mitel	51015420	\$ 195.00
Mitel 5604	Additional Feature	Mitel	51015421	\$ 295.00
Mitel 5603/04 Charger Global(exclude EU)	Additional Feature	Mitel	51015423	\$ 46.00
Mitel 5604 Battery Pack Charger Global	Additional Feature	Mitel	51015430	\$ 675.00
Mitel 5603 Spare Battery Pack	Additional Feature	Mitel	51015431	\$ 31.00
Mitel 5604 Spare Battery Pack	Additional Feature	Mitel	51015432	\$ 45.00
Mitel 5603 Spare Belt Clip	Additional Feature	Mitel	51015433	\$ 75.00
Mitel 5604 Security Swivel Clip	Additional Feature	Mitel	51015434	\$ 23.00
Mitel 5603/04 Security Chain	Additional Feature	Mitel	51015435	\$ 21.00
Mitel 5603 Leather Case	Additional Feature	Mitel	51015437	\$ 54.00
Mitel 5604 Leather Case	Additional Feature	Mitel	51015440	\$ 54.00
Mitel 5604 Spare Belt Clip	Additional Feature	Mitel	51015955	\$ 107.00
Mitel 5603 Security Swivel Clip	Additional Feature	Mitel	51015956	\$ 21.00
Mitel 5604 License Service	Additional Feature	Mitel	51015972	\$ 325.00
Mitel 5604 License Personal Alarm	Additional Feature	Mitel	51015973	\$ 250.00
Mitel 5604 License DECT Location	Additional Feature	Mitel	51015974	\$ 150.00

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Item Description	Item Type	Manufacturer	Model	Cost
Mitel 5607 Services License	Additional Feature	Mitel	51301120	\$ 260.00
Mitel 5607 Alarm License	Additional Feature	Mitel	51301121	\$ 290.00
Mitel 5607 DECT Location License	Additional Feature	Mitel	51301122	\$ 155.00
Mitel 5607 Charger Global(excl EU)	Additional Feature	Mitel	51301124	\$ 88.00
Mitel 5603/04/07 Programmer NA	Additional Feature	Mitel	51301127	\$ 265.00
Mitel 5603/04/07/24 Rack Charger Global	Additional Feature	Mitel	51301129	\$ 675.00
Mitel 5607 Battery Pack Charger Global	Additional Feature	Mitel	51301130	\$ 675.00
Mitel 5607 Headset Adapter	Additional Feature	Mitel	51301133	\$ 83.00
Mitel 5607 Leather Case	Additional Feature	Mitel	51301134	\$ 85.00
Mitel 5607 Spare Belt Clip	Additional Feature	Mitel	51301135	\$ 19.50
Mitel 5607 Security Swivel Clip	Additional Feature	Mitel	51301136	\$ 21.50
Mitel 5607 Global	Additional Feature	Mitel	51301142	\$ 750.00
Mitel 5607 Spare Battery Pack	Additional Feature	Mitel	51301143	\$ 94.00
Mitel 5607 Alarm Pull Cord	Additional Feature	Mitel	51301480	\$ 26.00
			<b>BASESTATIONS &amp; ACCESSORIES</b>	
Description			Part Number	
Mitel 5606 Handset Belt Clip	Additional Feature	Mitel	51012499	\$ 18.00
Mitel 5606 Safety Lanier	Additional Feature	Mitel	51012501	\$ 18.00
Mitel 5606 Leather Case	Additional Feature	Mitel	51012503	\$ 68.00
Mitel 5606 Battery Pk Adpt Rack Charger	Additional Feature	Mitel	51012504	\$ 60.00
Mitel 5602 Leather Case	Additional Feature	Mitel	51012509	\$ 60.00
Mitel 5602 Handset Belt Clip	Additional Feature	Mitel	51012521	\$ 83.00
Mitel 5602 Rack Charger No Pwr Sup	Additional Feature	Mitel	51012524	\$ 400.00
IP DECT SARI Certificate (Global)	Additional Feature	Mitel	51012533	\$ 56.00
IP DECT Basestation Mount Brkt (Glob)	Additional Feature	Mitel	51012538	\$ 41.00
IP DECT Basestation Power Supply-AU	Additional Feature	Mitel	51012689	\$ 75.00
IP DECT Spare Batt Pk Site Survey Kit	Additional Feature	Mitel	51012692	\$ 950.00
IP DECT Spare Charger Site Survey Kit	Additional Feature	Mitel	51012693	\$ 485.00
Site Survey Kit v2 - EU/NA/UK P/S	Additional Feature	Mitel	51300484	\$ 3,995.00
Pole Mounting Kit for Outdoor Housing v2	Additional Feature	Mitel	51300485	\$ 95.00
Basestation Outdoor Housing v2	Additional Feature	Mitel	51300486	\$ 650.00
IP-DECT Site Survey Kit v2 No Pwr Sup	Additional Feature	Mitel	51300851	\$ 3,250.00
Spare Batt Chger for Site Survey Kit v2	Additional Feature	Mitel	51300852	\$ 375.00
Spare Batt Pack for Site Survey Kit v2	Additional Feature	Mitel	51300853	\$ 745.00
Basestation v2(Global)	Additional Feature	Mitel	51301118	\$ 1,195.00
			<b>MESSAGING COMPONENTS</b>	
Description			Part Number	
Wireless Messaging Gateway v3(incl P/S)	Additional Feature	Mitel	51301137	\$ 1,340.00

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Wireless Messaging Gateway v3 Std Lic	Additional Feature	Mitel	51301138	\$ 3,320.00
Wireless Messaging Gateway v3 OAP Lic	Additional Feature	Mitel	51301139	\$ 3,810.00
Mitel Msg`ing G`way v3 19 Front Rack Mt"	Additional Feature	Mitel	51301140	\$ 72.00
Mitel Msg`ing G`way v3 19 Back Rack Mt"	Additional Feature	Mitel	51301141	\$ 72.00
MITEL SOFTWARE ASSURANCE PROGRAM				
MITEL COMMUNICATIONS DIRECTOR SOFTWARE ASSURANCE				
Description			Part Number	
STD SWAS MCD ONS (Analog)	Additional Feature	Mitel	54005196	\$ 4.00
STD SWAS MCD User	Additional Feature	Mitel	54005197	\$ 10.00
STD SWAS MCD for MiCD Base	Additional Feature	Mitel	54005333	\$ 125.00
STD SWAS MCD for MiCD User	Additional Feature	Mitel	54005334	\$ 40.00
STD SWAS Designated License Manager	Additional Feature	Mitel	54005419	\$ -
PREM SWAS MCD BASE (INCL 16 USERS)	Additional Feature	Mitel	54005654	\$ 38.00
PREM SWAS MCD ONS (ANALOG)	Additional Feature	Mitel	54005655	\$ 1.00
PREM SWA MCD USER	Additional Feature	Mitel	54005657	\$ 3.00
PREM SWAS MCD for MICD SP Base CAP	Additional Feature	Mitel	54005683	\$ -
PREM SWAS MCD for MICD SP User CAP	Additional Feature	Mitel	54005684	\$ -
PREM SWAS Designated License Manager	Additional Feature	Mitel	54005689	\$ -
STD SWAS Virtual MCD Base	Additional Feature	Mitel	54005755	\$ 125.00
PREM SWAS Virtual MCD Base	Additional Feature	Mitel	54005756	\$ 38.00
STD SWAS Virtual MCD Business Base	Additional Feature	Mitel	54005760	\$ 125.00
PREM SWAS Virtual MCD Business Base	Additional Feature	Mitel	54005761	\$ 38.00
			5000 CP SOFTWARE ASSURANCE	
Description			Part Number	
5000 Software Assurance: Enrollment	Additional Feature	Mitel	54004228	\$ 400.00
STD SWAS 5000 CP Base	Additional Feature	Mitel	54005233	\$ 400.00
PREM SWAS 5000 CP BASE	Additional Feature	Mitel	54005682	\$ 300.00
			NUPOINT UNIFIED MESSAGING SOFTWARE ASSUR	
Description			Part Number	
NP-UM 640E SW Assurance 1 YR 8 Ports	Additional Feature	Mitel	54004451	\$ 900.00
STD SWAS NPM VMPort	Additional Feature	Mitel	54005208	\$ 39.00
STD SWAS NPM Speech Port	Additional Feature	Mitel	54005209	\$ 110.00
STD SWAS NPM Std Edition Base	Additional Feature	Mitel	54005210	\$ 230.00

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Item Description	Item Type	Manufacturer	Model	Cost
STD SWAS NPM NPM Single Server or Virtual BASE Base	Additional Feature	Mitel	54005211	\$ 375.00
STD SWAS NPM 640 Base	Additional Feature	Mitel	54005213	\$ 1,700.00
STD SWAS NPM 640 VMPort	Additional Feature	Mitel	54005214	\$ 110.00
PREM SWAS NPM VMPORT	Additional Feature	Mitel	54005659	\$ 12.00
PREM SWAS NPM SPEECH PORT	Additional Feature	Mitel	54005660	\$ 33.00
PREM SWAS NPM BASE	Additional Feature	Mitel	54005661	\$ 69.00
PREM SWAS NPM Single Server or Virtual BASE	Additional Feature	Mitel	54005662	\$ 113.00
PREM SWAS NPM 640 BASE	Additional Feature	Mitel	54005663	\$ 510.00
PREM SWAS NPM 640 VMPORT	Additional Feature	Mitel	54005664	\$ 33.00
			MITEL APPLICATIONS SUITE SOFTWARE ASSURAN	
Description			Part Number	
MAS Msg & Conf for 5000 SWA: 1 Year	Additional Feature	Mitel	54004311	\$ 500.00
STD SWAS MAS Base	Additional Feature	Mitel	54005222	\$ 100.00
STD SWAS MAS NPM Mailbox	Additional Feature	Mitel	54005223	\$ 3.50
STD SWAS MAS UCM User	Additional Feature	Mitel	54005226	\$ 2.00
STD SWAS MAS UCM Client	Additional Feature	Mitel	54005227	\$ 8.00
STD SWAS MAS AWC Audio Port	Additional Feature	Mitel	54005229	\$ 33.00
STD SWAS MAS AWC Web Port	Additional Feature	Mitel	54005230	\$ 17.00
STD SWAS MAS MBD	Additional Feature	Mitel	54005231	\$ 250.00
STD SWAS MAS CSM	Additional Feature	Mitel	54005234	\$ 750.00
PREM SWAS MAS BASE	Additional Feature	Mitel	54005669	\$ 30.00
PREM SWAS MAS NPM MAILBOX	Additional Feature	Mitel	54005673	\$ 1.00
PREM SWAS MAS AWC AUDIO PORT	Additional Feature	Mitel	54005678	\$ 10.00
PREM SWAS MAS AWC WEB PORT	Additional Feature	Mitel	54005679	\$ 5.00
PREM SWAS MAS CSM	Additional Feature	Mitel	54005680	\$ 225.00
PREM SWAS MAS MBD	Additional Feature	Mitel	54005681	\$ 75.00
			UNIFIED COMMUNICATOR	
Description			Part Number	
STD SWAS UCA Base	Additional Feature	Mitel	54005200	\$ 125.00
STD SWAS UCA Deskphone	Additional Feature	Mitel	54005201	\$ 11.00
STD SWAS UCA Softphone	Additional Feature	Mitel	54005202	\$ 8.00
STD SWAS UCM Base	Additional Feature	Mitel	54005228	\$ 100.00
STD SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005343	\$ 5.00
PREM SWAS UCA DESKPHONE	Additional Feature	Mitel	54005670	\$ 3.00
PREM SWAS UCA SOFTPHONE	Additional Feature	Mitel	54005671	\$ 2.50
PREM SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005672	\$ 1.50
PREM SWAS UCA BASE	Additional Feature	Mitel	54005688	\$ 38.00
			MBG/TELEWORKER SOFTWARE ASSURANCE	

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Item Description	Item Type	Manufacturer	Model	Cost
Description			Part Number	
STD SWAS MBG TW User	Additional Feature	Mitel	54005218	\$ 12.00
STD SWAS MBG SIP Connect	Additional Feature	Mitel	54005219	\$ 6.00
STD SWAS MBG Base	Additional Feature	Mitel	54005220	\$ 25.00
STD SWAS MBG SRC Tap	Additional Feature	Mitel	54005388	\$ 6.00
PREM SWAS MBG TW USER	Additional Feature	Mitel	54005665	\$ 3.00
PREM SWAS MBG SIP CONNECT	Additional Feature	Mitel	54005666	\$ 2.00
PREM SWAS MBG BASE	Additional Feature	Mitel	54005668	\$ 8.00
			MITEL COMMUNICATION SUITE SOFTWARE ASSU	
Description			Part Number	
STD SWAS MCS Base (16 users)	Additional Feature	Mitel	54005198	\$ 125.00
PREM SWAS MCS BASE (INCL 16 USERS)	Additional Feature	Mitel	54005658	\$ 38.00
			ENTERPRISE MANAGER SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS EntMgr Base	Additional Feature	Mitel	54005191	\$ 100.00
STD SWAS EntMgr Node	Additional Feature	Mitel	54005192	\$ 90.00
PREM SWAS ENTMGR BASE	Additional Feature	Mitel	54005652	\$ 30.00
PREM SWAS ENTMGR NODE	Additional Feature	Mitel	54005653	\$ 27.00
			TELECOLLABORATION SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS Telecollab Meeting Room	Additional Feature	Mitel	54005205	\$ 4,275.00
PREM SWAS HD Solo	Additional Feature	Mitel	54005685	\$ 690.00
PREM SWAS TELECOLLAB OFFICE	Additional Feature	Mitel	54005686	\$ 962.00
PREM SWAS TELECOLLAB MEETING ROOM	Additional Feature	Mitel	54005687	\$ 1,283.00
			AMC TRANSFER ADMIN FEE	
Description			Part Number	
AMC TRANSFER ADMIN FEE	Additional Feature	Mitel	53003159	\$ 50.00
			MOBILE EXTENSION SOFTWARE ASSURANCE	
Description			Part Number	
PREM SWAS MAS UCM USER	Additional Feature	Mitel	54005675	\$ 1.00
PREM SWAS MAS UCM CLIENT	Additional Feature	Mitel	54005676	\$ 2.00
PREM SWAS UCM BASE	Additional Feature	Mitel	54005677	\$ 30.00
			SRC SOFTWARE ASSURANCE	
Description			Part Number	
PREM SWAS MBG SRC TAP	Additional Feature	Mitel	54005667	\$ 2.00
			CUSTOMER SERVICE MANAGER SOFTWARE ASSU	
Description			Part Number	
PREM SWAS MCS BASE (INCL 16 USERS)	Additional Feature	Mitel	54005658	\$ 38.00



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Item Description	Item Type	Manufacturer	Model	Cost
STD SWAS, CSM	Additional Feature	Mitel	54005744	\$ 750.00
PREM SWAS, CSM	Additional Feature	Mitel	54005746	\$ 225.00
			MITEL BUSINESS DASHBOARD SOFTWARE ASSUR.	
Description			Part Number	
STD SWAS, MBD	Additional Feature	Mitel	54005745	\$ 250.00
PREM SWAS, MBD	Additional Feature	Mitel	54005747	\$ 75.00
VARIOUS ITEMS ASSOCIATED WITH INSTALLING VOICE AND DATA NETWORKING EQUIPMENT:				
ET&T COMPETITIVE DISCOUNT	Additional Component	Various Manufacturers	ETT DISC	\$ (1.00)
CREDIT FOR CABLE REUSE	Additional Component	Various Manufacturers	CABLE CREDIT	\$ (20.00)
CAT5E CABLED VOICE OR DATA OUTLET UP TO 295 FEET	Additional Component	Various Manufacturers	94ETNCAT5E	\$ 289.00
MISCELLANEOUS HARDWARE	Additional Component	Various Manufacturers	65HDNMISCHD	\$ 1.00
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
6-OUTLET FACEPLATE FOR HUBBELL ELECTRIC IVORY	Additional Component	Various Manufacturers	60HBN78IP6	\$ 2.21
SURFACE MOUNTS DUPLEX	Additional Component	Various Manufacturers	60HBN8602I	\$ 6.49
SURFACE BOX 2/PORT	Additional Component	Various Manufacturers	60HBN8602TI	\$ 6.72
SURFACE HSING 2/PORT V&D	Additional Component	Various Manufacturers	60HBN8602TIVD	\$ 4.11
SURFACE MOUNT - 4 DATA OUTLETS	Additional Component	Various Manufacturers	60HBN8604I	\$ 6.48
HUBBELL SC DUPLEX COUPLING 6-PK	Additional Component	Various Manufacturers	60HBNFASCMPB6	\$ 92.09
FLUSH FACEPLATE DUPLEX FOR CAT	Additional Component	Various Manufacturers	60HBNFPL12I	\$ 2.48
DUPLEX FLUSH JACKS V/D LABELED	Additional Component	Various Manufacturers	60HBNFPL12IVD	\$ 2.38
FLUSH FACEPLATE 3-GANG OUTLET	Additional Component	Various Manufacturers	60HBNFPL13I	\$ 2.21
QUAD FACEPLATE FOR HUBBELL	Additional Component	Various Manufacturers	60HBNFPL14HI	\$ 2.38
2/PORT GRAY PLT RECT	Additional Component	Various Manufacturers	60HBNFSL244GY	\$ 2.43
Hubbell Dual Jack Frame	Additional Component	Various Manufacturers	60HBNFSL244OW	\$ 2.57
ADAPTER PANEL, BLANK FSP HUBBELL	Additional Component	Various Manufacturers	60HBNFSPB	\$ 9.67
ADAPTER PANEL, FIBER 6 DUPLEX SC ORANGE HUBBELL	Additional Component	Various Manufacturers	60HBNFSPSCD06	\$ 110.72
SURGACE MOUNT BOX WEATHERPROOF 1 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNH14XGY	\$ 75.12

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 JACK WEATHERPROOF HUBBELL	Additional Component	Various Manufacturers	60HBNHI6	\$ 51.83
JACK PROTECTIVE CAP, CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNHIC	\$ 14.01
CAT 5E JACK, BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EB	\$ 7.26
CAT 5e JACK 568B BLACK	Additional Component	Various Manufacturers	60HBNHXJ5EBK	\$ 6.24
JACK,CAT 5E SPEEDGAIN WIRED 568B (GREEN FOR DATA) HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EGN	\$ 7.33
SPEEDGAIN XCELERATOR 5e JK OR	Additional Component	Various Manufacturers	60HBNHXJ5EOR	\$ 7.26
CAT 5 ORANGE DATA JACKS 25/PK	Additional Component	Various Manufacturers	60HBNHXJ5EOR25	\$ 127.50
HUBBELL VOICE JACK	Additional Component	Various Manufacturers	60HBNHXJ5EOW	\$ 5.95
SPEEDGAIN 5e 568B JK IVORY	Additional Component	Various Manufacturers	60HBNHXJ5ETI	\$ 7.26
CAT 5E JACK, WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EW	\$ 6.60
CAT 6 JACKS WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ60W	\$ 11.00
CAT 6 JACKS BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6B	\$ 11.00
CAT 6 JACKS BLUE HUBBELL - 25 PK	Additional Component	Various Manufacturers	60HBNHXJ6B25PK	\$ 8.08
CAT 6 JACK EI HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6EI	\$ 9.83
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR	\$ 10.10
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR25	\$ 8.08
CAT 6 JACKS, TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6TI	\$ 10.30
USOC 6-POSITION JACK E.I.	Additional Component	Various Manufacturers	60HBNHXJUEI	\$ 4.59
USOC JACK 6-CONDUCTOR	Additional Component	Various Manufacturers	60HBNHXJUTI	\$ 5.70
JACK, VOICE RJ-25 USOC 6 CONDUCTOR WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJUW	\$ 5.75
1 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP110W	\$ 2.21
SINGLE FACEPLATE E.I.	Additional Component	Various Manufacturers	60HBNIFP11EI	\$ 2.45
FACE PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNIFP11TI	\$ 2.38
2 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNIFP120W	\$ 2.06
FACEPLATE 2/PORT E.I.	Additional Component	Various Manufacturers	60HBNIFP12EI	\$ 2.21
2 - PORT F.P. LABEL V&D	Additional Component	Various Manufacturers	60HBNIFP12IVD	\$ 2.53
DUPLEX FLUSH FACEPLATE BLANK	Additional Component	Various Manufacturers	60HBNIFP12TI	\$ 2.38
FACEPLATE, 2 PORT, SINGLE GANG WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP12W	\$ 2.45
SINGLE GANG TRIPLE JACK PLATE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP130W	\$ 2.45
FACE PLATE, FLUSH 3 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNIFP13EI	\$ 2.38
TRIPPLICATE FLUSH FACEPLATE BLK	Additional Component	Various Manufacturers	60HBNIFP13TI	\$ 2.38
4 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP140W	\$ 2.38
FACEPLATE, QUAD FLUSH TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14TI	\$ 2.45
FACEPLATE, SINGLE GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14W	\$ 2.30
FACEPLATE, 2 GANG 12 PORTS OFFICE WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP2120W	\$ 10.85
FACE PLATE 2 GANG (EI) ELECTRIC IVORY - 6 PORT	Additional Component	Various Manufacturers	60HBNIFP26EI	\$ 4.78
1.5 UNIT BLANK MODULE HUBBELL GRAY 5-PK	Additional Component	Various Manufacturers	60HBNIMB15GY	\$ 3.40
HUBBELL SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIMF10W	\$ 2.45

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Item Description	Item Type	Manufacturer	Model	Cost
SINGLE GANG PLATE HUBBELL GRAY	Additional Component	Various Manufacturers	60HBNIMF1GY	\$ 2.82
2 JACK OUTLET FRAME HUBBELL	Additional Component	Various Manufacturers	60HBNISF20W	\$ 2.72
3 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNISF3OW	\$ 2.72
2 PORT SURFACE MOUNT BOX OFFICE WHITE	Additional Component	Various Manufacturers	60HBNISM20W	\$ 3.35
SURFACE MT HOUSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2EI	\$ 2.98
DUPLEX SURFACE HSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2TI	\$ 2.98
1-GANG 2H FACEPLATE HUBBELL	Additional Component	Various Manufacturers	60HBNMTP-12	\$ 2.04
FACEPLATE, 2 GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNNSP24W	\$ 2.33
HUBBELL MULTI MEDIA HOUSING	Additional Component	Various Manufacturers	60HBNOFPL	\$ 11.20
Patch Panel 16-PORT CAT 5e	Additional Component	Various Manufacturers	60HBNP.P.5-16	\$ 168.73
24 PORT PATCH PANEL CAT 5E	Additional Component	Various Manufacturers	60HBNP5E24B19E	\$ 161.50
PATCH PANEL 24 PT CAT5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E24U	\$ 161.50
48-PORT CAT 5E PATCH PANEL HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48B19E	\$ 344.42
Patch Panel 48-PORT CAT 5e ,WM,& BRKT	Additional Component	Various Manufacturers	60HBNP5E48BF	\$ -
PATCH PANEL 48 PT. CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48U	\$ 289.00
PATCH PANEL 24 PORT CAT 6 HUBBELL	Additional Component	Various Manufacturers	60HBNP624U	\$ 248.20
WALL PLATES-HUBBELL	Additional Component	Various Manufacturers	60HBNP630516	\$ 12.75
WALL PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNP630S1G	\$ 15.30
PATCH PANEL HUBBELL 48-PT CAT 6	Additional Component	Various Manufacturers	60HBNP648U	\$ 416.01
COVER & BASE, ADHESIVE LANTRAK HUBBELL	Additional Component	Various Manufacturers	60HBNPL1ABC7	\$ 3.25
REBOX CABINET 32X24X10 GRAY	Additional Component	Various Manufacturers	60HBNRE4	\$ 416.70
BLANKS, SNAP IN ELECTRIC IVORY 10/PK	Additional Component	Various Manufacturers	60HBNSFBE10	\$ 0.61
BLANK INSERTS, GRAY HUBBELL	Additional Component	Various Manufacturers	60HBNSFBG10	\$ 0.61
WHITE BLANK INSERTS (10-pk)	Additional Component	Various Manufacturers	60HBNSFBW10	\$ 0.63
F TYPE COAX COUPLER	Additional Component	Various Manufacturers	60HBNSFFGOW	\$ 4.85
COAX CONNECTORS F-TYPE HUBBELL WHITE	Additional Component	Various Manufacturers	60HBNSFFI	\$ 5.93
BLANK INSERTS FOR ISF F/PLATE	Additional Component	Various Manufacturers	60HBNSSB10	\$ 5.10
FACEPLATE, DUAL STAINLESS STEEL 1-G, 2 PORT W/ LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL12	\$ 16.24
FACEPLATE, STAINLESS STEEL, 1 GANG, 4 PORT W/LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL14	\$ 16.24
RACK, CHANNEL HUBBELL	Additional Component	Various Manufacturers	60HBNVC76	\$ 238.92
PATCH PANEL 12 PORT, CAT 6 VERTICAL ICC	Additional Component	Various Manufacturers	60ICNPP12V60	\$ 114.75
COMPRESSION TOOL, OMNISEAL EX IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN30703	\$ 171.77
Splitter Two Way Coax	Additional Component	Various Manufacturers	60IDN85-032	\$ 3.21
CONNECTORS, UNISEAL BNC IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN89058	\$ 4.81
3.5MM MALE TO 3.5MM MALE MONO-AUDIO CABLE 27"	Additional Component	Various Manufacturers	60JAN319206	\$ 1.85
WALL PLATE SG 1 PORT	Additional Component	Various Manufacturers	60LEN410801IP	\$ 1.84
BLANK INSERTS, LEVITON	Additional Component	Various Manufacturers	60LEN41084-BIB	\$ 0.26
SS WALL PHONE PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108W1SP	\$ 9.18

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Item Description	Item Type	Manufacturer	Model	Cost
WALL PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108WOSP	\$ 10.20
DUAL GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290DMI	\$ 5.53
SINGLE GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290SMI	\$ 2.04
BLANK INSERTS 1 UNIT LEVITON	Additional Component	Various Manufacturers	60LEN412911BI	\$ 1.17
FLUSH ADAPTERS 1 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412911MI	\$ 1.02
FLUSH ADAPTERS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412912Q1	\$ 1.19
BLANK INSERTS 1.5" LEVITON	Additional Component	Various Manufacturers	60LEN412942BI	\$ 1.11
ANGLED ADAPTORS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412942Q1	\$ 1.28
LEVITON CAT 6 JACK WHITE	Additional Component	Various Manufacturers	60LEN61110ORW6	\$ 8.35
CAT 6 VOICE JACKS LEVITON	Additional Component	Various Manufacturers	60LEN61110R16	\$ 7.74
CAT 6 RJ45 JACKS GRAY LEVITON	Additional Component	Various Manufacturers	60LEN61110RG6	\$ 7.74
CAT 6 RJ45 JACKS BLUE LEVITON	Additional Component	Various Manufacturers	60LEN61110RL6	\$ 9.74
Leviton CAT 6 48 port patch panel	Additional Component	Various Manufacturers	60LEN69586U48	\$ 382.04
STAINLESS STEEL TYPE PLATES	Additional Component	Various Manufacturers	60LEN84013	\$ 1.84
WHITE DECO PLUS 6/PR OUTLET	Additional Component	Various Manufacturers	60LVN40756-BW	\$ 4.74
WHITE 2/PORT DECO PLUS O-LET	Additional Component	Various Manufacturers	60LVN40850-BW	\$ 4.74
CONNECTOR CRIMP ON RG6 QUAD LEVITON	Additional Component	Various Manufacturers	60LVN40985Q06	\$ 0.60
SPLICE INLINE FOR RG59U	Additional Component	Various Manufacturers	60LVN40986	\$ 0.36
BLANK INSERTS, (10-PK) GRAY SNAP IN MODULE LEVITON	Additional Component	Various Manufacturers	60LVN41084BGB	\$ 0.22
F-TYPE BULKHEAD MODULE	Additional Component	Various Manufacturers	60LVN41084FIF	\$ 2.04
SURFACE MT FIELD, 2 PORT	Additional Component	Various Manufacturers	60LVN410892IP	\$ 2.69
SIX POS / SIX COND JACK	Additional Component	Various Manufacturers	60LVN41106-R16	\$ 3.57
PWR SUM T568A/B 8P/8C JK	Additional Component	Various Manufacturers	60LVN41108RO5	\$ 5.29
WALLPLATE, STAINLESS STEEL LEVITON	Additional Component	Various Manufacturers	60LVN430801S2	\$ 7.57
5/PR CONN BLKS 110	Additional Component	Various Manufacturers	60LVN49105-IDC	\$ 8.50
COAX BULKHEAD PANEL LEVITON	Additional Component	Various Manufacturers	60LVN49255H48	\$ 85.00
32-PORT FIELD CONF PNL	Additional Component	Various Manufacturers	60LVN49255Q32	\$ 68.37
4 PT MOD FURN FACEPLATE W/WINDOW GRAY LEVITON	Additional Component	Various Manufacturers	60LVN49910HG4	\$ 4.76
QUAD INSERT FOR MOD. FURN.,GREY LEVITON	Additional Component	Various Manufacturers	60LVN49910SG4	\$ 3.81
GIGAMAX SNAP IN JK RED 5E	Additional Component	Various Manufacturers	60LVN5G108-RR5	\$ 6.10
CAT 5E BLUE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RL5	\$ 5.44
GIGAMAX SNP-IN JACK ORANGE	Additional Component	Various Manufacturers	60LVN5G108RO5	\$ 5.02
CAT 5E WHITE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RW5	\$ 5.44
PATCH PANEL CAT5E 48-PORT	Additional Component	Various Manufacturers	60LVN5G596U48	\$ 272.00
CONNECTOR, SNAP IN EXTREME CAT 6+ , IVORY WIRED 568B L	Additional Component	Various Manufacturers	60LVN61110R16	\$ 9.66
PATCH PANEL 24 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270-U24	\$ 204.00
PATCH PANEL 48 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270U48	\$ 382.04
CONNECTOR, SNAP IN EXTREME CAT 6+ WIRED 568 B LEVITON	Additional Component	Various Manufacturers	60LYN6110R16	\$ -

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
HORIZONTAL CABLE MANAGEMENT MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPCD3645	\$ 260.63
VERTICAL MANAGEMAEENT 2"W X 3"D X 51RU MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPCP2351	\$ 150.16
HORIZONTAL CABLE MANAGER 2RU 3" DEEP MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPHCM23	\$ 40.39
WALL PLATES-PAINTED	Additional Component	Various Manufacturers	60MBN99477	\$ 1.87
WALL MOUNT BRACKET SX-200 ML/EL	Additional Component	Various Manufacturers	60MIN50000786	\$ 143.65
ORTRONICS WALL MOUNT EQUIP SHF	Additional Component	Various Manufacturers	60ORN60400006	\$ 108.80
WIRE MANAGEMENT PANEL 3.5 X 19 ORTRONICS	Additional Component	Various Manufacturers	60ORN6040005	\$ 68.00
MIGHTY MO RACK 6.5" CHANNEL ORTRONICS	Additional Component	Various Manufacturers	60ORN6040014	\$ 408.00
WALL MOUNT 48 FIBER PATCH ORTRONICS	Additional Component	Various Manufacturers	60ORN615SMFC	\$ 289.00
PANEL 6ST DUAL CER SM/MM ORTRONICS	Additional Component	Various Manufacturers	60ORN615ST6C	\$ 144.50
ST COUP PANEL MM METAL SL ORTRONICS	Additional Component	Various Manufacturers	60ORN615STDS	\$ 76.50
RACK MT 12 ST MTL RECESSE ORTRONICS	Additional Component	Various Manufacturers	60ORN62512PA	\$ 246.50
RACKMOUNT 12/ST CER RECESSE	Additional Component	Various Manufacturers	60ORN62512PB	\$ 306.00
WIRE MANAGEMENT PANEL, FINGER DUCT 2 RMO, 3" HORIZO	Additional Component	Various Manufacturers	60ORN8080445	\$ 93.50
WIRE MGMNT 3.5 X 1.7	Additional Component	Various Manufacturers	60ORN8084759	\$ 48.96
HINGED BRACKET 24-PORT P.P.	Additional Component	Various Manufacturers	60ORNOR-60400	\$ 43.61
EQUIPMENT SHELF	Additional Component	Various Manufacturers	60ORNOR-60400405	\$ 85.87
PATCH PANEL PORT CAT 5E 24	Additional Component	Various Manufacturers	60ORNOR-PHD5E6U24	\$ 177.36
CAT 6 48 PT PATCH PANEL ORTRONICS	Additional Component	Various Manufacturers	60ORNPHD66U4	\$ 442.00
JACKS, MINI COM CAT 5E IVORY PANDUIT	Additional Component	Various Manufacturers	60PANCJ5E88T	\$ 8.67
Mini Com Cat5e Jacks Ivory	Additional Component	Various Manufacturers	60PANCJ5E88TGEI	\$ 8.67
PANDUIT VERTICAL WIRE MANAGEMENT	Additional Component	Various Manufacturers	60PANWMBV2	\$ 22.98
CASE FAN 3" OR 3.5" 8X8 PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCASEFAN	\$ 25.48
FN ONLY FOR P3 OR AMD PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCPUFAN	\$ 33.98
ATM CPU FAN PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNCPUFAN	\$ 33.98
FIBER OPTIC WALL MT SPLICE & TERM LOADED 12F UNIT CENT	Additional Component	Various Manufacturers	60PCNFUI2SC	\$ 533.73
FIBER OPTIC RACK MOUNT SPLICE & TERM LOADED UNIT AND A	Additional Component	Various Manufacturers	60PCNFTS12C	\$ 623.49
FIBER OPTIC RACK SPLICE & TERM LOADED UNIT AND ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35036	\$ 1,324.64
FIBER OPTIC WALL RACK MT SPLICE & TERM LOADED ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35048	\$ 1,627.21
ATM POWER SUPPLY FAN 80MM PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNPFSFAN	\$ 25.48
FAN OUT KIT PANDUIT	Additional Component	Various Manufacturers	60PDNBT2506	\$ 17.00
PANDUIT CAT 5E JACKS	Additional Component	Various Manufacturers	60PDNCJ588OR	\$ 8.04
CAT5E SHEILDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS5E88T	\$ 8.42
CAT 6 SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS688TG	\$ 14.52
D RING HORIZ. CABLE MGMT 19"X1.5"X3" BLK PANDUIT	Additional Component	Various Manufacturers	60PDNCMPHF1	\$ 37.77
FAN OUT KIT 12/FIBERS	Additional Component	Various Manufacturers	60PDNF012CB	\$ 49.86
FAN OUT KIT FOR 6/FIBERS	Additional Component	Various Manufacturers	60PDNF06CB	\$ 26.10
FIBER OPTIC DUPLEX ADAPTER PANELS 3 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP3WBUD	\$ 87.13

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Item Description	Item Type	Manufacturer	Model	Cost
3-PORT SC ADAPTER PANELS DPLX	Additional Component	Various Manufacturers	60PDNFAP3WDSC	\$ 73.44
FIBER OPTIC DUPLEX ADAPTER PANELS 6 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP6WBUD	\$ 174.25
6-PORT PANEL SC LOADED	Additional Component	Various Manufacturers	60PDNFAP6WDSC	\$ 147.63
RK MT 24/48 ENCLOSURE 1U	Additional Component	Various Manufacturers	60PDNFMD1	\$ 269.45
24 PORT FIBER OPTIC INTER CONNECT DRAWER	Additional Component	Various Manufacturers	60PDNFMD24	\$ 290.07
18/36 RACK MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME1	\$ 268.60
RK-MT FIBER ENCLOSURE 54/108	Additional Component	Various Manufacturers	60PDNFRME3	\$ 379.95
RACK MOUNT ENCLOSURE PANDUIT	Additional Component	Various Manufacturers	60PDNFRME4	\$ 456.23
48/96 PORT RACK MT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME48BL	\$ 297.59
72/144 PORT FIBER RM ENCLOSE	Additional Component	Various Manufacturers	60PDNFRME72BL	\$ 452.20
12/24 PORT FIBER OPTIC WALL ENC, PANDUIT	Additional Component	Various Manufacturers	60PDNFWME12BL	\$ 100.22
24/48 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME24EB	\$ 217.09
48/96 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME48BL	\$ 243.10
WIRE MGMNT PANEL (PANDUIT)	Additional Component	Various Manufacturers	60PDNWMP1	\$ 93.76
PANDUIT CABLE MANAGER COVER	Additional Component	Various Manufacturers	60PDNWMP1RFC	\$ 7.00
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 3'	Additional Component	Various Manufacturers	60PDNWMPF1E	\$ 70.41
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 1.5'	Additional Component	Various Manufacturers	60PDNWMPFSE	\$ 60.16
VERTICAL CABLE MGT 4X5 FRT/REAR 45RU PANDUIT	Additional Component	Various Manufacturers	60PDNWMPV45E	\$ 301.27
VERTICAL PANEL CENTER BRACKET	Additional Component	Various Manufacturers	60PDNWMPVCB	\$ 10.37
WIRE MANAGEMENT PANELS (S & C)	Additional Component	Various Manufacturers	60PDNWMPVF20	\$ 82.45
VERTICAL MANAGER, FRONT ONLY PANDUIT	Additional Component	Various Manufacturers	60PDNWMPVF45E	\$ 185.64
VERTICAL WIRE MANAGEMENT FR. & REAR	Additional Component	Various Manufacturers	60PDNWMPVHC45	\$ 376.31
VERTICAL WIRE MANAGEMENT (FRONT)	Additional Component	Various Manufacturers	60PDNWMPVHCF45	\$ 376.31
FACEPLATE, RG6 LOADED, COAX PICO/MACOM	Additional Component	Various Manufacturers	60PINWP811V	\$ 0.82
WALL JACK PLATE STAINLESS STEEL ALLEN TEL	Additional Component	Various Manufacturers	60PRNSE-630A4	\$ 5.63
SC CONNECTORS 62.5 MICRON (FIBER)	Additional Component	Various Manufacturers	60SCN95-00041	\$ 22.53
SC SM F.O. CONNECTORS EPOXY	Additional Component	Various Manufacturers	60SCN95-20008	\$ 13.89
SC UNICAM SM FIBER OPTIC CONN	Additional Component	Various Manufacturers	60SCN95-2041	\$ 25.93
CONNECTOR ST- MM UNICAM CORNING	Additional Component	Various Manufacturers	60SCN95000-50	\$ 14.35
CONNECTOR ST SM UNICAM SGL MD PC CORNING	Additional Component	Various Manufacturers	60SCN9520051	\$ 22.08
SPLICE ENCLOSURE KIT	Additional Component	Various Manufacturers	60SCNBB2128882	\$ 124.30
FAN OUT KIT FOR LT CBL 12-F BUFFER 25" FAN OUT TUBING	Additional Component	Various Manufacturers	60SCNBT2512	\$ 22.95
CORNING FIBER ENCLOSURE	Additional Component	Various Manufacturers	60SCNCCH-02U	\$ 339.47
ADAPTER PANEL 12 STRAND CORNING	Additional Component	Various Manufacturers	60SCNCCH-CPI2-91	\$ 71.40
CORNING FIBER ADAPTER	Additional Component	Various Manufacturers	60SCNCCHCP1215T	\$ 53.36
CORNING SM FIBER ADAPTER PANEL	Additional Component	Various Manufacturers	60SCNCHCP1259	\$ 98.60
CORNING FAN	Additional Component	Various Manufacturers	60SCNFNBT2512	\$ 18.67
CORNING INDUSTRIAL FIBER HOUSING	Additional Component	Various Manufacturers	60SCNICH02P	\$ 476.00

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Item Description	Item Type	Manufacturer	Model	Cost
SPLICE TRAY	Additional Component	Various Manufacturers	60SCNM67031M	\$ 58.11
PATCH PANEL,24 PORT, RG6 LOADED, COAX SEMTRON	Additional Component	Various Manufacturers	60SENJP10124	\$ 106.25
WALL BRACKET FOR 60SENJP10124, COAX SEMTRON	Additional Component	Various Manufacturers	60SENWMB1014	\$ 56.95
ADAPTER PANEL , FIBER SC-12 SIEMON	Additional Component	Various Manufacturers	60SINRICFSC12	\$ 96.39
100 PAIR BASE W/LEGS SIEMON	Additional Component	Various Manufacturers	60SINS110AA21	\$ 37.98
300 PR 110 BASE W/LEGS 5 PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AA23	\$ 115.60
300 PR 110 BASE W/LEGS 4PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AB23	\$ 104.48
CONNECTORS, 4 PR- 110	Additional Component	Various Manufacturers	60SINS110C-4	\$ 0.95
RACK MOUNT 110 BLOCK SIEMON	Additional Component	Various Manufacturers	60SINS110DA21	\$ 102.41
DIST RING METAL 13C	Additional Component	Various Manufacturers	60SINSI-4755	\$ 2.13
CAT 7 JACKS SIEMON	Additional Component	Various Manufacturers	60SINT7F011	\$ 21.61
CAT 7 PATCH PANEL, 24 PORT UNLOADED SIEMON	Additional Component	Various Manufacturers	60SINTMPNLZ	\$ 91.51
110 500 PAIR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110M500	\$ 346.80
S110 500/PR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110MA2	\$ 337.45
WALL BRACKET FOR P.P. (48-PORT)	Additional Component	Various Manufacturers	60SPN442-516	\$ 43.59
Patch Panel 24-PORT CAT5e	Additional Component	Various Manufacturers	60SPN449-257	\$ 146.95
Patch Panel 48-PORT CAT-5/5E	Additional Component	Various Manufacturers	60SPN449-258	\$ 396.10
Patch Panel 12-PORT CAT5/5e	Additional Component	Various Manufacturers	60SPN449-685	\$ 99.35
RJ48X ASSEMBLY / SMART JACK	Additional Component	Various Manufacturers	60SPNRJ48X	\$ 6.31
WIRE MGMT PANEL	Additional Component	Various Manufacturers	60SPNWM35-DS	\$ 57.46
6-CONDUCTOR SURFACE JACK IVORY	Additional Component	Various Manufacturers	60SUNSE625A-6	\$ 2.31
RJ-45X TELECOMM JACK / RJ-31X	Additional Component	Various Manufacturers	60SUNSE625A28	\$ 4.37
PE/PVC BLUE JACKET REELS SYSTIMAX	Additional Component	Various Manufacturers	60SYN1061	\$ 0.19
1 PORT MOD JACK CAT 5E ORANGE SYSTIMX	Additional Component	Various Manufacturers	60SYNMPS100E112	\$ 10.32
POLE HARDWARE	Additional Component	Various Manufacturers	60TVNPOLEHDW	\$ 1,600.77
TRENDENT 16 PORT DATA SWITCH W/ POE	Additional Component	Various Manufacturers	60TWNTPES88	\$ 380.80
CAT 6 SL 110 MOD JACK ALMOND TYCO	Additional Component	Various Manufacturers	60TYN13750551	\$ 10.35
CAT 6 SL 110 MOD JACK BLUE TYCO	Additional Component	Various Manufacturers	60TYN13750556	\$ 10.35
TBNC TO BNC, CABLE PLENUM 25' EXTRON	Additional Component	Various Manufacturers	60VSN2637804	\$ 176.80
WALL PLATE EXTRON	Additional Component	Various Manufacturers	60VSNWP180	\$ 255.00
110 TERMINATION BLOCK KIT ALLENTEL	Additional Component	Various Manufacturers	61ALN100C4KIT	\$ 44.74
5-PAIR CONN BLOCK 110 CAT5E NON-TERMINATED (COMES 100/	Additional Component	Various Manufacturers	61ATN10380125	\$ 1.09
PROJECTOR MOUNT, UNIVERSAL	Additional Component	Various Manufacturers	61CENRPAU	\$ 204.00
BRACKET, CABLE TRAY WALL 12" GRAY	Additional Component	Various Manufacturers	61CHN11421-112	\$ 28.90
B CONNECTORS SEALANT FILLED, BLUE	Additional Component	Various Manufacturers	61DONDC100S	\$ 0.14
WEATHERPROOF HOUSING W/SPRINGKIT ON DOOR	Additional Component	Various Manufacturers	61GAN255-14SP	\$ 277.10
CONNECTOR BLOCK KIT W/ BRACKETS & CLIPS	Additional Component	Various Manufacturers	61GBN100C5-KIT	\$ 40.92
110 BLOCK W/LEGS 100 PAIR ALLEN TEL	Additional Component	Various Manufacturers	61GBN110BK-100	\$ 22.39

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Item Description	Item Type	Manufacturer	Model	Cost
GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	61GBN3B1E	\$ 3.83
66 MODULAR X-CONN BLOCK W/16-6	Additional Component	Various Manufacturers	61HBNBR256066	\$ 204.00
EQUIPMENT RACK 7'X19" RACK MT. VERTICAL BLK HUBBELL	Additional Component	Various Manufacturers	61HBNCR1976	\$ 637.50
WALL BRACKET HINGED HUBBELL	Additional Component	Various Manufacturers	61HBNHPWWB4U8	\$ 104.87
COAX BARREL CONNECTOR	Additional Component	Various Manufacturers	61HODCOAXCBLFDC	\$ 6.36
HINGED COVER, FIBERGLASS TYPE 4X HOFFMAN	Additional Component	Various Manufacturers	61HOND16148	\$ 222.70
MOUNTING BRACKETS FOR CS5200/5400 BASE SYSTEM	Additional Component	Various Manufacturers	61INN823.1392	\$ 17.00
CAT 5E PRIMARY PROTECTOR, 4 PAIR	Additional Component	Various Manufacturers	61ITNCAT5-LAN	\$ 117.30
CABLE MGMNT HORIZONTAL	Additional Component	Various Manufacturers	61LVN41D1R-HCM	\$ 28.82
200PR RK MT 110 BLK W/ 5-PR-CON	Additional Component	Various Manufacturers	61LVN41DBR-2FS	\$ 139.83
300PR RK MT 110 BLK W/ 5-PR CON	Additional Component	Various Manufacturers	61LVN41DBR-3FS	\$ 200.60
BRACKET, PKM 48 LONG	Additional Component	Various Manufacturers	61MIN13280029	\$ 30.35
BIX DIST CONN CAT5 4/PR	Additional Component	Various Manufacturers	61NCNA0393146	\$ 9.06
GAS TUBE PROTECTOR DATA	Additional Component	Various Manufacturers	61PSN1504PX27	\$ 102.43
50 PAIR QUICK CLIP IN RJ21X 9 (GAS TUBES/W/66 IN AND FRJ (RJ2	Additional Component	Various Manufacturers	61PSN2405066F	\$ 450.50
100 PR PROTECTOR, MODULES INCLUDED W/ COVER PORTA SYS	Additional Component	Various Manufacturers	61PSN2510066	\$ 799.34
25/GAS TUBE PROTECTOR W/BLOCK	Additional Component	Various Manufacturers	61PSN58IP-225	\$ 247.81
DELTA PROTECTOR MODULE-230V	Additional Component	Various Manufacturers	61PSN95BCDXN230	\$ 2.52
HINGED COVER ORANGE 66-BLOCK	Additional Component	Various Manufacturers	61PTNPSH66MO	\$ 1.67
B-CONNECTOR	Additional Component	Various Manufacturers	61RENRB-1000	\$ 0.09
CONNECTOR BLOCK FOR 66	Additional Component	Various Manufacturers	61SEN66B4-25	\$ 42.72
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
PROJECTOR BRACKET, RPAU UNIVERSAL	Additional Component	Various Manufacturers	61UNNRPAU	\$ 204.00
24-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62-CA-N/024KSA20	\$ 3.06
48-STRAND ID/OD FOC mm 62.5/125	Additional Component	Various Manufacturers	62-CA-N/048KWA20	\$ 5.36
Cable 12 PR/24 GUAGE FIG '8' O/H (1/4" MESSENGER)	Additional Component	Various Manufacturers	62ALN12/24O/H	\$ 1.11
Cable FIG '8' O.H.	Additional Component	Various Manufacturers	62ALN6/24 O/H	\$ 0.99
CABLE, 12 PR OUTSIDE/OVERHEAD 24-12 EXCHANGE CABLE PE	Additional Component	Various Manufacturers	62ALNE001224	\$ 0.82
VIDEO/POWER CABLE 100' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL100P	\$ 32.28
VIDEO/POWER CABLE 50' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL50PV	\$ 23.78



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Item Description	Item Type	Manufacturer	Model	Cost
Cable 50 PAIR, 24G UNDERGROUND	Additional Component	Various Manufacturers	62ATN50/24UG	\$ 2.57
Cable DATATWIST 350MHZ CAT5E BLUE	Additional Component	Various Manufacturers	62BDN1700A-B	\$ 0.13
Cable DATATWIST 350MHZ CAT5E WHITE	Additional Component	Various Manufacturers	62BDN1700A-W	\$ 0.13
RG11 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN3094A	\$ 0.62
RG6 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN7916A	\$ 0.16
RG 6 COAX NON-PLENUM	Additional Component	Various Manufacturers	62BDN9116	\$ 0.10
RG6 CO-AXIAL CABLE (Non-Plenum)	Additional Component	Various Manufacturers	62BDNRG6	\$ 0.22
CAT 5e 4PR NON-PLENUM - BLUE BERK-TEK	Additional Component	Various Manufacturers	62BEN10032426	\$ 0.13
CAT 5E 4 PR NON-PLENUM - GRAY BERK-TEK	Additional Component	Various Manufacturers	62BEN10032447	\$ 0.13
Cable 18/2 Twisted Shielded Plenum BE	Additional Component	Various Manufacturers	62BEN887600021000	\$ 0.68
FIBER OPTIC CABLE 6 STRAND MM PLENUM ARMOR BERK-TEK	Additional Component	Various Manufacturers	62BENMIPJ6DN	\$ 2.57
Cable RG/59U Plenum BE	Additional Component	Various Manufacturers	62BENR659UP	\$ 0.48
Cable RG/6U Quad Shield Plenum BE	Additional Component	Various Manufacturers	62BENRG6UPTQ	\$ 0.72
EHS STEEL STRAND 1/4" (5/M FT ROLLS)	Additional Component	Various Manufacturers	62BHNEHS14US	\$ 0.27
CABLE KIT, 10' - WHITE BOGEN	Additional Component	Various Manufacturers	62BONCK10W	\$ 15.30
MESSANGER CABLE 1/4 " strand	Additional Component	Various Manufacturers	62BRN1/4	\$ 0.32
Cable CROSS CONNECT WIRE	Additional Component	Various Manufacturers	62BRN1/PR	\$ 0.05
CAT 5E 5' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-005	\$ 4.17
CAT 5E 10' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-010	\$ 5.87
CAT 6 2000 BLUE, BERK-TEK LANMARK	Additional Component	Various Manufacturers	62BTN10064547	\$ 0.88
F.O.C. 6/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX06055D	\$ 0.51
F.O.C. 12/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX12065D	\$ 0.88
Cable 6-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-006	\$ 1.02
Cable 12-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-012	\$ 0.70
Cable 24-STRAND H.DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-024	\$ 1.84
Cable 48-STRAND H.DUTY RISE sm	Additional Component	Various Manufacturers	62BTNLTR-048	\$ 2.47
FIBER 6 STRAND, 62.5, MULTI MODE, I/O	Additional Component	Various Manufacturers	62BTNLTR006CB3510/25-BT	\$ 0.99
Cable 6/STRAND FOC mm W/ARMORED	Additional Component	Various Manufacturers	62BTNOPA-006	\$ 1.43
Cable 6-STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-006	\$ 0.55
Cable 24 STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-024	\$ 3.71
6 STRAND SINGLE MODE PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR006AB1010	\$ 0.38
12 STRAND 50 MICRON MM PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR012LB351575	\$ 1.53
BURNDY MECHANICAL LUGS	Additional Component	Various Manufacturers	62BUNKA2U	\$ 1.31
12-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62CAN012KSA20	\$ 2.47
GROUND WIRE, INSULATED, GREEN JACKET	Additional Component	Various Manufacturers	62CAN6AWG	\$ 0.40
CARLON 1 IN. PLENUM INNERDUCT	Additional Component	Various Manufacturers	62CANC4X1C-1000	\$ 2.67
PLENUM 1" INNERDUCT ORANGE CARLON	Additional Component	Various Manufacturers	62CANC4X1C-500	\$ 2.67
PLENUM 1" ORANGE W TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANC4X1C-8000	\$ 2.86

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
1" RISER PVC ORG. TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANDF4X1C-9400	\$ 1.14
COAX CABLE PARAMTR 111 75 SER COMPND	Additional Component	Various Manufacturers	62CMNP3875J	\$ 1.79
Corning 6 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN006R8F31131-29	\$ 0.88
Corning 12 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN012R8F31131-29	\$ 1.19
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048KW4-74130A20	\$ 6.55
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048RW4-74101A20	\$ 1.09
6-STRAND sm IN-OUT F.O.C.	Additional Component	Various Manufacturers	62CNN373-COR8.3LTD-06	\$ 0.34
CORNING INTERLOCKING ARMOR PLENUM	Additional Component	Various Manufacturers	62CON006K8831130A3	\$ 2.64
Fiber Freedom 6 strand MM	Additional Component	Various Manufacturers	62CON006K8F-31130-29	\$ 1.68
6 STRAND 62.5/125 LT DUCT/AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON006KW4	\$ 1.02
CORNING 6 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON006TU4	\$ 105.40
FIBER 12 STRAND SM MIC CORNING	Additional Component	Various Manufacturers	62CON012E88	\$ 1.14
CABLE, FIBER OPTIC 12/STRAND 8.3/125 LT. DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON012EUC	\$ 0.77
12 STRAND FIBER OPTIC CABLE ARMORED PLENUM MM	Additional Component	Various Manufacturers	62CON012K88	\$ 3.83
12-STRAND 62.5/125 LT DUCT/AERIAL ALTOS GEL FREE	Additional Component	Various Manufacturers	62CON012KW4	\$ 1.79
12 STRAND FIBER OPTIC CABLE FIG "8" ARIEL MM	Additional Component	Various Manufacturers	62CON012KWA	\$ 2.11
12 STRAND FIBER OPTIC CABLE ARMORED	Additional Component	Various Manufacturers	62CON012KWC	\$ 1.90
CORNING 12 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON012TU4	\$ 1.50
FIBER 24 STRAND MM MIC CORNING	Additional Component	Various Manufacturers	62CON024K88	\$ 4.42
24 STRAND 62.5/125 LT. DUCT/ AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON024KW4	\$ 3.23
CORNING 24 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON024TU4	\$ 2.77
CABLE, FIBER OPTIC 48/STRAND 8.3/125 LT.DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON048EUC	\$ 1.29
Fiber Optic Cable 48/Strand mm Indoor // Outdoor Lt. Duct Aerial	Additional Component	Various Manufacturers	62CON048TU4	\$ 6.21
COAX RG6 PLENUM COMM/SCOPE WHITE ( 1/M)	Additional Component	Various Manufacturers	62CON2227V	\$ 0.83
CABLE, ARMORED PLENUM 6-F 62.5/125 CORNING	Additional Component	Various Manufacturers	62CON370406A	\$ 2.79
FIBER OPTIC CABLE 12 STRAND ARMOURED PLENUM 50 MICRON	Additional Component	Various Manufacturers	62CON370COR0M2	\$ 3.66
CABLE 6 STRAND FOC MM W/ ARMORED	Additional Component	Various Manufacturers	62CON372625	\$ 1.22
CABLE, FIBER OPTIC ARMOR MM(MULTIMODE) 24 STRAND INDOOR	Additional Component	Various Manufacturers	62CONMIPJ24D	\$ 6.68
CABLE RG6 QUAD SHIELD COAX NON-PLENUM	Additional Component	Various Manufacturers	62CONRG6NP	\$ 0.16
FIBER OPTIC CABLE, SINGLE MODE 6 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN006EUE	\$ 0.92
FIBER OPTIC CABLE 6 STRAND MM INTERLOCKING ARMOR CORNING	Additional Component	Various Manufacturers	62CRN006K813	\$ 1.87
Fiber Optic Cable 6/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN006TU4-T4131D20	\$ 0.88
Single Mode Fiber Optic Cable 12/Strand Gel Free Enhanced Jacket	Additional Component	Various Manufacturers	62CRN012EUE	\$ 1.46
FIBER OPTIC CABLE, SINGLE MODE 12 STRAND GEL FREE CORNING	Additional Component	Various Manufacturers	62CRN012EVC	\$ 0.65
MM 12-STRAND FREEDM IN/OUT	Additional Component	Various Manufacturers	62CRN012KSFMM	\$ 1.87
12-STRAND mm I/O FREEDOM FOC	Additional Component	Various Manufacturers	62CRN012MMFIO	\$ 2.01
Fiber Optic Cable 12/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN012TU4-T4131D20	\$ 1.43
CABLE, FIBER OPTIC 24 STRAND SM LT. DUCT/AERIAL CORNING	Additional Component	Various Manufacturers	62CRN024EU4	\$ 0.58

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Fiber Optic Cable 24/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN024TU4-T4131D20	\$ 2.77
FIBER OPTIC CABLE,SINGLE MODE 36 STRAND GEL FREE ENHANC	Additional Component	Various Manufacturers	62CRN036EUE	\$ 1.72
6/STRAND mm PLENUM RISER	Additional Component	Various Manufacturers	62CRN370-949-FDDI-06	\$ 1.12
6 STRAND MM FIBER CABLE 62.5 I/O	Additional Component	Various Manufacturers	62CRN625LTD06	\$ 1.02
FIBER OPTIC 6 STRAND MM FIG. "8" AERIAL CORNING	Additional Component	Various Manufacturers	62CRNLTFIG806	\$ 1.39
12" CABLE RUNWAY - GRAY	Additional Component	Various Manufacturers	62CWN10250-112	\$ 93.50
CABLE TRAY 15" CHATSWORTH	Additional Component	Various Manufacturers	62CWN10250115	\$ 123.42
Cable ENGЕНИUS EXT-ANTENNA W/60	Additional Component	Various Manufacturers	62EGNSNULAK20	\$ 225.51
INNERDUCT 1" OSP HDPE ORG WPP ROPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNICE100	\$ 0.37
INNERDUCT 1" PLENUM WHT W/TAPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNIPR1	\$ 2.45
Cable 150 PAIR TELEPHONE	Additional Component	Various Manufacturers	62ETN150PR	\$ 2.13
CABLE VGA 75' MALE - MALE 15 PIN EXTRON	Additional Component	Various Manufacturers	62EXN2623819	\$ 180.20
PRETERMINATED BNC CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2626016	\$ 247.35
PRETERMINATED M-M S-VIDEO CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2631606	\$ 61.20
Cable 14/2 Plenum GC	Additional Component	Various Manufacturers	62GCN31284186	\$ 0.28
Cable 18/4 Plenum GC	Additional Component	Various Manufacturers	62GCN4C18CMP	\$ 0.21
Cable 18/2 Plenum GC	Additional Component	Various Manufacturers	62GCNC31124186	\$ 0.13
DOOR SECURITY CABLE 18G/6C SHLD PLENUM	Additional Component	Various Manufacturers	62GCNHOU1806SCMP	\$ 0.65
CABLE 300 PAIR, UNDERGROUND, GENERAL	Additional Component	Various Manufacturers	62GENDB300P	\$ 10.86
CAT5+PLENUM 350 MHZ	Additional Component	Various Manufacturers	62GRB5224148	\$ 0.30
PULL ROPE 3/8" X 600' REEL IDEAL	Additional Component	Various Manufacturers	62IDN31845	\$ 0.40
1/PAIR X-CONNECT ORANGE	Additional Component	Various Manufacturers	62INN900.9045OR	\$ -
1/PAIR X-CONNECT RED/WHITE	Additional Component	Various Manufacturers	62INN900.9045RD	\$ 0.02
1/PAIR X-CONNECT YELLOW/BLUE	Additional Component	Various Manufacturers	62INN900.9045YL/BL	\$ 0.02
Cat 5E 100MHZ Blue	Additional Component	Various Manufacturers	62INN902.9001	\$ 0.00
Cat 5E100 MHZPlenum White	Additional Component	Various Manufacturers	62INN902.9001WH	\$ 0.00
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
Cable RG-59U CO-AX	Additional Component	Various Manufacturers	62KWNRG-59U	\$ 0.19
CABLE 2287K COMMSCOPE	Additional Component	Various Manufacturers	62KWNRG112287K	\$ 2.13
LEVITON 300 PR 110 BLOCK KIT	Additional Component	Various Manufacturers	62LEN41AB2-3FT	\$ 83.30

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Item Description	Item Type	Manufacturer	Model	Cost
100 PR 110 BLOCK KIT W/ C-5'S	Additional Component	Various Manufacturers	62LEN41AB21F5	\$ 34.00
LEVITON CAT 6 96 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-1F4	\$ 59.50
LEVITON CAT 6 288 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-3F4	\$ 156.40
Cable GROUND WIRE SOLID #10 GREEN	Additional Component	Various Manufacturers	62LFN#10	\$ 0.15
Cable MEGALAN OUTSIDE CAT5e	Additional Component	Various Manufacturers	62MHN5EX0424	\$ 0.48
MOHAWK CAT 6 BLUE PLENUM CABLE	Additional Component	Various Manufacturers	62MON6P4P24	\$ 0.59
CAT 3 50 PR. PLENUM MOHAWK OR BERK-TEK	Additional Component	Various Manufacturers	62MONM56126	\$ 2.38
GROUND CLAMP FOR WATER PIPE CROUSE-HIND	Additional Component	Various Manufacturers	62MWN141DC	\$ 1.80
CABLE, AUDIO 75'	Additional Component	Various Manufacturers	62NON2002PP75	\$ 113.90
AUDIO CABLE 75'	Additional Component	Various Manufacturers	62NON2P2P75	\$ 115.60
CABLE, VIDEO 75'	Additional Component	Various Manufacturers	62NONPPCV75	\$ 108.80
ARMOR, INTERLOCKING 12 FIBER PLENUM 62.5/125 OPTICAL	Additional Component	Various Manufacturers	62OPNDX12060KW900	\$ 4.42
G-PURPOSE I/D ORNGE, W/PULL	Additional Component	Various Manufacturers	62PMNGP-125T	\$ 1.12
PLENUM 1.25" DIAMETER INNERDUCT W/PULL TAPE - WHITE	Additional Component	Various Manufacturers	62PMNPLM125T	\$ 4.00
TELCO CLUSTER BAR 12 RJ-11 USOC 4-PR	Additional Component	Various Manufacturers	62PRNFM030	\$ -
PVC CONDUIT- COMES IN 10' PCS.	Additional Component	Various Manufacturers	62PVCCON2	\$ 0.80
CABLE STANDS	Additional Component	Various Manufacturers	62RAN11455	\$ 117.50
AUDIO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCN2PP25P	\$ 102.00
VIDEO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCNCV25HRP	\$ 68.00
62.5/125 MICRON TB RISER MM FIBER CORNING	Additional Component	Various Manufacturers	62SCN012K81	\$ 1.68
ENDOCORE 1" PVC INNERDUCT	Additional Component	Various Manufacturers	62SCNICE100	\$ 0.31
200 PR SEALPIC DIRECT BURIAL CABLE PE-89	Additional Component	Various Manufacturers	62SEN200PRDBC	\$ 3.49
CAT 3 25 PR	Additional Component	Various Manufacturers	62SEN25PRP24	\$ 0.88
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340026G01	\$ 0.34
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340029101	\$ 0.24
24 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440246G01	\$ 3.83
24 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440249101	\$ 2.38
Cable Cat 5E Plenum 100MHZ SE Blue	Additional Component	Various Manufacturers	62SEN5124128	\$ 0.31
Cable Cat 5E Plenum 100MHZ SE Gray	Additional Component	Various Manufacturers	62SEN5124138	\$ 0.23
CAT 5E 25PR 24GA PLENUM	Additional Component	Various Manufacturers	62sen5147848	\$ 5.36
CAT5E 25 PAIR	Additional Component	Various Manufacturers	62SEN5147848NFR	\$ 5.92
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
CABLE 100 TO 400 MHZ BLUE	Additional Component	Various Manufacturers	62STN1-4B	\$ 0.30
CABLE 100 TO 400 MHZ WHITE	Additional Component	Various Manufacturers	62STN1-4W	\$ 0.30
25 PR .24GA EXCHANGE CABLE PE 22 AIRCORE SUPERIOR	Additional Component	Various Manufacturers	62SUNE002524	\$ 1.00
Cable 12/PAIR .24GA O/H FIG-8	Additional Component	Various Manufacturers	62TSN12/24-OH	\$ 0.82
Cable 12/PAIR 24GA UNDERGRND	Additional Component	Various Manufacturers	62TSN12/24-UG	\$ 0.31
SPKR WIRE 2/PR 1/PR SHLDED	Additional Component	Various Manufacturers	62WPN253757B	\$ 0.22
Cable - 2pr 1pr shielded - White speaker	Additional Component	Various Manufacturers	62wpm357	\$ 0.18
FIRESTOP WATERBASE CAULK 5-GL	Additional Component	Various Manufacturers	633MNCP25WB	\$ 375.00
FIRESTOP (TUBED)	Additional Component	Various Manufacturers	633MNCP25WB&CAULK	\$ 14.21
MOLDABLE PUTTY STICKS (FIRESTOP) 1.5" X 11" 3M	Additional Component	Various Manufacturers	633MNMP+	\$ 19.70
CLAMP 1 1/4 STRAP T-20	Additional Component	Various Manufacturers	63ABN9000200	\$ 0.29
D RINGS 8" CUT ALLENTEL	Additional Component	Various Manufacturers	63ALNGB10C	\$ 2.81
D RINGS 8" ALLENTEL	Additional Component	Various Manufacturers	63ALNGB13C	\$ 2.30
UNICAM INSTALLATION TOOL	Additional Component	Various Manufacturers	63ANNTLUCO1	\$ 561.00
WALL MOUNT CABINET 8U	Additional Component	Various Manufacturers	63BBNRM2412A	\$ 484.50
GROUND ROD CLAMP 5/8	Additional Component	Various Manufacturers	63BCNGRC58	\$ 5.05
CONDUIT HANGER WITH BOLT 3 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN7B	\$ 1.22
CONDUIT HANGER WITH BOLT 4 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN9B	\$ 3.49
BRIDLE RING 2-INCH	Additional Component	Various Manufacturers	63CFN4BRT32	\$ 1.29

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Item Description	Item Type	Manufacturer	Model	Cost
CLAMPS - CONDUIT 1 1/4"	Additional Component	Various Manufacturers	63CFN6H2.5B	\$ 0.51
CLAMPS - CONDUIT 2" THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H5B	\$ 0.78
3" PIPE HANGER W/ NUT BOLT THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H7B	\$ 1.23
CLAMPS - BEAM	Additional Component	Various Manufacturers	63CFNBC260025EG	\$ 1.11
CLIP CABLE SUPPORT 1/8-1/2 FLNG	Additional Component	Various Manufacturers	63CFNCAT21BC	\$ 0.61
J - HOOKS 2"	Additional Component	Various Manufacturers	63CFNCAT32	\$ 4.08
CABLE HANGER ASSEMBLY	Additional Component	Various Manufacturers	63CFNCAT425	\$ 18.45
BUS BAR BICSI TMG 1/4 IN X 2 CHATSWORTH	Additional Component	Various Manufacturers	63CHN1362201	\$ 110.42
CISCO AIRONET 1300 ROOF MOUNT KIT	Additional Component	Various Manufacturers	63CIN1300KIT	\$ 273.70
CISCO AIRONET 1310 OUTDOOR ACCESS POINT/BRIDGE	Additional Component	Various Manufacturers	63CIN1310	\$ 1,303.90
PROTECTION PANEL CIRCA 100 PR	Additional Component	Various Manufacturers	63CIN1890ECT1	\$ 527.00
CISCO 2821 SECURITY BUNDLE ROUTER 2U IOS ADV MITEL DA	Additional Component	Various Manufacturers	63CIN2821	\$ 5,630.40
CISCO CATALYST 2960G 48 PORT GIGABIT MITEL DATANET	Additional Component	Various Manufacturers	63CIN2960G48	\$ 5,518.20
CISCO 3550 24 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550	\$ 3,357.50
CISCO 3550 48 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550-48	\$ 5,355.00
Cisco Catalyst 3560-24PS SMI PoE	Additional Component	Various Manufacturers	63CIN3560-24PS	\$ 4,332.28
48 PORT 3560 SWITCH CISCO	Additional Component	Various Manufacturers	63CIN3560-48	\$ 6,174.40
CISCO CATALYST 3560-24PS	Additional Component	Various Manufacturers	63CIN356024PS	\$ 3,950.80
SWITCH, ETHERNET 48 PORT POE CISCO	Additional Component	Various Manufacturers	63CIN3750G	\$ 16,660.00
MODULE, EXPANSION CISCO GIGABIT ETHERNET 4 PORTS	Additional Component	Various Manufacturers	63CIN51202941	\$ 637.50
SWITCH, 300 SERIES, MANAGED SG 300 - 10P CISCO	Additional Component	Various Manufacturers	63CIN51204519	\$ 603.50
AIRONET 1130AG SERIES WAP CISCO	Additional Component	Various Manufacturers	63CINAIRAP11	\$ 731.00
12 SWITCH CISCO	Additional Component	Various Manufacturers	63CINC295012	\$ 1,003.00
CISCO SMARTNET 8X5XNBD-SMS-1	Additional Component	Various Manufacturers	63CINCONSNTSMS	\$ 1.45
GBIC TRANSCEIVER MODULE, 1000BASE-LX 1000BASE-LH PLUG II	Additional Component	Various Manufacturers	63CING5486	\$ 1,202.85
GBIC, MINI SFP TRANSCEIVER MODULE, 1000 BASE-LZ, 1000 BASE	Additional Component	Various Manufacturers	63CINGLCLHSM	\$ 1,020.00
GBIC 100 BASE-SX	Additional Component	Various Manufacturers	63CINGLCSXMM	\$ 382.50
LINKSYS TRANSC MOD SFP GB EN CISCO	Additional Component	Various Manufacturers	63CINMGBSX1	\$ 214.20
FLEX PVC 1 1/2 L/T 4T (PER/FT) CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLN1501010	\$ 2.99
FLEXCONN, 1 1/2 STR L/T CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLNLT43H	\$ 29.04
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CON2CZYLSIC	\$ 0.31
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CONMPN2CZLORBER	\$ 0.44
ROPE 3/16" X 1000 CONDUIT FISH LINE	Additional Component	Various Manufacturers	63CRN02398	\$ 52.70
ANCHOR KIT - CONCRETE CHATSWORTH	Additional Component	Various Manufacturers	63CWN40604003	\$ 14.40
DRIVE RINGS 1 1/4 INCH	Additional Component	Various Manufacturers	63DMN30-00807	\$ 0.53
SCREW, V4 X 1 RND HEAD DOTPIC	Additional Component	Various Manufacturers	63DON1/4SCREW	\$ 0.18
WASHER, 1/4 X 1 WASHER DOTPIC	Additional Component	Various Manufacturers	63DON1/4WASHER	\$ 0.12
CONDUIT CLIP 1/2-3/4	Additional Component	Various Manufacturers	63ECN812M	\$ 0.33

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Item Description	Item Type	Manufacturer	Model	Cost
FLEX LIQ TIGHT CONDUIT	Additional Component	Various Manufacturers	63EFNEF11-GRY	\$ 0.73
DC EMT SET-SCREW CONN 4-INCH	Additional Component	Various Manufacturers	63EPN239-DC2	\$ 4.63
PLASTIC INSUL BUSHING 4-INCH	Additional Component	Various Manufacturers	63EPN330	\$ 4.63
J - HOOK ASSEMBLED TO HAMMER ON FLANGE ERICO	Additional Component	Various Manufacturers	63ERNCAT2124	\$ 4.73
J - HOOK ASSEMBLED W/ BEAM CLAMP ERICO	Additional Component	Various Manufacturers	63ERNCAT32BC	\$ 6.10
COPPERBND GRND ROD 5/8X8	Additional Component	Various Manufacturers	63ETN615880	\$ 11.00
66 / 110 TERMINATION BLADE FLUKE NETWORKS	Additional Component	Various Manufacturers	63FLN0178600	\$ 45.80
66 BLADE / DULL FLUKE NETWORKS, INC.	Additional Component	Various Manufacturers	63FLN10056000	\$ 29.60
JUNCTION BOX (2 PC)	Additional Component	Various Manufacturers	63GBN3510IW-A	\$ 6.66
WIREMOLD FLUSH DUAL FACEPLATE	Additional Component	Various Manufacturers	63GBN5507FRJ	\$ 4.10
WIREMOLD BUSHING	Additional Component	Various Manufacturers	63GBN702	\$ 0.43
BLACK RUBBER FLOOR GUARD	Additional Component	Various Manufacturers	63GBNBK1400-10	\$ 2.41
HOOK, DRIVE 4 3/4"	Additional Component	Various Manufacturers	63GBNC2050190	\$ 1.50
C5 CLIPS (GOES ON 110 BLOCK)	Additional Component	Various Manufacturers	63GBNGB110-C5	\$ 7.65
A-B-SWITCH	Additional Component	Various Manufacturers	63GBNGB477	\$ 17.00
SCREWS 8 X 3/4 PAN HD TAPPING	Additional Component	Various Manufacturers	63GBNJTS20	\$ 0.05
CAT 6 RJ45 TO 110 CORD	Additional Component	Various Manufacturers	63GBNRJ45	\$ 27.20
WIREMOLD STEEL BOX	Additional Component	Various Manufacturers	63GBNV5744	\$ 22.10
WIREMOLD STEEL BOX -2 1/4 " DEEP	Additional Component	Various Manufacturers	63GBNV5744S	\$ 18.67
WIREMOLD STEEL RACEWAY	Additional Component	Various Manufacturers	63GBNV700	\$ 1.70
WIREMOLD MOUNTING STRAP	Additional Component	Various Manufacturers	63GBNV704	\$ 0.54
WIREMOLD CONNECTION COVER	Additional Component	Various Manufacturers	63GBNV706	\$ 0.58
WIREMOLD FLAT ELBOW	Additional Component	Various Manufacturers	63GBNV711	\$ 1.96
WIREMOLD INTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV717	\$ 2.55
WIREMOLD EXTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV718	\$ 2.38
F CONNECTORS FOR PVC RG6 COAX	Additional Component	Various Manufacturers	63GINGF6AHS	\$ 0.63
TONE TEST SET GENERATOR W/mOD CORD & CLIPS GREENLEE	Additional Component	Various Manufacturers	63GRN166855	\$ 56.10
SQUARE COVER 4" FOR SINGLE DEVICE	Additional Component	Various Manufacturers	63GRN52CO	\$ 1.02
FISH RODS / STICKS GREENLEE	Additional Component	Various Manufacturers	63GRN54015	\$ 74.58
FLEX LIQUID TIGHT CONDUIT 3/4	Additional Component	Various Manufacturers	63GRNEF12GRY3/4	\$ 0.77
CONDUIT STRAP 3/4 1H STL	Additional Component	Various Manufacturers	63GRNHS102	\$ 0.37
2" STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN2EMT	\$ 2.41
ELBOW, 90 DEGREE 2"	Additional Component	Various Manufacturers	63GVN2EMTELL	\$ 7.29
3 " STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN3EMT	\$ 4.78
ELBOW, 90 DEGREE 3"	Additional Component	Various Manufacturers	63GVN3EMTELL	\$ 26.49
RENTAL OF 1000' FISHTAPE	Additional Component	Various Manufacturers	63HANFISHTAPE	\$ 255.00
CUBICLE JACK HOUSING PLATE	Additional Component	Various Manufacturers	63HBNHMR-BBK	\$ 3.13
BEZEL FOR FLOOR BOXES, GRAY - KIT (10-PK)	Additional Component	Various Manufacturers	63HBNHWM2KGY10	\$ 15.62

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Item Description	Item Type	Manufacturer	Model	Cost
CEILING FITTING HUBBELL	Additional Component	Various Manufacturers	63HBNMT134CF	\$ 4.35
1 GANG BOX STANDARD MT3 HUBBELL	Additional Component	Various Manufacturers	63HBNMT345BA	\$ 5.20
MEDIA TRACK 3 7' HUBBELL	Additional Component	Various Manufacturers	63HBNMT3ABC7	\$ 1.70
1 GANG STD BOX 1.78IN D HUBBELL	Additional Component	Various Manufacturers	63HBNMT678SB	\$ 6.05
CONDUIT ADAPTERS	Additional Component	Various Manufacturers	63HBNMT67CACF	\$ 5.41
MEDIA TRACK 6 (RACEWAY) 7' LENGTH	Additional Component	Various Manufacturers	63HBNMT6ABC7	\$ 2.13
BASE AND COVER W/ ADHESIVE 7 FT MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8ABC7	\$ 27.81
FITTING END CAP MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EC	\$ 1.70
ELBOW FTTNG EXT B C MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EEBC	\$ 5.63
FLAT ELBOW BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8FEBC	\$ 5.42
ELBOW, INTR BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8IEBC	\$ 5.42
SPLICE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8SC	\$ 1.02
BOX, POLYTRAK 1 - G 1.78D STD HUBBELL	Additional Component	Various Manufacturers	63HBNPDB12S	\$ 6.78
CEILING CONDUIT LANTRAK HUBBELL	Additional Component	Various Manufacturers	63HBNPLP1ACF	\$ 5.78
BEZEL FOR WALKER FLOOR BOXES FOR HUBBELL JACKS	Additional Component	Various Manufacturers	63HBNRFB2ABSS	\$ 15.30
NM4/12 FLUSH ENCLOSURE	Additional Component	Various Manufacturers	63HENCFM12126	\$ 408.00
Firestop cartridge Hilti	Additional Component	Various Manufacturers	63HIN259580	\$ 22.67
PULL BOX 12 X 12 NO K HOFFMAN ENGINEERING	Additional Component	Various Manufacturers	63HONASG12	\$ 26.08
PULL BOX 24" X 18" X 6" HOFFMAN ENGINEERING CO.	Additional Component	Various Manufacturers	63HONASG24	\$ 85.00
FLOOR BOX W/RECPT PEDESTAL	Additional Component	Various Manufacturers	63HVNNSC3091	\$ 86.96
FISHTAPE - 1/4" 100 FT./CASE	Additional Component	Various Manufacturers	63ID31063	\$ 2.29
FISH TAPE 200 FT 1/4"	Additional Component	Various Manufacturers	63IDN31-065	\$ 386.31
LUBRICANT IDEAL YELLOW - 77 5 GALLON	Additional Component	Various Manufacturers	63IDN31-375	\$ 98.60
LUBRICANT YELLOW-77 IDEAL (1-GAL) WIRE PULLING	Additional Component	Various Manufacturers	63IDN31351	\$ 26.57
RIVETS FOR WALL MOUNT ENDPOINT	Additional Component	Various Manufacturers	63INN808.1503	\$ -
SCREWS, ITW TAPCON 1/4" X 1 3/4"	Additional Component	Various Manufacturers	63ITNCSH-20	\$ 0.37
COUPLING DUPLEX ST LEVITON	Additional Component	Various Manufacturers	63LEN412912TI	\$ 18.94
COUPLING DUPLEX SC LEVITON	Additional Component	Various Manufacturers	63LEN41291PCI	\$ 35.97
BLANK MODULE 2 UNIT LEVITON	Additional Component	Various Manufacturers	63LEN412922BI	\$ 1.38
POWER POLE 12' 2" IVORY HUBBELL	Additional Component	Various Manufacturers	63LFN12AI	\$ 237.63
BLACK ELECTRICAL TAPE	Additional Component	Various Manufacturers	63LFN17TEMFLEX	\$ 1.04
WIREMOLD SURFACE RACERWAY	Additional Component	Various Manufacturers	63LFN2300BA+C	\$ 5.20
COVER CLIP FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2306	\$ 1.04
90 DEGREE FLAT ELBOW FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2311	\$ 2.92
T-CONNECTORS FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2315	\$ 3.57
INSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2317	\$ 3.30
OUTSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2318	\$ 2.92
1-GANG DEEP BOX, ELECTRICAL - DEPTH 1 3/4" WIDTH 3" IVORY	Additional Component	Various Manufacturers	63LFN2348-1	\$ 9.69



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Item Description	Item Type	Manufacturer	Model	Cost
2-GANG DEEP WIREMOLD BOX	Additional Component	Various Manufacturers	63LFN2348-2	\$ 12.73
POWER POLES, RACEWAY 10' 5" WIREMOLD	Additional Component	Various Manufacturers	63LFN25DTP4	\$ 187.00
TAPE BLUE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BLU	\$ 4.49
TAPE BROWN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BRN	\$ 4.49
TAPE GRAY 3/4" X 66'	Additional Component	Various Manufacturers	63LFN35GRA	\$ 1.33
TAPE GREEN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35GRE	\$ 4.49
TAPE ORANGE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35ORA	\$ 4.49
TAPE RED 3/4" X 66	Additional Component	Various Manufacturers	63LFN35RED	\$ 4.49
TAPE VIOLET 3/4" X 66	Additional Component	Various Manufacturers	63LFN35VIO	\$ 4.49
TAPE WHITE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35WHI	\$ 4.49
TAPE YELLOW 3/4" X 66	Additional Component	Various Manufacturers	63LFN35YEL	\$ 4.49
WIREMOLD- 400 ADHESIVE BASE AND COVER	Additional Component	Various Manufacturers	63LFN400BA&C	\$ 2.55
COVER CLIP	Additional Component	Various Manufacturers	63LFN406	\$ 0.66
BLANK END FITTING	Additional Component	Various Manufacturers	63LFN410B	\$ 0.95
POLY PULL LINE (6500')	Additional Component	Various Manufacturers	63LFN430	\$ 46.36
WIREMOLD - 800 ADHESIVE BASE & COVER	Additional Component	Various Manufacturers	63LFN800BA&C	\$ 3.23
NM COVER CLIP WIREMOLD	Additional Component	Various Manufacturers	63LFN806	\$ 0.77
FITTING, ENTRANCE END WIREMOLD	Additional Component	Various Manufacturers	63LFN810A2	\$ 7.46
BLANK END FITTING FOR 800 WIREMOLD	Additional Component	Various Manufacturers	63LFN810B	\$ 1.34
90 DEGREE FLAT ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN811	\$ 2.99
NM TEE 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN815	\$ 4.13
INTERNAL ELBOW FOR 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN817	\$ 2.77
NM EXTERNAL ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN818	\$ 2.77
PLASTIC BUSHINGS 2" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNBU506	\$ 0.54
PLASTIC BUSHINGS 3" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNBU508	\$ 1.26
PLASTIC BUSHINGS 4" THOMAS BETTS CORP.	Additional Component	Various Manufacturers	63LFNBU510	\$ 1.79
ANGLE HANGER BRACKET	Additional Component	Various Manufacturers	63LFNCATHBA	\$ 1.90
WORK MOUNTING PLATE	Additional Component	Various Manufacturers	63LFNMP1	\$ 1.94
SPIRAL WRAP 1/2 INCH - 100' ROLL BLACK - PANDUIT	Additional Component	Various Manufacturers	63LFNSPIRALWRAP1/2	\$ 272.56
SERVICE WEDGE CLAMPS FOR 25 PR BLACKBURN	Additional Component	Various Manufacturers	63LFNW40-1	\$ 10.29
SERVICE WEDGE CLAMPS	Additional Component	Various Manufacturers	63LFNW62-1	\$ 4.15
10 X 1 ANCHOR KIT	Additional Component	Various Manufacturers	63LFNWAK14	\$ 12.60
HOUSING, EMPTY ONLY LEVITON	Additional Component	Various Manufacturers	63LVN416421	\$ 4.68
3 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416431	\$ 4.68
6 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416461	\$ 4.68
WALLPLATE, 3G IV LEVITON	Additional Component	Various Manufacturers	63LVN804111	\$ 1.45
BRIDLE RING, 2" WOOD SCREW MINERALLAC ELECTRIC	Additional Component	Various Manufacturers	63MEN648RW	\$ 1.56
3/8-16 STL DROP IN ANCHOR	Additional Component	Various Manufacturers	63MENJDIA38	\$ 0.68

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Item Description	Item Type	Manufacturer	Model	Cost
3/8 - 16 HEX NUT	Additional Component	Various Manufacturers	63MENJN165	\$ 0.08
SCREWS, MACHINE 1/4 - 20 X 3/8 METALLICS, INC.	Additional Component	Various Manufacturers	63MENJRM22	\$ 0.09
SCREWS, 1/4 - 20 X 1/2 R H MACH SCREW METALLICS	Additional Component	Various Manufacturers	63MENJRM99	\$ 0.11
WASHER, FLAT 3/8"	Additional Component	Various Manufacturers	63MENJSW75	\$ 0.07
SCREWS, MACHINE SPANNER FLATHEAD 4-40 X 1 1/2 DS4 MUTUA	Additional Component	Various Manufacturers	63MUN0424SMF	\$ 0.48
DRIVER, #4 (FOR USE WITH SPANNER FLAT HEAD MACHINE SCRE	Additional Component	Various Manufacturers	63MUN1D4	\$ 17.00
MINERAL WOOL NELSON	Additional Component	Various Manufacturers	63NENAA0417	\$ 16.83
FIRESTOP PILLOWS, 10 X 4 X3 NELSON	Additional Component	Various Manufacturers	63NENAA0478	\$ 10.54
FIRESTOP PILLOWS, 10 X 8 X 3 NELSON	Additional Component	Various Manufacturers	63NENAA0479	\$ 15.56
MULE TAPE 1800 LB PRE-LUBRICATED IN SEQUENCE NEPTCO	Additional Component	Various Manufacturers	63NPNWP1800P	\$ 491.30
FACEPLATES, W/LABEL CLASSIC /ANGLED 2 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL2E	\$ 3.25
Classic (angled) Faceplate w/Label 2 Port	Additional Component	Various Manufacturers	63PANCFPSL2EIY	\$ 3.25
FACEPLATES, W/ LABEL CLASSIC/ANGLED 6 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL6E	\$ 3.25
Classic (angled) Faceplate w/Label 6 Port	Additional Component	Various Manufacturers	63PANCFPSL6EIY	\$ 3.25
WIREMOLD SW/RECPT BOX	Additional Component	Various Manufacturers	63PDN62048	\$ 9.33
LT. GRAY DUCT COVER 11/2	Additional Component	Various Manufacturers	63PDNC15LG6	\$ 1.50
PANDUIT LIDS FOR 3" E-DUCT	Additional Component	Various Manufacturers	63PDNC3LG6	\$ 3.20
PANDUIT LIDS FOR 4" E-DUCT	Additional Component	Various Manufacturers	63PDNC4LG6	\$ 3.88
DROP CEILING FITTING	Additional Component	Various Manufacturers	63PDNDCF5EIX	\$ 2.38
LT. GRAY DUCT .5 X 1	Additional Component	Various Manufacturers	63PDNE15X1G6	\$ 6.34
PANDUIT 3 X 3 E-DUCT - COMES IN 6' PIECES	Additional Component	Various Manufacturers	63PDNE3X3LG6	\$ 11.00
PANDUIT 4 X 4 E-DUCT	Additional Component	Various Manufacturers	63PDNE4X4LG6	\$ 16.92
TYPE G SLOT DUCT LT GRAY PANDUIT	Additional Component	Various Manufacturers	63PDNG15X15	\$ 6.68
VELCRO WRAP, PANDUIT 75' ROLL	Additional Component	Various Manufacturers	63PDNHLS75RO	\$ 110.08
RACEWAY BOX 1G BASE & COVER	Additional Component	Various Manufacturers	63PDNJB43510E1A	\$ 6.66
6' ADHESIVE BACK FOR 25 PAIR	Additional Component	Various Manufacturers	63PDNLD3EI6-A	\$ 2.52
RACEWAY 6' LATCH DUCT	Additional Component	Various Manufacturers	63PDNLD5E16A	\$ 2.74
DISTRIBUTION RING LARGE 5.12"	Additional Component	Various Manufacturers	63PENGB-13B	\$ 2.50
SPOOLS W/SCREW	Additional Component	Various Manufacturers	63PENGB-20	\$ 0.99
DISTRIBUTION RING 4 " METAL	Additional Component	Various Manufacturers	63PENS14754	\$ 1.75
TY-WRAP BLACK 8 INCHES	Additional Component	Various Manufacturers	63PRN50R-COW	\$ 0.03
1-GANG DRY TITE BOX	Additional Component	Various Manufacturers	63RDNDIH3-1-W	\$ 4.11
SUSPENSION CLAMP 5 5/8" RELIABLE	Additional Component	Various Manufacturers	63REN7903	\$ 6.73
STRAND VISES 1/4" FOR FIBER OPTIC AND COPPER CABLE -POLE	Additional Component	Various Manufacturers	63RPNRVP-5200	\$ 16.88
1/8" STEREO TO MONO ADAPTER	Additional Component	Various Manufacturers	63RSN2740368	\$ 5.08
72 IN MF CABLE	Additional Component	Various Manufacturers	63RSN4202362	\$ 5.08
6 1/8 PHONO PLG	Additional Component	Various Manufacturers	63RSN4202444	\$ 5.59
CONDUIT STEEL 1/2 INCH	Additional Component	Various Manufacturers	63SCN1/2-EMT	\$ 0.29

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Item Description	Item Type	Manufacturer	Model	Cost
BEAM CLAMP 1/4-20TAPD	Additional Component	Various Manufacturers	63SCN500-SC	\$ 0.82
CORNING INNER DOOR LOCK KIT	Additional Component	Various Manufacturers	63SCNHDWRLOCKKIT	\$ 32.59
CONDUIT STRAP 1/2 1H	Additional Component	Various Manufacturers	63SCNHS101	\$ 0.30
EMT STRAP 1 1/4	Additional Component	Various Manufacturers	63SCNTS-104	\$ 0.88
1/2 1-INCH HIGH EMT STRAP	Additional Component	Various Manufacturers	63SCNTS101	\$ 0.27
DRY WALL SCREWS 1 INCH	Additional Component	Various Manufacturers	63SHNDWCBP100	\$ 0.07
1 AND 5/8" DRY WALL SCREWS	Additional Component	Various Manufacturers	63SHNDWCBP163	\$ 0.10
ORANGE LASTING HINGED COVER	Additional Component	Various Manufacturers	63SMNMC4LH-9	\$ 3.93
2X2 SLOTTED DUCT GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGCV	\$ 1.99
2X2 DUCT SLOTTED GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGRY	\$ 6.92
TY-WRAP 12 INCH NATURAL	Additional Component	Various Manufacturers	63SPN401C9-11	\$ 0.05
CABLE TIE MOUNT, BUTTONS	Additional Component	Various Manufacturers	63SPNCTM2CO	\$ 0.58
CABLE TIE MOUNT, BUTTONS #10	Additional Component	Various Manufacturers	63SPNCTM3C0	\$ 0.88
CABLE ANALYZER	Additional Component	Various Manufacturers	63SPNDTX1800120	\$ 10,196.60
IVORY RACEWAY 3/4 W/ADHESIVE	Additional Component	Various Manufacturers	63SPNPSTR116A	\$ 1.53
IVORY RACEWAY 1 1/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR21-6A	\$ 2.19
IVORY RACEWAY 1 3/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR31-8A	\$ 3.15
RACEWAY SPLICE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I14	\$ 1.75
RACEWAY TEE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I211	\$ 1.92
RACEWAY EXT CORNER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I291	\$ 3.43
RACEWAY INT CORNER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I331	\$ 1.92
RACEWAY END CAP 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I36	\$ 1.75
RACEWAY ELBOW 1 3/4	Additional Component	Various Manufacturers	63SPNSR3W251	\$ 1.92
JUNCTION BOX 1 1/4 IVORY	Additional Component	Various Manufacturers	63SPNSRI-JB1	\$ 5.90
RACEWAY JUNCTION BOX 2-INCH D	Additional Component	Various Manufacturers	63SPNSRIJB2	\$ 6.24
2 PORT SURFACE MT UNLOADED M SERIES IVORY SYSTMX	Additional Component	Various Manufacturers	63SYNM102SMBB246	\$ 4.37
FLEX CONN 1/2 INS L/T	Additional Component	Various Manufacturers	63TBN5332	\$ 3.00
SCREW MOUNT FOR CABLE TIES (500/PKG) #8 SCREW	Additional Component	Various Manufacturers	63TBN5332	\$ 0.06
HORSESHOE, PLASTIC FOR FIBER OPTIC CABLE 24/STRAND	Additional Component	Various Manufacturers	63TCNFOS12PT	\$ 55.18
RACK MT 12 OUTLET STRIP TRIPLITE	Additional Component	Various Manufacturers	63TLNRS-1215	\$ 55.25
RACEWAY WHITE 10' SECTION WIREMOLD	Additional Component	Various Manufacturers	63WIN700WH	\$ 25.50
STRAP, MOUNTING WHITE WIREMOLD	Additional Component	Various Manufacturers	63WIN704WH	\$ 0.70
IN-LINE BRACKET WIREMOLD	Additional Component	Various Manufacturers	63WMN5407T-WH	\$ 8.81
BOX SHALLOW METAL SW/RECEPTACLE	Additional Component	Various Manufacturers	63WMN5748S	\$ 6.52
CONNECTOR 1/2 BOX	Additional Component	Various Manufacturers	63WMN5781	\$ 3.05
Power Pole 15' 5"	Additional Component	Various Manufacturers	63WMNAMTC-415	\$ -
GRAY RECT RCPT COVER	Additional Component	Various Manufacturers	63WMNG4048R	\$ 8.77
STRAP IVORY 500 SERIES	Additional Component	Various Manufacturers	63WMNV504	\$ 0.29

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Item Description	Item Type	Manufacturer	Model	Cost
90 DEGREE FLAT ELBOW 500 SER	Additional Component	Various Manufacturers	63WMNV511	\$ 1.51
INTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV517	\$ 2.03
EXTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV518	\$ 1.90
SUPPORTING CLIP IV 500 SERIES	Additional Component	Various Manufacturers	63WMNV5703	\$ 0.58
WIREMOLD 1 3/8" BOX	Additional Component	Various Manufacturers	63WMNV5747	\$ 7.31
9-OUTLET SURGE SUPPRESSOR	Additional Component	Various Manufacturers	64ANNAPCNET9RM	\$ 149.60
A.C.SURGE POWER STRIP (NET 7)	Additional Component	Various Manufacturers	64APN900.0635	\$ 25.50
SURGE STATION 8 A.C. STRIP	Additional Component	Various Manufacturers	64APN900.5769	\$ 34.00
APC RACK MOUNT 9-OUTLET A.C.	Additional Component	Various Manufacturers	64APNNET-9-RM	\$ 132.60
MODEM/POWER PROTECTOR	Additional Component	Various Manufacturers	64APNPTS01	\$ 20.40
POWER STRIP 19" FLUSH 15A 8 OUTLET RACK MT CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816701	\$ 135.46
POWER STRIP, HORIZONTAL 15A 8 OUTLET, SURGE CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816703	\$ 142.80
POWER STRIP 10 OUTLET GEIST	Additional Component	Various Manufacturers	64GENSP10410	\$ 168.30
10 OUTLET POWER STRIP HUBBELL	Additional Component	Various Manufacturers	64HBNHPWPWRTSTLNS	\$ 219.30
POWER STRIP W/ 8 OUTLETS	Additional Component	Various Manufacturers	64MIN9010528	\$ 27.20
SURGE STRIP 1U 20A	Additional Component	Various Manufacturers	64TLN2SOBAR12	\$ 139.40
SURGE STRIP 12 OUTLET	Additional Component	Various Manufacturers	64TLNISOBAR12	\$ 139.40
12 PR PROTECTOR UNIT 66/IN 66/OUT CIRCA TELE	Additional Component	Various Manufacturers	65CIN2612QC	\$ 155.55
MODULES, PROTECTOR FOR PROTECTOR UNIT 5/PIN BLK 350 VOL	Additional Component	Various Manufacturers	65CIN4B1E	\$ 5.02
12 PAIR GAS STATION PROTECTOR OUTDOOR ENCLOSURE CIRC	Additional Component	Various Manufacturers	65CIN51212G	\$ 184.59
LIGHTNING PROTECTION KIT	Additional Component	Various Manufacturers	65EGNSN920LPK	\$ 85.00
RJ45 45 T-1 PROTECTOR IN/OUT	Additional Component	Various Manufacturers	65OCNRJDP48C	\$ 56.10
LINE PROTECTOR, ANALOG 6-AP, BLACK ONEAC	Additional Component	Various Manufacturers	65ONN6AP	\$ 21.86
6-PAIR GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	65REN66C16VS	\$ 108.78
J-HOOK WITH ANGLE BRACKET	Additional Component	Various Manufacturers	66CFNCAT32AB	\$ 3.42
J-HOOKS 4"	Additional Component	Various Manufacturers	66CFNCAT64	\$ 7.29
9 VOLT BATTERY ENERGIZER - 8/PK	Additional Component	Various Manufacturers	66EVN782-035	\$ 2.48
AA BATTERY - 24/PK	Additional Component	Various Manufacturers	66EVN782-049	\$ 0.82
AAA BATTERY ENERGIZER - 18/PK	Additional Component	Various Manufacturers	66EVN782-058	\$ 0.88
BATTERIES 1.5V D SERIES	Additional Component	Various Manufacturers	66EVNPC1300D	\$ 1.21
STN MDF PANEL & CABLE FOR EXECUTONE	Additional Component	Various Manufacturers	66EXNPNL/CBL	\$ 85.00
UNIV CONTNUTY TESTER, SC,ST,FC	Additional Component	Various Manufacturers	66FSNF15000U	\$ 83.79
CONDUIT STEEL 4 INCH EMT	Additional Component	Various Manufacturers	66GBN4-EMT	\$ 8.96
HANDSET Y SPLITTER	Additional Component	Various Manufacturers	66RSN477-153	\$ 16.29
TAIL, MALE TO FEMALE 25 PR 50' GRAY	Additional Component	Various Manufacturers	69ATN253PC50	\$ 69.31
FEMALE TAIL ASSY 25 FOOT	Additional Component	Various Manufacturers	69INN25CX25	\$ 14.88
FEMALE TAIL OPEN END 50 FEET	Additional Component	Various Manufacturers	69KWN25CC50	\$ 30.18
PRE-MADE 15' FEMALE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE15	\$ 26.91

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
25' FEMALE PRE-MADE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE25	\$ 43.25
15' MALE TAIL ONE END	Additional Component	Various Manufacturers	69KWNMALE-15	\$ 21.78
MALE TAIL 25 PAIR 25' SINGLE ENDED	Additional Component	Various Manufacturers	69KWNMALE25	\$ 38.06
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDIED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04

# Small PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
BATTERY BACK UNIT MAIN 1-CAB+	Additional Component	Various Manufacturers	23APNSU750XL	\$ 576.00
RACK MOUNT BATTERY BACK UP UNIT 1000XA	Additional Component	Various Manufacturers	23APNSUA1000RM2U	\$ 899.99
APC SMART UPS 1000 VA XL RUN	Additional Component	Various Manufacturers	23APNSUA1000XL	\$ 763.20
RACK MT A.P.C. BATTERY B/U	Additional Component	Various Manufacturers	23APNSUA1500RM	\$ 1,017.00
APC SMART UPS RK MT 2200VA	Additional Component	Various Manufacturers	23APNSUA2200RM2U	\$ 1,345.41
Smart U.P.S. Rack Mount Battery Back-Up Unit 2200VA, 120V, 3U	Additional Component	Various Manufacturers	23APNSUA2200RMXL3U	\$ 1,608.33
APC SMART UPS BATTERY PAK	Additional Component	Various Manufacturers	23APNSUA24XLBP	\$ 448.50
APC SMART UPS BATTERY PACK RACK MOUNT	Additional Component	Various Manufacturers	23INNSU24R2XLBP	\$ 675.90
Monthly Maintenance per Voice Mail Port	Additional Component	ET&T	ETT-Maintenance-VM	\$ 17.00
Monthly Maintenance per System Port	Additional Component	ET&T	ETT-Maintenance-Port	\$ 4.00
Monthly Maintenance per Phone	Additional Component	ET&T	ETT-Maintenance-Phone	\$ 6.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
ET&T offers two PBX Solutions. Each Solution provides the requirements for Small, Medium and Large configurations and therefore duplicated on each Tab.				
SCM (IPX-S500)S500	Base System	Samsung	IPX-S500/XAR	\$ 10,000.00
Samsung SIP Phone User License# of Users 1 ~ 500	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 140.00
Samsung SIP Phone User License# of Users 501 ~ 1000	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 130.00
Samsung SIP Phone User License# of Users 1001 ~	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 120.00
Samsung Softphone User LicenseSoftphone License	Expansion Configuration	Samsung	IPX-LSWP/STD	\$ 110.00
Samsung Mobile Softphone User LicenseMobile Softphone License	Expansion Configuration	Samsung	IPX-LSMP/STD	\$ 110.00
3rd Party SIP phone User License3rd Party SIP Phone License	Expansion Configuration	Samsung	IPX-L3PP/STD	\$ 110.00
Analog Phone(Gateway) User LicenseAnalog phone License	Expansion Configuration	Samsung	IPX-LAPL/STD	\$ 60.00
High Availability(active-standby)High Availability / Redundancy	Expansion Configuration	Samsung	IPX-LASR/STD	\$ 4,600.00
Meet-me Conference Channel License# of Meet-ME Conf ch (~64)	Expansion Configuration	Samsung	IPX-LCNF/STD	\$ 180.00
UMS Channel License# of UMS ch (~64)	Expansion Configuration	Samsung	IPX-LUMS/STD	\$ 210.00
3rd Party SIP Phone Communicator User LicenseCommunicator (Desktop)	Expansion Configuration	Samsung	IPX-L3CM/STD	\$ 30.00
Other CSTA ApplicationCSTA Link License	Expansion Configuration	Samsung	IPX-LCTL/STD	\$ 20,000.00
SIP Application Server	Additional Component	Samsung	IPX-SIP-ASVR	\$ 2,700.00
SIP Application Channel3rd Party Application License via SIP	Additional Feature	Samsung	IPX-LSIP/STD	\$ 20.00
iBG3026iBG-3026A+Advanced SNOS+PWR code	Expansion Configuration	Samsung	IBG-3026A + IBG-S3A100 +IBG-CA	\$ 8,550.00
iBG2016iBG-2016A+Advanced SNOS+PWR code	Expansion Configuration	Samsung	IBG-2016A + IBG-S2A100 +IBG-CA	\$ 3,690.00
iBG2006iBG-2006A+Advanced SNOS	Expansion Configuration	Samsung	IBG-2006B + IBG-S1A100 +IBG-CA	\$ 2,560.00
iBG1003D41003 w/AC PWR, 2T1/E1PRI+4FXS+DSP64ch	Expansion Configuration	Samsung	IBG-1003D4/XAR	\$ 3,030.00
iBG1003AG1003 w/AC PWR, 16FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003AG/XAR	\$ 2,870.00
iBG1003A81003 w/AC PWR, 8FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003A8	\$ 2,400.00
iBG1003A41003 w/AC PWR, 4FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003A4	\$ 2,250.00
24FXS Extension24 port FXS Extension Box	Expansion Configuration	Samsung	IBG-AFXS24	\$ 930.00
2T1E1PRI 2Port Mini Module	Expansion Configuration	Samsung	IBG-MTE2M	\$ 770.00
24FXS Network cardFXS 24Port Network Card	Expansion Configuration	Samsung	IBG-NFXS24	\$ 1,860.00
FXS-4E4 FXS module for 24 port Network Card	Expansion Configuration	Samsung	IBG-MFXS4E	\$ 620.00
4FXO4Port FXO Mini Module	Expansion Configuration	Samsung	IBG-MFXO4M	\$ 620.00
4FXS4Port FXS Mini Module	Expansion Configuration	Samsung	IBG-MFXS4M	\$ 620.00
VOP128DSP 128Ch	Expansion Configuration	Samsung	IBG-IVP128	\$ 3,680.00
VOP64DSP 64Ch	Expansion Configuration	Samsung	IBG-IVOP64	\$ 1,990.00
Switch w/o PoE24Port PoE 10/100M Ethernet Switch	Additional Component	Samsung	IES-4028F/XAR	\$ 620.00
Switch w PoE24Port PoE 10/100M Ethernet Switch (PoE)	Additional Component	Samsung	IES-4028FP/XAR	\$ 1,240.00
SMT-i3105SIP Phone	Additional Component	Samsung	SMT-i3105D/XAR	\$ 170.00
SMT-i5210SIP Phone	Additional Component	Samsung	SMT-i5210D/XAR	\$ 330.00
SMT-i5230SIP Phone	Additional Component	Samsung	SMT-i5230D/XAR	\$ 460.00
SMT-i5243SIP Phone	Additional Component	Samsung	SMT-i5243D/XAR	\$ 660.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
SMT-i526464 Button AOM	Additional Component	Samsung	SMT-i5264D/XAR	\$ 370.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	E53000237T	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	E53000340T	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	E53000341T	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	E53000345T	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	E51301175T	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003165T	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003170T	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	E53003175T	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	E53003190T	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	E53003308T	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	E53000342T	\$ 1.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00
MITEL COMMUNICATIONS DIRECTOR (MCD)				
3300 ICP CONTROLLERS				
Description			Part Number	
3300 CX II Controller	Base System	Mitel	50006093	\$ 1,500.00
3300 CXi II Controller	Base System	Mitel	50006094	\$ 2,500.00
3300 CX(i) 8G SATA SSD	Base System	Mitel	50006266	\$ 150.00
3300 MXe III Controller 32G SATA SSD	Base System	Mitel	50006268	\$ 440.00
3300 MXe III Controller	Base System	Mitel	50006269	\$ 3,000.00
3300 160G SATA HDD 2 pack(Cntr-Server)	Base System	Mitel	50006489	\$ 200.00
AX Controller	Base System	Mitel	50006507	\$ 3,000.00
3300 AX 2G&4G Flash SSD	Base System	Mitel	50006509	\$ 100.00
3300 MXe III 160G SATA HDD	Base System	Mitel	50006513	\$ 100.00
3300 ICP PACKAGES				
3300 User Controller 1400	Expansion Configuration	Mitel	52002541	\$ 8,000.00
3300 CX Media Gateway	Expansion Configuration	Mitel	52002544	\$ 4,760.00



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Item Description	Item Type	Manufacturer	Model	Cost
3300 MXe Media Gateway	Expansion Configuration	Mitel	52002545	\$ 10,880.00
3300 Analog User Controller	Expansion Configuration	Mitel	52002546	\$ 3,750.00
3300 CX Analog Survivable Branch Office	Expansion Configuration	Mitel	52002547	\$ 2,380.00
3300 CXi Analog Survivable Branch Office	Expansion Configuration	Mitel	52002548	\$ 3,380.00
3300 Gateway s/w pkg (64 Devices)	Expansion Configuration	Mitel	54002536	\$ 3,000.00
3300 CXi Survivable Branch Office - 64 DEV	Expansion Configuration	Mitel	54004610	\$ 2,160.00
MCD SYSTEM SOFTWARE				
Description			Part Number	
MCD SW Pkg for MXe Server and Industry Std Servers - 64 Dev	Additional Component	Mitel	54003611	\$ 1,250.00
MCD Enterprise Software for ISS	Additional Component	Mitel	54004962	\$ 3,000.00
MCD Standalone PBX Software	Additional Component	Mitel	54004971	\$ 1,500.00
MCD Enterprise PBX Software	Additional Component	Mitel	54004973	\$ 3,000.00
3300 Upgrade to ISS	Additional Component	Mitel	54005062	\$ 1,000.00
MCD VMWare VApp Base License Kit	Additional Component	Mitel	54005091	\$ 2,500.00
MCD Standalone Software for ISS	Additional Component	Mitel	54005111	\$ 1,500.00
3300 to Virtual MCD Conversion	Additional Component	Mitel	54005366	\$ 2,500.00
Virtual MCD	Additional Component	Mitel	54005748	\$ 1,495.00
			MCD SYSTEM LICENSES	
Description			Part Number	
MCD Device licence	Additional Component	Mitel	54000294	\$ 20.00
MCD Mailbox licence	Additional Component	Mitel	54000297	\$ 50.00
MCD ACD licence	Additional Component	Mitel	54000300	\$ 120.00
MCD Digital Link Licence	Additional Component	Mitel	54000303	\$ 1,500.00
MCD XNET	Additional Component	Mitel	54000497	\$ 2,000.00
MCD IP Networking	Additional Component	Mitel	54000540	\$ 3,000.00
MCD G729 Licence (8 Channels)	Additional Component	Mitel	54000650	\$ 550.00
3300 - Advanced Voicemail Option	Additional Component	Mitel	54000860	\$ -
MCD Voicemail Hospitality PMS	Additional Component	Mitel	54000861	\$ 1,750.00
MCD Voicemail Networking	Additional Component	Mitel	54001130	\$ 2,000.00
3300 TENANTING OPTION	Additional Component	Mitel	54001490	\$ -
MCD SIP Trunk licence	Additional Component	Mitel	54002390	\$ 125.00
MCD ONS licence	Additional Component	Mitel	54002701	\$ 75.00
MCD SIP User licence	Additional Component	Mitel	54002763	\$ 125.00
MCD Remote Management	Additional Component	Mitel	54002949	\$ 900.00
MCD MLPP	Additional Component	Mitel	54002950	\$ 7,500.00
MCD T38 licence (4 Channels)	Additional Component	Mitel	54003522	\$ 550.00
MCD EXTERNAL HOTDESKING	Additional Component	Mitel	54003691	\$ 45.00
MCD Enterprise License	Additional Component	Mitel	54004975	\$ 180.00

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Item Description	Item Type	Manufacturer	Model	Cost
MCD Standard Active Agent License	Additional Component	Mitel	54005042	\$ 120.00
MCD Enterprise Active Agent License	Additional Component	Mitel	54005043	\$ 150.00
MCD Standard IQ Port License	Additional Component	Mitel	54005044	\$ 30.00
MCD Enterprise IQ Port License	Additional Component	Mitel	54005045	\$ 30.00
MCD IDS Connection License	Additional Component	Mitel	54005064	\$ 1,500.00
MCD Standalone Dynamic Extension	Additional Component	Mitel	54005065	\$ 165.00
MCD Enterprise Dynamic Extension	Additional Component	Mitel	54005066	\$ 205.00
Enterprise License Group	Additional Component	Mitel	54005330	\$ 1,000.00
10 MCD SIP Trunks	Additional Component	Mitel	54005400	\$ 1,125.00
50 MCD SIP Trunks	Additional Component	Mitel	54005401	\$ 5,000.00
			MCD USER LICENSES	
Description			Part Number	
MCD User licence	Additional Component	Mitel	54000291	\$ 180.00
MCD Standard License	Additional Component	Mitel	54004976	\$ 140.00
MCD Enterprise Multi-Device License	Additional Component	Mitel	54005328	\$ 295.00
MCD Standard Multi-Device License	Additional Component	Mitel	54005329	\$ 230.00
MCD Multi-device Suite License	Additional Component	Mitel	54005361	\$ 200.00
			3300 ICP SPARE COMPONENTS	
Description			Part Number	
3300 - 128 Channel Echo Canceller	Additional Component	Mitel	50001247	\$ 1,000.00
ICP Dual Fiber Interface Module	Additional Component	Mitel	50001248	\$ 500.00
3300/SX-200 EL/ML/ICP MX Spare Sys ID Module	Additional Component	Mitel	50002212	\$ 500.00
ICP Quad DSP Card	Additional Component	Mitel	50002979	\$ 1,200.00
Embedded Digital Trunk Module	Additional Component	Mitel	50003560	\$ 1,500.00
3300 Multi-mode Extended Dual FIM	Additional Component	Mitel	50003695	\$ 1,500.00
3300 Single-Mode Extended Dual FIM	Additional Component	Mitel	50003696	\$ 1,800.00
ICP Analogue Option Module	Additional Component	Mitel	50003725	\$ 800.00
3300 Power Dongle Rev 2 (10PK)	Additional Component	Mitel	50003734	\$ 850.00
3300 QUAD BRI MODULE	Additional Component	Mitel	50004070	\$ 750.00
Rack Mount Brackets	Additional Component	Mitel	50004150	\$ 60.00
Quad CIM Module	Additional Component	Mitel	50004451	\$ 750.00
ANALOG OPTION BOARD II	Additional Component	Mitel	50004871	\$ 600.00
3300 CX/CXi/AX/MXe I-BUTTON FRU	Additional Component	Mitel	50004920	\$ 500.00
3300 R2 NSU (110V)	Additional Component	Mitel	50004992	\$ 2,500.00
SYS ID MODULE (3300 MX/LX)	Additional Component	Mitel	50005083	\$ 500.00
MXe AC POWER SUPPLY	Additional Component	Mitel	50005084	\$ 500.00
MXe PROCESSOR	Additional Component	Mitel	50005087	\$ 2,200.00
ASU II AC POWER SUPPLY	Additional Component	Mitel	50005091	\$ 350.00

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Item Description	Item Type	Manufacturer	Model	Cost
4 LS PLUS 12 ONS COMBO CARD	Additional Component	Mitel	50005104	\$ 1,000.00
Analog Services Unit (ASU) II	Additional Component	Mitel	50005105	\$ 700.00
T1/E1 COMBO MMC II	Additional Component	Mitel	50005160	\$ 1,000.00
3300 AX AC POWER SUPPLY 300W	Additional Component	Mitel	50005182	\$ 500.00
Analog Main Board III	Additional Component	Mitel	50005184	\$ 600.00
3300 AX CNTR 4 GIG VM FLASH DRIVE	Additional Component	Mitel	50005441	\$ 200.00
3300 AX CNTL FAN ASSY FRU	Additional Component	Mitel	50005471	\$ 500.00
3300 Mx e FAN ASSEMBLY FRU	Additional Component	Mitel	50005683	\$ 100.00
3300 HDD 2PK Mx e WITH RAID FRU	Additional Component	Mitel	50005686	\$ 200.00
24 PORT ONSP CARD	Additional Component	Mitel	50005731	\$ 860.00
DSP II MMC	Additional Component	Mitel	50005751	\$ 1,200.00
3300 Mx e RACK MOUNT BRACKETS	Additional Component	Mitel	50005761	\$ 100.00
3300 512MB RAM MODULE	Additional Component	Mitel	50005883	\$ 300.00
3300 2G FLASH W 512MB RAM MODULE	Additional Component	Mitel	50005981	\$ 450.00
MUSIC ON HOLD INPUT ADAPTOR	Additional Component	Mitel	50006162	\$ 40.00
PWR CRD C13 10A 250V-AUSTRALIAN	Additional Component	Mitel	50006270	\$ 15.00
PWR CRD C13 10A 125V- NORTH AMERICAN	Additional Component	Mitel	50006271	\$ 15.00
3300 Mx e 32G PATA SSD	Additional Component	Mitel	50006292	\$ 785.00
Mx e III Raid Sub-System	Additional Component	Mitel	50006431	\$ 2,000.00
Mx e III Processor	Additional Component	Mitel	50006432	\$ 1,250.00
3300 160G SATA HDD 2pk INTL(Cntr-Server)	Additional Component	Mitel	50006489XX	\$ 200.00
AX Controller Card FRU	Additional Component	Mitel	50006508	\$ 2,000.00
3300 CX(i) II Fan Kit	Additional Component	Mitel	50006510	\$ 100.00
3300 ICP PATCH PANEL	Additional Component	Mitel	51003344	\$ 200.00
APPLICATION PROCESSOR CARD	Additional Component	Mitel	51010725	\$ 1,295.00
3300 AMB/AOB Connection Unit-America`s	Additional Component	Mitel	51300183	\$ 90.00
3300 Mx e III EXPANSION KIT	Additional Component	Mitel	52002581	\$ 2,250.00
Cable RJ45 to 2 X BNC	Additional Component	Mitel	MW404AA	\$ 250.00
			UPGRADES TO MCD	
Description			Part Number	
SX-200 to MCD Standalone Upgrade Pkg	Additional Feature	Mitel	52002591	\$ 4,500.00
SX-200 to MCD Enterprise Upgrade Pkg	Additional Feature	Mitel	52002592	\$ 6,000.00
SX-2000 to MCD Rls 4.0 Upgrade Pkg.	Additional Feature	Mitel	52002660	\$ 8,000.00
3340 Branch Office Solution Upgrade (40-250 Users)	Additional Feature	Mitel	54000582	\$ 9,647.00
3300 Analog Gateway Upgrade	Additional Feature	Mitel	54001120	\$ 1,500.00
3300 MX Digital Gateway Upgrade	Additional Feature	Mitel	54001170	\$ 3,500.00
3340 GLOBAL TO 3300 ICP S/W UPGRADE	Additional Feature	Mitel	54001380	\$ 5,500.00
3300 R2 GATEWAY UPGRADE	Additional Feature	Mitel	54001381	\$ 2,500.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
3300 CX/CXi GATEWAY UPGRADE	Additional Feature	Mitel	54002207	\$ 1,500.00
3300 LX Digital Gateway Upgrade	Additional Feature	Mitel	54002208	\$ 9,000.00
Upgrade to 200 Device integrated s/w pkg	Additional Feature	Mitel	54002541	\$ 1,785.00
Upgrade to 1400Device integrated s/w pkg	Additional Feature	Mitel	54002542	\$ 3,000.00
Upgrade to 200 device Gateway s/w pkg	Additional Feature	Mitel	54002543	\$ 1,375.00
Upgrade to 1400 device gateway s/w pkg	Additional Feature	Mitel	54002544	\$ 6,930.00
Upgrade to 500 Device Integrated S/W pkg	Additional Feature	Mitel	54002766	\$ 3,000.00
MCD UPGD TO 5000 Device Gateway S/W PKG	Additional Feature	Mitel	54002946	\$ 3,500.00
MCD Upgrd for MxServer and Industry Std Servers - 64 - 200	Additional Feature	Mitel	54003615	\$ 1,375.00
MCD Upgrd for MxServer and Industry Std Servers - 200-500	Additional Feature	Mitel	54003616	\$ 3,150.00
MCD Upgrd for MxServer and Industry Std Servers - 500-5000	Additional Feature	Mitel	54003617	\$ 7,000.00
Mailbox License - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004191	\$ -
Hospitality Option - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004192	\$ -
ONS LINE LIC-SX-200 ML/EL TO 3300	Additional Feature	Mitel	54004193	\$ -
Network Link License - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004195	\$ 500.00
MCD Standalone Sys Upd to Enterprise Sys	Additional Feature	Mitel	54004964	\$ -
Standalone To Enterprise System upgrade	Additional Feature	Mitel	54004974	\$ 1.00
SX-200 IP Phone to MCD Standard User	Additional Feature	Mitel	54005241	\$ 45.00
SX-200 IP Phone to MCD Enterprise User	Additional Feature	Mitel	54005242	\$ 60.00
SX-200 to MCD Standard Active Agent	Additional Feature	Mitel	54005243	\$ 40.00
SX-200 to MCD Enterprise Active Agent	Additional Feature	Mitel	54005244	\$ 50.00
SX-2000 to 3300 ICP Digital Link Upgrade to MCD 4.0 Pkg.	Additional Feature	Mitel	54005348	\$ 500.00
SX-2000 to 3300ICP ACD Upgrade to MCD 4.0 Pkg.	Additional Feature	Mitel	54005349	\$ 40.00
			MITEL MULTI-INSTANCE COMMUNICATIONS DIRE	
			MCD BASE LICENSES AND UPLIFTS	
Description			Part Number	
MCD Enterprise S/W for MiCD	Additional Feature	Mitel	54005293	\$ 3,000.00
MCD Standalone S/W for MiCD Service Provider	Additional Feature	Mitel	54005303	\$ 1,500.00
			MCD SYSTEM SOFTWARE	
Description			Part Number	
Multi-Instance Communications Director Base Software	Additional Feature	Mitel	54004602	\$ 25,000.00
MCD Standalone S/W for MiCD Service Provider	Additional Feature	Mitel	54005303	\$ 1,500.00
			MITEL DESKTOP DEVICES	
			IP PHONES / IP CONSOLES	
Description			Part Number	
5340 IP PHONE	Additional Component	Mitel	50005071	\$ 470.00

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Item Description	Item Type	Manufacturer	Model	Cost
5324 IP Phone	Additional Component	Mitel	50005664	\$ 255.00
5324 IP Phone (Red)	Additional Component	Mitel	50005667	\$ 399.00
5330 IP Phone	Additional Component	Mitel	50005804	\$ 370.00
5540 IP Console	Additional Component	Mitel	50005811	\$ 1,800.00
5312 IP Phone	Additional Component	Mitel	50005847	\$ 210.00
5360 IP Phone	Additional Component	Mitel	50005991	\$ 595.00
5320 IP Phone	Additional Component	Mitel	50006191	\$ 250.00
5320e IP Phone	Additional Component	Mitel	50006474	\$ 315.00
5330e IP Phone	Additional Component	Mitel	50006476	\$ 435.00
5340e IP Phone	Additional Component	Mitel	50006478	\$ 535.00
5550 IP Console (Global)	Additional Component	Mitel	50006490	\$ 2,500.00
5505 Guest IP Phone Cordless NA	Additional Component	Mitel	50006517	\$ 120.00
5505 Guest Cordless Handset w/Cradle NA	Additional Component	Mitel	50006518	\$ 45.00
UC360 Collaboration Point (Audio + In Room Collaboration)	Additional Component	Mitel	50006580	\$ 1,395.00
UC360 Collaboration Point (Remote Collaboration + Video)	Additional Component	Mitel	50006591	\$ 1,995.00
5304 IP Phone	Additional Component	Mitel	51011571	\$ 165.00
5360 Phone + Bluetooth Bundle	Additional Component	Mitel	52002756	\$ 735.00
			IP DESKTOP APPLICATIONS	
Description			Part Number	
Live Content Suite (For 5320/5330/5340/5360 IP Phones)	Additional Component	Mitel	51016170	\$ -
MCD HTML Application Licenses (50 Pack)	Additional Component	Mitel	54004400	\$ 500.00
MCD HTML Application Licenses (5 Pack)	Additional Component	Mitel	54004891	\$ 50.00
			PERIPHERALS	
Description			Part Number	
5485 IP Paging Unit	Additional Component	Mitel	50001754	\$ 650.00
Line Interface Module (NA)	Additional Component	Mitel	50004197	\$ 169.00
Line Interface Module (UK)	Additional Component	Mitel	50004198	\$ 169.00
5310 IP Conference Saucer - Dark Grey	Additional Component	Mitel	50004459	\$ 500.00
5310 IP Conference Module (5300 Series)	Additional Component	Mitel	50005321	\$ 150.00
Cordless (DECT) Accessories Module (Euro)	Additional Component	Mitel	50005402	\$ 220.00
Cordless (DECT) Handset w/Charging Plate (Euro)	Additional Component	Mitel	50005403	\$ 215.00
Cordless (DECT) Headset w/Charging Cradle (Euro)	Additional Component	Mitel	50005404	\$ 360.00
Cordless (DECT) Handset w/Charging Plate (NA)	Additional Component	Mitel	50005405	\$ 215.00
Cordless (DECT) Headset w/ Charging Cradle (NA)	Additional Component	Mitel	50005522	\$ 360.00
Cordless (DECT) Handset & Module Bundle (NA)	Additional Component	Mitel	50005711	\$ 325.00
Cordless (DECT) Headset & Module Bundle (NA)	Additional Component	Mitel	50005712	\$ 470.00
Cordless DECT) Handset and Module Bundle (Euro)	Additional Component	Mitel	50005713	\$ 325.00
Cordless (DECT) Headset & Module Bundle (Euro)	Additional Component	Mitel	50005714	\$ 470.00

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Item Description	Item Type	Manufacturer	Model	Cost
PKM 12-Button Kit (for 5324/5330/5340/8528/8568)	Additional Component	Mitel	50005914	\$ 250.00
PKM 48-Button Kit (for 5324/5330/5340/8528/8568)	Additional Component	Mitel	50005915	\$ 430.00
Gigabit Ethernet Stand (v2)	Additional Component	Mitel	50006371	\$ 180.00
Bluetooth Module (for Bluetooth Handset/Headset)	Additional Component	Mitel	50006402	\$ 185.00
Bluetooth Handset/Module Bundle	Additional Component	Mitel	50006441	\$ 280.00
Bluetooth Handset w/5300 Charging Plate	Additional Component	Mitel	50006442	\$ 195.00
IP DECT Stand + 5610 IP DECT Cordless Handset Bundle NA	Additional Component	Mitel	51015276	\$ 495.00
5610 IP DECT Cordless Handset Euro	Additional Component	Mitel	51015283	\$ 250.00
IP DECT Repeater NA	Additional Component	Mitel	51015284	\$ 325.00
IP DECT Repeater Euro	Additional Component	Mitel	51015285	\$ 325.00
IP DECT Repeater UK	Additional Component	Mitel	51015587	\$ 325.00
IP DECT Stand & 5610 Handset Bundle Euro	Additional Component	Mitel	51301099	\$ 495.00
5610 IP DECT Handset NA	Additional Component	Mitel	51301100	\$ 250.00
			DIGITAL PHONES	
Description			Part Number	
8528 Telephone (NA)	Additional Component	Mitel	50006122	\$ 225.00
8568 Telephone (NA)	Additional Component	Mitel	50006123	\$ 295.00
Superset 4025 Backlit, Dark Grey	Additional Component	Mitel	9132-025-202-NA	\$ 309.00
			POWER ADAPTERS	
Description			Part Number	
24VDC Power Adapter Universal, 100-240V 50-60 Hz	Additional Component	Mitel	50005300	\$ 40.00
5505 Charging Cradle Power Adapter NA	Additional Component	Mitel	50006521	\$ 7.50
Power Cord (C7) w/UK Plug for Universal Power Adapters	Additional Component	Mitel	51000582	\$ 2.55
Power Cord (C7) w/NA Plug for Universal Power Adapters	Additional Component	Mitel	51005172	\$ 5.00
Power Cord (C7) w/Australian Plug Type for Univ. Pwr Adptrs	Additional Component	Mitel	51011501	\$ 5.00
802.3af Power Adapter Universal, 48VDC 100-240VAC 50-60Hz C8	Additional Component	Mitel	51015131	\$ 40.00
5610 IP DECT Repeater Power Adapter NA FRU	Additional Component	Mitel	51015616	\$ 30.00
5610 IP DECT Repeater Power Adapter UK FRU	Additional Component	Mitel	51015617	\$ 30.00
5610 IP DECT Repeater Power Adapter Euro FRU	Additional Component	Mitel	51015619	\$ 30.00
IP DECT Stand Power Supply Universal FRU	Additional Component	Mitel	51300948	\$ 30.00
5610 Handset Charging Cradle Power Adapter Universal FRU	Additional Component	Mitel	51300949	\$ 30.00
Gb 802.3at Power Adapter Universal (90-264 VDC) (50-60 Hz)	Additional Component	Mitel	51301151	\$ 120.00
Multi-Port GigE PoE Switch, Universal (802.3at)	Additional Component	Mitel	51301282	\$ 325.00
			SPARE DESKTOP COMPONENTS	
Description			Part Number	
5310 IP Conference Unit Remote Control Mouse, Dark Grey	Additional Component	Mitel	50001543	\$ 125.00
PKM 12-Button Unit FRU (5200/5300/85x8)	Additional Component	Mitel	50002822	\$ 175.00
PKM 48-Button Unit FRU (5200/5300/85x8)	Additional Component	Mitel	50002824	\$ 390.00

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Item Description	Item Type	Manufacturer	Model	Cost
5550 IP Console Keypad Dark Grey (FRU)	Additional Component	Mitel	50003372	\$ 2,000.00
5200/5300/85x8 Series 35 Degree Angle Stand - FRU	Additional Component	Mitel	50004471	\$ 15.00
5300 Series Wideband (7 kHz) v4 Handset (25 Pack)	Additional Component	Mitel	50005230	\$ 500.00
5300/5200/85x8 Series v4 Handset (25 Pack)	Additional Component	Mitel	50005231	\$ 500.00
Cordless (DECT) Accessories Module (NA) (FRU)	Additional Component	Mitel	50005521	\$ 220.00
PKM Interface Module (v2) (FRU) (5200/5300/85x8)	Additional Component	Mitel	50005662	\$ 110.00
5302/5304 IP Phone Wall Mount Kit (Qty 16)	Additional Component	Mitel	50005663	\$ 100.00
5312 Fixed Mylar DESI Cards (25 Pack)	Additional Component	Mitel	50005852	\$ 25.00
5324 Fixed Mylar DESI Cards (25 Pack)	Additional Component	Mitel	50005853	\$ 25.00
GN Cordless Headset Cable (for 5540 Console)	Additional Component	Mitel	50006212	\$ 20.00
5360 Blank Branding Plate (Qty.100)	Additional Component	Mitel	50006222	\$ 350.00
5300 Charging Plates (DECT/BT) (10 Pack)	Additional Component	Mitel	50006443	\$ 120.00
Line Cord Translation Kit (5000 CP) (5PK)	Additional Component	Mitel	50006503	\$ 40.00
5505 Cordless Guest Handset NA (FRU)	Additional Component	Mitel	50006525	\$ 50.00
5505 Guest IP Phone Base Unit NA (FRU)	Additional Component	Mitel	50006527	\$ 110.00
5505 Handset Charging Cradle w/o Power Adapter (FRU)(2 Pack)	Additional Component	Mitel	50006529	\$ 25.00
5505 Phone Base Lens (50 Pack) (FRU)	Additional Component	Mitel	50006531	\$ 100.00
Cordless (DECT) Headset FRU (NA)	Additional Component	Mitel	50006535	\$ 250.00
Cordless (DECT) Headset FRU (Euro)	Additional Component	Mitel	50006536	\$ 250.00
HDMI Custom Cable (10 Feet) (FRU)	Additional Component	Mitel	50006587	\$ 50.00
IP PKM 12 Desi Cards (25 Pack) - FRU	Additional Component	Mitel	51005211	\$ 25.00
IP PKM 48 Desi Cards (25 Pack) - FRU	Additional Component	Mitel	51005215	\$ 25.00
IP PKM 12 Lens (25 Pack) - FRU	Additional Component	Mitel	51005219	\$ 75.00
IP PKM 48 Lens (25 Pack) - FRU	Additional Component	Mitel	51005223	\$ 75.00
5212/5312 Lens (25 Pack)	Additional Component	Mitel	51009712	\$ 50.00
5224/5324 Lens (25 Pack)	Additional Component	Mitel	51009713	\$ 50.00
5212/5224 Removable DESI Cards (25 Pack)	Additional Component	Mitel	51009714	\$ 20.00
5304 IP Phone Hospitality Kit	Additional Component	Mitel	51011572	\$ 40.00
5212/5224/5312/5324 Removable DESI Card Mitel 5000 (25 Pack)	Additional Component	Mitel	51012281	\$ 12.00
5324 Fixed Mylar DESI Card (Mitel 5000) (25 Pack)	Additional Component	Mitel	51012285	\$ 25.00
5540 Lens & Label Kit Universal (FRU)	Additional Component	Mitel	51012287	\$ 50.00
5302 / 5304 Lenses (25 Pack)	Additional Component	Mitel	51012847	\$ 25.00
5302 / 5304 DESI Cards, Blank (25 Pack)	Additional Component	Mitel	51012848	\$ 25.00
5300 Icon Labels English (MCD/SX-200 ICP) (25 Pack)	Additional Component	Mitel	51013125	\$ 50.00
5300 Icon Labels English (5000 CP) (25 Pack)	Additional Component	Mitel	51013126	\$ 50.00
8528 Lens (25 Pack)	Additional Component	Mitel	51013673	\$ 50.00
8568 Lens (25 Pack)	Additional Component	Mitel	51013674	\$ 50.00
8528 Fixed Mylar Label (25 Pack)	Additional Component	Mitel	51013675	\$ 25.00

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Item Description	Item Type	Manufacturer	Model	Cost
8568 Fixed Mylar Label (25 Pack)	Additional Component	Mitel	51013676	\$ 25.00
8528/8568 Removable DESI Card (Blank) (25Pk)	Additional Component	Mitel	51013677	\$ 15.00
8528/8568 Icon Labels English (5000 CP) (25 Pack)	Additional Component	Mitel	51013678	\$ 50.00
5304 Blank Branding Plate (Qty. 200)	Additional Component	Mitel	51014825	\$ 700.00
5304 DESI Card for 5000 (25 Pack)	Additional Component	Mitel	51015279	\$ 25.00
IP DECT Stand NA, FRU	Additional Component	Mitel	51015389	\$ 350.00
IP DECT Stand Euro, FRU	Additional Component	Mitel	51015390	\$ 350.00
5610 Handset Charging Cradle Universal FRU	Additional Component	Mitel	51015402	\$ 30.00
5610 IP DECT Cordless Handset Battery Pack, FRU	Additional Component	Mitel	51015404	\$ 40.00
5610 Hndst Plastic Belt Clip FRU (25 Pk)	Additional Component	Mitel	51301725	\$ 100.00
Handset Curly Cord Dark Grey 10' (All Phones) (25 Pk) - FRU	Additional Component	Mitel	9132-800-208-NA	\$ 100.00
			MITEL DESKTOP - EXTENDED WARRANTY	
Description			Part Number	
Extended Warranty 5320e IP Phone	Additional Feature	Mitel	50006474EW60	\$ 19.00
Extended Warranty 5330e IP Phone	Additional Feature	Mitel	50006476EW60	\$ 26.00
Extended Warranty 5340e IP Phone	Additional Feature	Mitel	50006478EW60	\$ 32.00
MITEL NUPOINT MESSENGER (NP) - CONFIGURATIONS				
NUPOINT STANDARD EDITION (NP-STD)				
Description			Part Number	
NP-Std. Pers Call Dir, unlimited users	Additional Feature	Mitel	54002376	\$ 7,500.00
NP-Std. Adv UM, unlimited users.	Additional Feature	Mitel	54002984	\$ 30,000.00
NP-Std. Adv UM, sys. enablement	Additional Feature	Mitel	54002985	\$ 2,000.00
NP-Std. Std UM, unlimited users.	Additional Feature	Mitel	54004113	\$ 15,000.00
NP-Std. Base s/w. Current release.	Additional Feature	Mitel	54004114	\$ 4,600.00
NP-Std. Unlimited outbound fax users.	Additional Feature	Mitel	54004115	\$ 5,000.00
NP-Std. Std UM to Adv UM, unlimited users	Additional Feature	Mitel	54004687	\$ 15,000.00
NP-Std. Converts NP-Std to virtual NP	Additional Feature	Mitel	54005499	\$ 2,900.00
			STANDARD EDITION (NP-STD) OR SINGLE SERVER	
Description			Part Number	
NP-Std/SS. 8 port uplift to 9-32 ports	Additional Feature	Mitel	54002986	\$ 3,000.00
NP-Std/SS. 8 port uplift to 33-64 ports	Additional Feature	Mitel	54002987	\$ 4,000.00
NP-Std/SS. 2 port uplift to 9-32 ports	Additional Feature	Mitel	54003191	\$ 750.00
NP-Std/SS. 2 port uplift to 33-64 ports	Additional Feature	Mitel	54003192	\$ 1,000.00
vNP. vNupoint Base s/w license. Current release.	Additional Feature	Mitel	54005498	\$ 7,500.00



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Item Description	Item Type	Manufacturer	Model	Cost
			NUPOINT SINGLE SERVER (NP-SS)	
Description			Part Number	
NP- SS HP DL380G7 Server	Additional Feature	Mitel	51300858	\$ 9,700.00
NP-SS. 8 port uplift to 65-96 ports	Additional Feature	Mitel	54002988	\$ 5,000.00
NP-SS. 8 port uplift to 97-120 ports	Additional Feature	Mitel	54002989	\$ 6,000.00
NP-SS. 2 port uplift to 65-96 ports	Additional Feature	Mitel	54003193	\$ 1,250.00
NP-SS. 2 port uplift to 97-120 ports	Additional Feature	Mitel	54003194	\$ 1,500.00
NP-SS. Base s/w. Current release.	Additional Feature	Mitel	54003571	\$ 7,500.00
Nupoint SS to vNupoint Conversion	Additional Feature	Mitel	54005500	\$ -
			SINGLE SERVER (NP-SS) OR NUPOINT 640 (NP-640)	
Description			Part Number	
NP-SS/640. Personal Call Director unlimited users.	Additional Feature	Mitel	54002377	\$ 15,000.00
NP-SS/640. Adv UM, unlimited users.	Additional Feature	Mitel	54002686	\$ 75,000.00
NP-SS/640. Adv UM system enablement.	Additional Feature	Mitel	54002998	\$ 5,000.00
NP-SS/640. Std UM, unlimited users.	Additional Feature	Mitel	54004117	\$ 35,000.00
NP-SS/640. Outbound fax, unlimited users.	Additional Feature	Mitel	54004119	\$ 15,000.00
NP-SS/640. Upgrade Std UM to Adv UM, unlimited users.	Additional Feature	Mitel	54004688	\$ 30,000.00
			ALL VERSIONS OF NUPOINT (NP)	
Description			Part Number	
NP. Rel 3 base s/w media including documentation.	Additional Feature	Mitel	50006141	\$ 150.00
NP. Cable for Dialogic DMG rack.	Additional Feature	Mitel	51010350	\$ 315.00
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Personal Call Director, 10 users.	Additional Feature	Mitel	54001628	\$ 250.00
NP. Management options.	Additional Feature	Mitel	54001633	\$ 1,000.00
NP. Hospitality IP-PMS integration	Additional Feature	Mitel	54001634	\$ 1,000.00
NP. Hospitality Generic hotel prompts	Additional Feature	Mitel	54001635	\$ 800.00
NP. Misc. applications: NP forms, NP on demand cut thru page	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP. TDD memo	Additional Feature	Mitel	54001640	\$ 2,300.00
NP. Competitive TUI.	Additional Feature	Mitel	54001641	\$ -
NP. Enable 1 additional prompt language.	Additional Feature	Mitel	54001773	\$ 2,500.00
NP. Personal Call Director, 100 users.	Additional Feature	Mitel	54002220	\$ 1,500.00
NP. Enable fax on one voice port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NP. Personal Call Director, 1000 users.	Additional Feature	Mitel	54002434	\$ 5,000.00
NuPoint Advanced UM 50 users	Additional Feature	Mitel	54002684	\$ 1,500.00
NP. Adv UM, 100 users	Additional Feature	Mitel	54002685	\$ 2,500.00
NP. Adv UM, 1000 users	Additional Feature	Mitel	54002691	\$ 20,000.00
NP. Text-to-speech virtual port.	Additional Feature	Mitel	54002692	\$ 1,200.00

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Item Description	Item Type	Manufacturer	Model	Cost
NUPOINT IP & 640 ARABIC LANGUAGE	Additional Feature	Mitel	54003584	\$ -
NP. Adv UM, 1 user	Additional Feature	Mitel	54003672	\$ 35.00
NP. Adv UM, 10 users	Additional Feature	Mitel	54004106	\$ 325.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50
NP. Std UM, 10 users	Additional Feature	Mitel	54004108	\$ 150.00
NP. Std UM, 50 users	Additional Feature	Mitel	54004109	\$ 600.00
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Outbound fax, 10 users.	Additional Feature	Mitel	54004111	\$ 325.00
NP. Outbound fax, 50 users.	Additional Feature	Mitel	54004112	\$ 1,000.00
NP. Hospitality Hyatt custom prompts	Additional Feature	Mitel	54004420	\$ 800.00
NP. Hospitality. Hyatt custom prompts update	Additional Feature	Mitel	54004421	\$ -
NP. Std UM to Adv UM, 1 user	Additional Feature	Mitel	54004683	\$ 20.00
NP. Std UM to Adv UM, 5 users	Additional Feature	Mitel	54004684	\$ 100.00
NP. Std UM to Adv UM, 10 users	Additional Feature	Mitel	54004685	\$ 200.00
NP. Std UM to Adv UM, 50 users	Additional Feature	Mitel	54004686	\$ 1,000.00
NP. Speech to Text Enablement	Additional Feature	Mitel	54005322	\$ -
vNP. vNupoint Base s/w license. Current release.	Additional Feature	Mitel	54005498	\$ 7,500.00
			SPEECH AUTO ATTENDANT	
Description			Part Number	
NP-SAA. Use NP as Speech Auto Attendant ONLY.	Additional Feature	Mitel	54003291	\$ 2,500.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Corporate directory, 50 names.	Additional Feature	Mitel	54003293	\$ 500.00
NP-SAA. Corporate directory, 2000 names.	Additional Feature	Mitel	54003294	\$ 8,000.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NP-SAA. Add NP-Std to SAA.	Additional Feature	Mitel	54003299	\$ 4,600.00
(AMC) NuPoint Base to Speech AA Upgrade	Additional Feature	Mitel	54003300	\$ 2,500.00
NP-SAA. Corporate directory, 1 name.	Additional Feature	Mitel	54004054	\$ 15.00
NP-SAA. Corporate directory, 10 names.	Additional Feature	Mitel	54004055	\$ 125.00
			MITEL NUPOINT - LEGACY COMPONENTS	
Description			Part Number	
Trade-Up Fax upgrade 1 port (max 6)	Additional Feature	Mitel	54002354	\$ 500.00
NP-Std. 8 pt uplift to 65-120 ports	Additional Feature	Mitel	54002367	\$ 4,000.00
NP-640. CSO for 65-120 ports	Additional Feature	Mitel	54002372	\$ 8,000.00
(A-AMC)NPM IP Rel 9 to current upgrade base options	Additional Feature	Mitel	54002419	\$ 1,500.00
NP-640TDM. Rel 6.1B/7. Upgrade to 640IP, incl 8 ports.	Additional Feature	Mitel	54002433	\$ 12,500.00
NuPoint SMART Move Rel 7 upgrade base Stnd Ed	Additional Feature	Mitel	54002530	\$ 4,600.00
AMC NuPoint Messenger Rel 8 to current Upgrade Option	Additional Feature	Mitel	54002531	\$ 2,300.00
NP-640. 8 port uplift to 9-64 ports	Additional Feature	Mitel	54002999	\$ 3,000.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
NP-640. 8 port uplift to 65-120 ports	Additional Feature	Mitel	54003000	\$ 8,000.00
			MITEL NUPOINT MESSENGER (NP) - PBX INTEGRATED	
			PBX INTEGRATIONS	
Description			Part Number	
Intel PIMG - Mitel DNIC 8 port Unit	Additional Feature	Mitel	51006450	\$ 3,500.00
Intel PIMG - PBX / DSE 8 port Unit	Additional Feature	Mitel	51006451	\$ 3,500.00
Intel PIMG - Analog 8 port Unit	Additional Feature	Mitel	51006453	\$ 2,700.00
INTEL TIMG - Dual Span T1/E1 Unit	Additional Feature	Mitel	51009973	\$ 15,000.00
NP. IP integration (max 4 connections)	Additional Feature	Mitel	54001622	\$ 1,800.00
(AMC) NuPoint IP-Enhanced SMDI Int.	Additional Feature	Mitel	54001850	\$ 1,000.00
			MITEL COMMUNICATIONS DIRECTOR (MCD) FEATURES	
Description			Part Number	
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP-Std. Upgrade rel 10 to current rel.	Additional Feature	Mitel	54002983	\$ 750.00
NP-640. Upgrade rel 10 to current rel.	Additional Feature	Mitel	54002997	\$ 6,000.00
NP-640. Upgrade rel 11 to current rel.	Additional Feature	Mitel	54003382	\$ 6,000.00
NP-Std. Upgrade rel 11 to current rel.	Additional Feature	Mitel	54003384	\$ 750.00
			MITEL MANAGED APPLICATION SERVER (MAS)	
			MAS APPLICATIONS: 6042 MANAGED VPN	
Description			Part Number	
6042 Managed VPN - 1 End Node - 1 Year Billed Annually	Additional Feature	Mitel	53001276	\$ 200.00
			MITEL LIVE BUSINESS GATEWAY	
			LIVE BUSINESS GATEWAY RELEASE	
Description			Part Number	
LIVE BUSINESS GATEWAY 10 user licenses	Additional Feature	Mitel	54002210	\$ 300.00
LIVE BUSINESS GATEWAY WINDOWS VERSION inc 40 user licenses	Additional Feature	Mitel	54002580	\$ 2,200.00
			MITEL BORDER GATEWAY	
			TELEWORKER SOLUTION	

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Item Description	Item Type	Manufacturer	Model	Cost
Description			Part Number	
MBG Base Kit & 5 Client Licenses	Additional Feature	Mitel	54003893	\$ 1,000.00
MBG 100 Client Licenses	Additional Feature	Mitel	54003894	\$ 8,500.00
Upgrade TW to MBG	Additional Feature	Mitel	54003905	\$ -
MBG Enterprise SWA 1-year	Additional Feature	Mitel	54004001	\$ 350.00
Sip Trunking Channel Proxy	Additional Feature	Mitel	54004491	\$ 50.00
Mitel Border Gateway Base	Additional Feature	Mitel	54004571	\$ 250.00
MBG TW service 1 User	Additional Feature	Mitel	54004572	\$ 150.00
MBG TW service 10 User	Additional Feature	Mitel	54004573	\$ 1,100.00
MBG TW service 50 User	Additional Feature	Mitel	54004575	\$ 4,750.00
MBG TW service 100 User	Additional Feature	Mitel	54004577	\$ 8,250.00
TW 4.5 to MBG 5.2 Upgrade	Additional Feature	Mitel	54004578	\$ -
MBG 5.0 to MBG 5.2 upgrade	Additional Feature	Mitel	54004581	\$ -
MBG 5 session Compression License	Additional Feature	Mitel	54004582	\$ 340.00
MBG Virtual Appliance	Additional Feature	Mitel	54005339	\$ 250.00
MBG to Virtual MBG Conversion	Additional Feature	Mitel	54005423	\$ -
IPv6 License for MBG	Additional Feature	Mitel	54005472	\$ 250.00
Virtual MBG Srv Expiry 6mos Extension	Additional Feature	Mitel	54005803	\$ 1,500.00
			SIP TRUNK PROXY	
Description			Part Number	
MBG Virtual Appliance	Additional Feature	Mitel	54005339	\$ 250.00
			MITEL CONTACT CENTER BUSINESS EDITION	
			CONTACT CENTER (CC) BUSINESS EDITION	
Description			Part Number	
MCC BE - Start Pack-2 media, 5 Agts	Additional Feature	Mitel	51013320	\$ 9,500.00
MCC BE - 1 Agents Add-On	Additional Feature	Mitel	51013321	\$ 500.00
CC BE to EE Upgrade	Additional Feature	Mitel	51300633	\$ 1.00
CC BE - Integrated Client - 1 Pk	Additional Feature	Mitel	51300636	\$ 170.00
CC BE - Integrated Client - 5 Pk	Additional Feature	Mitel	51300637	\$ 600.00
CC BE - Integrated Client - 10 Pk	Additional Feature	Mitel	51300638	\$ 1,150.00
CC BE - Screen Pop - 1 Pk	Additional Feature	Mitel	51300639	\$ 215.00
CC BE - Screen Pop - 5 Pk	Additional Feature	Mitel	51300640	\$ 1,000.00
CC BE - Screen Pop - 10 Pk	Additional Feature	Mitel	51300641	\$ 1,950.00
BE IVR Base Software	Additional Feature	Mitel	51301173	\$ 3,100.00
BE IVR Routing - 2 Port Pack	Additional Feature	Mitel	51301174	\$ 2,000.00
CC BE - Base 5 Agt Reporting, 5 Agt Desktop & 1 Supervisor	Additional Feature	Mitel	54002590	\$ 2,700.00

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Item Description	Item Type	Manufacturer	Model	Cost
CC BE - 5 Agent Reporting Pk	Additional Feature	Mitel	54002602	\$ 1,600.00
CC BE - 1 Supervisor Desktop	Additional Feature	Mitel	54002603	\$ 150.00
ICC BE	Additional Feature	Mitel	54002608	\$ 1,850.00
IQ BE	Additional Feature	Mitel	54002609	\$ 3,100.00
IQ BE - Additional 2 Ports	Additional Feature	Mitel	54002610	\$ 2,000.00
CC BE - 5 Agent Desktop Pk	Additional Feature	Mitel	54002644	\$ 200.00
			MITEL CONTACT CENTER ENTERPRISE EDITION	
			CONTACT CENTER (CC) ENTERPRISE EDITION	
Description			Part Number	
CC Standard Starter Pk	Additional Feature	Mitel	51300541	\$ 7,995.00
CC Advanced Starter Pk	Additional Feature	Mitel	51300542	\$ 11,950.00
CC Premium Starter Pk	Additional Feature	Mitel	51300543	\$ 15,950.00
CC Standard Agent - 1 Pk	Additional Feature	Mitel	51300551	\$ 600.00
CC Standard Agent - 10 Pk	Additional Feature	Mitel	51300552	\$ 4,000.00
CC Standard Agent - 50 Pk	Additional Feature	Mitel	51300553	\$ 12,500.00
CC Standard Agent - 100 Pk	Additional Feature	Mitel	51300554	\$ 20,000.00
CC Advanced Agent - 1 Pk	Additional Feature	Mitel	51300555	\$ 775.00
CC Advanced Agent - 10 Pk	Additional Feature	Mitel	51300556	\$ 6,000.00
CC Advanced Agent - 50 Pk	Additional Feature	Mitel	51300557	\$ 18,750.00
CC Advanced Agent - 100 Pk	Additional Feature	Mitel	51300558	\$ 29,000.00
CC Premium Agent - 1 Pk	Additional Feature	Mitel	51300559	\$ 1,200.00
CC Premium Agent - 10 Pk	Additional Feature	Mitel	51300560	\$ 10,000.00
CC Premium Agent - 50 Pk	Additional Feature	Mitel	51300562	\$ 40,000.00
CC Premium Agent - 100 Pk	Additional Feature	Mitel	51300563	\$ 60,000.00
CC Network License	Additional Feature	Mitel	51300597	\$ 5,000.00
CC System Administrator - 1 Pk	Additional Feature	Mitel	51300598	\$ 850.00
CC Standard to Advance Starter Pk Upg	Additional Feature	Mitel	51300601	\$ 4,351.00
CC Standard to Premium Starter Pk Upg	Additional Feature	Mitel	51300602	\$ 8,751.00
CC Advance to Premium Starter Pk Upg	Additional Feature	Mitel	51300603	\$ 4,400.00
CC EE Try & Buy, 1-5 Premium CC Agents	Additional Feature	Mitel	51300643	\$ -
Virtual CC	Additional Feature	Mitel	51300670	\$ 4,200.00
Virtual CC Bundle w/CC,IVR&CA	Additional Feature	Mitel	51300673	\$ 4,200.00
CC Basic Starter pack	Additional Feature	Mitel	51300955	\$ 3,200.00
CC Basic Agent # 1 Pk	Additional Feature	Mitel	51300957	\$ 500.00
CC Basic Agent # 10 Pk	Additional Feature	Mitel	51300958	\$ 3,050.00
CC Basic Agent # 50 Pk	Additional Feature	Mitel	51300960	\$ 11,000.00

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Item Description	Item Type	Manufacturer	Model	Cost
CC Basic Agent # 100 Pk	Additional Feature	Mitel	51300961	\$ 14,500.00
CC Basic to Standard Starter Pk Upg	Additional Feature	Mitel	51300962	\$ 5,275.00
CC Basic to Advance Starter Pk Upg	Additional Feature	Mitel	51300963	\$ 9,625.00
CC Basic to Premium Starter Pk Upg	Additional Feature	Mitel	51300964	\$ 14,025.00
CC Basic to Standard Upg # 10 Pk	Additional Feature	Mitel	51300966	\$ 1,045.00
CC Basic to Standard Upg # 50 Pk	Additional Feature	Mitel	51300967	\$ 1,650.00
CC Basic to Advance Upg # 10 Pk	Additional Feature	Mitel	51300970	\$ 3,245.00
CC Basic to Advance Upg # 50 Pk	Additional Feature	Mitel	51300971	\$ 8,525.00
CC Basic to Premium Upg # 10 Pk	Additional Feature	Mitel	51300974	\$ 7,645.00
CC Basic to Premium Upg # 50 Pk	Additional Feature	Mitel	51300975	\$ 31,900.00
CC Standard to Advance Upg # 10 Pk	Additional Feature	Mitel	51300977	\$ 2,200.00
CC Standard to Advance Upg # 50 Pk	Additional Feature	Mitel	51300978	\$ 6,000.00
CC Standard to Premium Upg # 10 Pk	Additional Feature	Mitel	51300980	\$ 6,600.00
CC Standard to Premium Upg # 50 Pk	Additional Feature	Mitel	51300981	\$ 30,250.00
CC Advance to Premium Upg # 10 Pk	Additional Feature	Mitel	51300983	\$ 4,400.00
CC Advance to Premium Upg # 50 Pk	Additional Feature	Mitel	51300984	\$ 21,875.00
			IVR PACKS	
Description			Part Number	
IQ Standard Routing Starter Pk	Additional Feature	Mitel	51300544	\$ 5,950.00
IQ Advanced Routing Starter Pk	Additional Feature	Mitel	51300545	\$ 7,950.00
IQ Premium Routing Starter Pk	Additional Feature	Mitel	51300546	\$ 12,950.00
IVR Standard Routing Starter Pack	Additional Feature	Mitel	51300547	\$ 5,950.00
IVR Advanced Routing Starter Pk	Additional Feature	Mitel	51300548	\$ 7,950.00
IVR Premium Routing Starter Pk	Additional Feature	Mitel	51300549	\$ 12,950.00
IVR Redundant Routing Starter Pk Add-on	Additional Feature	Mitel	51300550	\$ 3,750.00
IQ Standard Routing Port - 5 ports	Additional Feature	Mitel	51300561	\$ 4,500.00
IQ Standard Routing Port - 1 port	Additional Feature	Mitel	51300564	\$ 1,000.00
IQ Standard Routing Port - 10 ports	Additional Feature	Mitel	51300565	\$ 8,000.00
IQ Standard Routing Port - 50 ports	Additional Feature	Mitel	51300566	\$ 35,000.00
IQ Advanced Routing Port - 1 port	Additional Feature	Mitel	51300567	\$ 1,100.00
IQ Advanced Routing Port - 5 ports	Additional Feature	Mitel	51300568	\$ 5,000.00
IQ Advanced Routing Port - 10 ports	Additional Feature	Mitel	51300569	\$ 9,000.00
IQ Advanced Routing Port - 50 ports	Additional Feature	Mitel	51300570	\$ 40,000.00
IQ Premium Routing Port - 1 port	Additional Feature	Mitel	51300571	\$ 1,500.00
IQ Premium Routing Port - 5 ports	Additional Feature	Mitel	51300572	\$ 6,500.00
IQ Premium Routing Port - 10 ports	Additional Feature	Mitel	51300573	\$ 11,000.00
IQ Premium Routing Port - 50 ports	Additional Feature	Mitel	51300574	\$ 50,000.00
IVR Standard Routing Port - 1 port	Additional Feature	Mitel	51300575	\$ 1,000.00







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Item Description	Item Type	Manufacturer	Model	Cost
			UPGRADES FROM eNTERPRISE CONFERENCING TC	
Description			Part Number	
KIT SW UPGD V1.1 TO 2.0 A&W	Additional Feature	Mitel	828.1701	\$ 2,500.00
			UPGRADE TO UNIFIED COMMUNICATOR	
Description			Part Number	
Upgrade Kit: UC v 2.1/SIP Server to UC v4.0/SIP Server	Additional Feature	Mitel	828.1721	\$ 3,131.00
Upgrade Kit: UC v 3.0/SIP Server to UC v4.0/SIP Server	Additional Feature	Mitel	828.1722	\$ 1,878.00
16 Pack SIP Server IP Endpoint License	Additional Feature	Mitel	840.0164	\$ 1,600.00
Single SIP Server IP Endpoint License -Third Party Endpoints	Additional Feature	Mitel	840.0205	\$ 150.00
SIP Server Shared IP License for Hard Endpoints	Additional Feature	Mitel	840.0212	\$ 100.00
SIP Server Single Trunk License	Additional Feature	Mitel	840.0213	\$ 80.00
SIP Server Shared IP License for Soft & Third-Party Endpoint	Additional Feature	Mitel	840.0214	\$ 50.00
Single SIP Server IP Endpoint License	Additional Feature	Mitel	840.0672	\$ 100.00
			APPLICATIONS PLATFORM: PRE-CONFIG RACKMO	
Description			Part Number	
2 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9072	\$ 5,000.00
8 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9074	\$ 7,400.00
12 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9075	\$ 9,400.00
16 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9076	\$ 11,000.00
24 Port T1 Application Platform: IVR Rackmount	Additional Feature	Mitel	780.9077	\$ 15,500.00
			APPLICATIONS PLATFORM: IVR CARDS AND LICEN	
Description			Part Number	
NMS AG2000 - 8 LS Card (8 Port)	Additional Feature	Mitel	780.2003	\$ 5,000.00
Software Developers Kit (SDK) - Branded	Additional Feature	Mitel	780.6105	\$ 10,000.00
Software Developers kit (SDK) - NON-Branded	Additional Feature	Mitel	780.6106	\$ 10,000.00
Annual Incident Based Support (10 Incidents)	Additional Feature	Mitel	780.7005	\$ 2,500.00
Annual Incident Based Support ( 1 Incident)	Additional Feature	Mitel	780.7012	\$ 300.00
Annual Incident Based Support (5 Incidents)	Additional Feature	Mitel	780.7013	\$ 1,250.00
Annual Incident Based Support (20 Incidents)	Additional Feature	Mitel	780.7014	\$ 4,000.00
IVR Runtime License - NON-Branded (Per Port pricing)	Additional Feature	Mitel	840.0301	\$ 800.00
IVR Runtime License - Branded (Per Port pricing)	Additional Feature	Mitel	840.0302	\$ 800.00
Fax License (Per Port)	Additional Feature	Mitel	840.0315	\$ 400.00
Automatic Speech Recognition (ASR) License (Per Port)	Additional Feature	Mitel	840.0316	\$ 1,500.00
Real Speak Text-To-Speech Runtime License (Per Port)	Additional Feature	Mitel	840.0318	\$ 900.00
			UNIFIED COMMUNICATOR USER ADD-ON LICENSE	
Description			Part Number	
Single User UC 5000 license	Additional Feature	Mitel	840.0211	\$ 75.00
UC 5000 10 User License	Additional Feature	Mitel	840.0323	\$ 700.00

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Item Description	Item Type	Manufacturer	Model	Cost
UC 5000 25 User License	Additional Feature	Mitel	840.0324	\$ 1,700.00
			INTER-TEL CONTACT CENTER SUITE	
			UPGRADE FROM v3.3 TO v4.0	
Description			Part Number	
Call Center Suite v3.x Software to v4.0 Software	Additional Feature	Mitel	550.6279	\$ 1.00
			ATTENDANT CONSOLE SOFTWARE	
Description			Part Number	
Attendant Console v3.0 - Multi-Node	Additional Feature	Mitel	550.531	\$ 2,500.00
Attendant Console v3.0 - Single-Node	Additional Feature	Mitel	550.5312	\$ 1,500.00
Attendant Console / CT Gateway CD-ROM	Additional Feature	Mitel	827.9272	\$ 5.00
			MITEL APPLICATIONS SUITE	
			MAS - BASE SOFTWARE	
Description			Part Number	
MAS 1.2 Mobility to MAS 1.2 Base Upgrade	Additional Feature	Mitel	54004777	\$ 750.00
MAS 3.0 Base Software	Additional Feature	Mitel	54005441	\$ 995.00
MAS 3.0 Virtual Appliance	Additional Feature	Mitel	54005442	\$ 995.00
MAS 3.0 Base add-on to UCA	Additional Feature	Mitel	54005444	\$ 995.00
vMAS 3.0 Base add-on to vUCA	Additional Feature	Mitel	54005445	\$ 995.00
Virtual UC Business Bundle	Additional Feature	Mitel	54005759	\$ 2,495.00
MAS Virtual Appliance for 5000 CP	Additional Feature	Mitel	54005799	\$ 495.00
			MAS - MESSAGING SOFTWARE LICENSES	
Description			Part Number	
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP. Misc. applications: NP forms, NP on demand cut thru page	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP. Enable 1 additional prompt language.	Additional Feature	Mitel	54001773	\$ 2,500.00
NP. Enable fax on one voice port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NP. Text-to-speech virtual port.	Additional Feature	Mitel	54002692	\$ 1,200.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Corporate directory, 50 names.	Additional Feature	Mitel	54003293	\$ 500.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NPUM Advanced UM Up(10 Users)	Additional Feature	Mitel	54004052	\$ 550.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50

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Item Description	Item Type	Manufacturer	Model	Cost
NP. Std UM, 10 users	Additional Feature	Mitel	54004108	\$ 150.00
NP. Std UM, 50 users	Additional Feature	Mitel	54004109	\$ 600.00
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Outbound fax, 10 users.	Additional Feature	Mitel	54004111	\$ 325.00
NP. Outbound fax, 50 users.	Additional Feature	Mitel	54004112	\$ 1,000.00
MAS Nupoint Advanced UM 1 User	Additional Feature	Mitel	54004222	\$ 60.00
MAS Nupoint Advanced UM 50 Users	Additional Feature	Mitel	54004223	\$ 2,500.00
MAS NPUM M'Box & Calldir 3300 (1 User)	Additional Feature	Mitel	54004762	\$ 40.00
MAS NPUM M'Box & Calldir 3300 (10 User)	Additional Feature	Mitel	54004763	\$ 350.00
MAS NPUM M'Box & Calldir 3300 (50 User)	Additional Feature	Mitel	54004764	\$ 1,500.00
MAS NPUM M'Box & Calldir 3300 (250 User)	Additional Feature	Mitel	54004766	\$ 5,000.00
MAS NPUM M'Box & Calldir 5K (1 User)	Additional Feature	Mitel	54004767	\$ 40.00
MAS NPUM M'Box & Calldir 5K (10 User)	Additional Feature	Mitel	54004768	\$ 350.00
MAS NPUM M'Box & Calldir 5K (50 User)	Additional Feature	Mitel	54004769	\$ 1,500.00
MAS NPM Misc App Port	Additional Feature	Mitel	54004961	\$ 400.00
Unified Messaging Pack for MAS - Qty 1	Additional Feature	Mitel	54005142	\$ 56.00
Unified Messaging Pack for MAS - Qty 10	Additional Feature	Mitel	54005143	\$ 485.00
Unified Messaging Pack for MAS - Qty 50	Additional Feature	Mitel	54005144	\$ 2,030.00
Unified Messaging Pack - Qty 250	Additional Feature	Mitel	54005145	\$ 9,000.00
MAS NPUM M'BOX&CALLDIR 3300(500 User)	Additional Feature	Mitel	54005347	\$ 7,000.00
MAS NPM for MCD 10 Mailbox Licenses	Additional Feature	Mitel	54005610	\$ 350.00
MAS NPM for MCD 50 Mailbox Licenses	Additional Feature	Mitel	54005611	\$ 1,500.00
MAS NPM for MCD 250 Mailbox Licenses	Additional Feature	Mitel	54005612	\$ 5,000.00
MAS NPM for MCD 500 Mailbox Licenses	Additional Feature	Mitel	54005613	\$ 7,000.00
			MAS - COLLABORATION SOFTWARE LICENSES	
Description			Part Number	
MAS AWC Audio & Web Uplift (10 User)	Additional Feature	Mitel	54003433	\$ 4,319.00
MAS AWC Audio Only Uplift (1 User)	Additional Feature	Mitel	54003434	\$ 400.00
MAS AWC Audio Only Uplift (10 User)	Additional Feature	Mitel	54003435	\$ 3,455.00
MAS AWC Audio & Web Uplift (1 User)	Additional Feature	Mitel	54003580	\$ 500.00
MAS AWC Aud Only Up for 5K Dig (1 User)	Additional Feature	Mitel	54003973	\$ 400.00
MAS AWC Aud Only Up for 5K Dig (10 User)	Additional Feature	Mitel	54003974	\$ 3,455.00
MAS AWC Aud Only Up for 5K Dig (50 User)	Additional Feature	Mitel	54003975	\$ 13,247.00
MAS AWC Aud/Web Up for 5K Dig (1 User)	Additional Feature	Mitel	54003976	\$ 500.00
MAS AWC Aud/Web Up for 5K Dig (10 User)	Additional Feature	Mitel	54003977	\$ 4,319.00
MAS AWC Aud/Web Up for 5K Dig (50 User)	Additional Feature	Mitel	54003978	\$ 16,669.00
MAS AWC Aud Only Up for 5K IP (1 User)	Additional Feature	Mitel	54003981	\$ 400.00
MAS AWC Aud Only Up for 5K IP (10 User)	Additional Feature	Mitel	54003982	\$ 3,455.00

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Item Description	Item Type	Manufacturer	Model	Cost
MAS AWC Aud Only Up for 5K IP (50 User)	Additional Feature	Mitel	54003983	\$ 13,247.00
MAS AWC Aud/Web Up for 5K IP (1 User)	Additional Feature	Mitel	54003984	\$ 500.00
MAS AWC Aud/Web Up for 5K IP (10 User)	Additional Feature	Mitel	54003985	\$ 4,319.00
MAS AWC Aud/Web Up for 5K IP (50 User)	Additional Feature	Mitel	54003986	\$ 16,669.00
MAS AWC Audio Only Uplift (50 User)	Additional Feature	Mitel	54004074	\$ 13,247.00
MAS AWC Audio & Web Uplift (50 User)	Additional Feature	Mitel	54004075	\$ 16,669.00
MAS AWC Web Only Up(1 User)	Additional Feature	Mitel	54004621	\$ 400.00
MAS AWC Web Only Up(10 User)	Additional Feature	Mitel	54004622	\$ 3,455.00
MAS AWC Web Only Up(50 User)	Additional Feature	Mitel	54004623	\$ 13,247.00
MAS AWC Audio Only for Axxess(1 User)	Additional Feature	Mitel	54004770	\$ 400.00
MAS AWC Audio Only for Axxess(10 User)	Additional Feature	Mitel	54004771	\$ 3,455.00
MAS AWC Audio Only for Axxess(50 User)	Additional Feature	Mitel	54004772	\$ 13,247.00
MAS AWC Audio & Web for Axxess(1 User)	Additional Feature	Mitel	54004773	\$ 500.00
MAS AWC Audio & Web for Axxess(10 User)	Additional Feature	Mitel	54004774	\$ 4,319.00
MAS AWC Audio & Web for Axxess(50 User)	Additional Feature	Mitel	54004775	\$ 16,669.00
MAS 2.0 App Add-On to MAS 1.2 SglApp AWC	Additional Feature	Mitel	54004888	\$ 750.00
UCC Entry User Lic for Ent`prise	Additional Feature	Mitel	54005519	\$ 245.00
UCC Std User Lic for Enterprise(50 User)	Additional Feature	Mitel	54005521	\$ 17,000.00
UCC Prem User License for Enterprise	Additional Feature	Mitel	54005522	\$ 480.00
UCC Prem User Lic for Enterprise(50User)	Additional Feature	Mitel	54005523	\$ 22,000.00
UCC Entry User License for Business	Additional Feature	Mitel	54005524	\$ 215.00
UCC Std User Lic for Ent`prise	Additional Feature	Mitel	54005525	\$ 365.00
UCC Std User License for Business	Additional Feature	Mitel	54005526	\$ 325.00
UCC Std User License for Bus(50 User)	Additional Feature	Mitel	54005527	\$ 15,000.00
UCC Prem User License for Business	Additional Feature	Mitel	54005528	\$ 440.00
UCC Prem User License for Bus(50 User)	Additional Feature	Mitel	54005529	\$ 20,000.00
MITEL COLLAB ADV for MCD AUD UP 1 User	Additional Feature	Mitel	54005614	\$ 400.00
MITEL COLLAB ADV for MCD AUD UP 10 User	Additional Feature	Mitel	54005615	\$ 3,455.00
MITEL COLLAB ADV for MCD AUD UP 50 User	Additional Feature	Mitel	54005616	\$ 13,247.00
MITEL COLLAB ADV MCD AUD&WEB UP 1 User	Additional Feature	Mitel	54005617	\$ 500.00
MITEL COLLAB ADV MCD AUD&WEB UP 10 User	Additional Feature	Mitel	54005618	\$ 4,319.00
MITEL COLLAB ADV MCD AUD&WEB UP 50 User	Additional Feature	Mitel	54005619	\$ 16,669.00
Free AWC H.264 UPG for Active 3.9 Video	Additional Feature	Mitel	54005622	\$ -
AMC UCC License MGR	Additional Feature	Mitel	54005769	\$ -
AMC UCC License MGR for Enterprise	Additional Feature	Mitel	54005813	\$ -
			MAS - SOFTWARE UPGRADES	
Description			Part Number	
CSM Starter kit Migration to vCSM	Additional Feature	Mitel	52002751	\$ 595.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
MBD Starter kit Migration to vMBD	Additional Feature	Mitel	52002752	\$ 595.00
CSM on MAS Migration to vCSM	Additional Feature	Mitel	52002753	\$ 595.00
MBD on MAS Migration to vMBD	Additional Feature	Mitel	52002755	\$ 595.00
Teleworker Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004141	\$ -
Mobile Extension Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004142	\$ -
MAS TW 1.1 + ME Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004143	\$ -
TW + Mobile Ext Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004145	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Base 3300	Additional Feature	Mitel	54004884	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Base 5000	Additional Feature	Mitel	54004885	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Msg & Conf	Additional Feature	Mitel	54004886	\$ -
MAS 2.0 App Add-On to MAS Mobility	Additional Feature	Mitel	54004887	\$ 750.00
MAS 1.2 SglApp AWC to MAS 2.0 Upgrade	Additional Feature	Mitel	54005309	\$ -
MAS 1.2 to MAS 2.0 Mobility Upgrade	Additional Feature	Mitel	54005310	\$ -
MAS 2.X to MAS 3.0 Base Upgrade	Additional Feature	Mitel	54005447	\$ -
Virtual MAS to Virtual MAS 3.0 Upgrade	Additional Feature	Mitel	54005449	\$ -
CSM/MBD starter kit upgrade MAS2.x to3.0	Additional Feature	Mitel	54005715	\$ -
CSM Starter Kit Migration to S/W CSM	Additional Feature	Mitel	54005730	\$ -
MBD Starter Kit Migration to S/W MBD	Additional Feature	Mitel	54005732	\$ -
CSM on MAS Migration to S/W CSM	Additional Feature	Mitel	54005734	\$ -
MBD on MAS Migration to S/W MBD	Additional Feature	Mitel	54005736	\$ -
			MAS RELEASE 1.1 - SOFTWARE	
Description			Part Number	
MAS AWC Audio Only Uplift (10 User)	Additional Feature	Mitel	54003435	\$ 3,455.00
			MAS - OTHER	
Description			Part Number	
MAS Server App for 3300 ICP/MCD Recovery DVD	Additional Feature	Mitel	50006381	\$ 150.00
MAS Server App for 5000 CP Recovery DVD	Additional Feature	Mitel	50006401	\$ 150.00
MAS to Virtual MAS Conversion	Additional Feature	Mitel	54005389	\$ -
Virtual MAS Srv Expiry 6mos Extension	Additional Feature	Mitel	54005801	\$ 3,000.00
			NP COMMON PRODUCT - HARDWARE	
Description			Part Number	
MAS 3.0 Server Appliance MCD NA	Additional Feature	Mitel	52002722	\$ 3,495.00
			MAS - SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS, UCC Entry User	Additional Feature	Mitel	54005530	\$ 11.00
STD SWAS, UCC Standard User	Additional Feature	Mitel	54005531	\$ 20.00
STD SWAS, UCC Premium User	Additional Feature	Mitel	54005532	\$ 30.00
PREM SWAS, UCC Entry User	Additional Feature	Mitel	54005533	\$ 3.00

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Item Description	Item Type	Manufacturer	Model	Cost
PREM SWAS, UCC Standard User	Additional Feature	Mitel	54005534	\$ 6.00
PREM SWAS, UCC Premium User	Additional Feature	Mitel	54005535	\$ 9.00
STD SWAS ULM Business	Additional Feature	Mitel	54005821	\$ -
STD SWAS ULM Enterprise	Additional Feature	Mitel	54005822	\$ -
PREM SWAS ULM Business	Additional Feature	Mitel	54005823	\$ -
PREM SWAS ULM Enterprise	Additional Feature	Mitel	54005824	\$ -
STD SWAS ULM Aggregate Business	Additional Feature	Mitel	54005825	\$ -
PREM SWAS ULM Aggregate Enterprise	Additional Feature	Mitel	54005826	\$ -
			MITEL COMMUNICATIONS SUITE	
			MCS BASE PACKAGES	
Description			Part Number	
MCS Upgrade 300 - 1000 Device	Additional Feature	Mitel	54003684	\$ 5,000.00
			MCS END USER LICENSES	
Description			Part Number	
MCS 100 User Uplift - User/ HD Devices and NPM Ports	Additional Feature	Mitel	54003554	\$ 15,500.00
UNIFIED IP CLIENT USER LICENSE	Additional Feature	Mitel	54003723	\$ 50.00
MCS 5 User Uplift - Users/HD Devices No VM port	Additional Feature	Mitel	54003739	\$ 625.00
MCS 25 User Uplift - User/ HD Devices and NPM Ports	Additional Feature	Mitel	54003740	\$ 4,125.00
			MITEL UNIFIED IP CLIENT FOR SUN RAY	
			SOFTWARE AND LICENSES	
Description			Part Number	
UNIFIED IP CLIENT CONNECTOR LIC	Additional Feature	Mitel	54003721	\$ -
UNIFIED IP CLIENT USER LICENSE	Additional Feature	Mitel	54003723	\$ 50.00
SUN RAY UNIFIED IP CLIENT DEVICE LICENSE	Additional Feature	Mitel	54003724	\$ 85.00
UNIFIED IP CLIENT SERVER BASE	Additional Feature	Mitel	54003741	\$ -
UIC S/W PKG w UIC BLADE 1.0 , MSL 8.3	Additional Feature	Mitel	54003742	\$ -
UNIFIED IP CLIENT BLADE BASE	Additional Feature	Mitel	54003743	\$ -
UNIFIED IP CLIENT CONNECTOR S/W PKG - MoL Download	Additional Feature	Mitel	54004443	\$ -
UIC S/W PKG W UIC BLADE,MSL - MoL Download	Additional Feature	Mitel	54004444	\$ -
UNIFIED IP CLIENT SERVER S/W PKG - MoL Download	Additional Feature	Mitel	54004445	\$ -
			SERVER AND THIN CLIENTS	
Description			Part Number	
UNIFIED IP CLIENT SMART CARD-BLANK(25PK)	Additional Feature	Mitel	51012594	\$ 105.00
Unified IP Client Bundle	Additional Feature	Mitel	52002746	\$ 350.00

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Item Description	Item Type	Manufacturer	Model	Cost
			MITEL UNIFIED COMMUNICATOR (UC)	
			UNIFIED COMMUNICATOR EXPRESS	
Description			Part Number	
IOC Enhanced to UC Express Migration 1 user license	Additional Feature	Mitel	51014559	\$ -
UC Express 50 deskphone licenses for 5000	Additional Feature	Mitel	51015443	\$ -
UC Express 1 deskphone and 1 softphone license for MCD	Additional Feature	Mitel	54004270	\$ 60.00
			UNIFIED COMMUNICATOR ADVANCED	
Description			Part Number	
UC Advanced 1 Deskphone License	Additional Feature	Mitel	54004266	\$ 99.00
UC Advanced 50 Deskphone License	Additional Feature	Mitel	54004267	\$ 4,455.00
UC Advance Deskphone & Softphone License	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced 45 Day Trial	Additional Feature	Mitel	54004288	\$ -
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
Collaboration Pack - 1 User	Additional Feature	Mitel	54005146	\$ 180.00
Collaboration Pack - 10 Users	Additional Feature	Mitel	54005147	\$ 2,130.00
Collaboration Pack - 50 Users	Additional Feature	Mitel	54005148	\$ 8,360.00
Mobility Standalone Pack - 1 user	Additional Feature	Mitel	54005151	\$ 248.00
Mobility Standalone pack - 10 users	Additional Feature	Mitel	54005152	\$ 2,430.00
Mobility Standalone Pack - 50 users	Additional Feature	Mitel	54005153	\$ 10,400.00
Mobility Enterprise Pack - 1 user	Additional Feature	Mitel	54005154	\$ 285.00
Mobility Enterprise Pack - 10 users	Additional Feature	Mitel	54005155	\$ 2,790.00
Mobility Enterprise Pack - 50 users	Additional Feature	Mitel	54005156	\$ 12,000.00
UCA Web/Mobile Portal-1 User	Additional Feature	Mitel	54005163	\$ 50.00
UCA Web/Mobile Portal-50 User	Additional Feature	Mitel	54005164	\$ 2,250.00
UC Advanced Dynamic Location 1 License	Additional Feature	Mitel	54005245	\$ 59.00
UC Advanced Dynamic Location 50 Licenses	Additional Feature	Mitel	54005246	\$ 2,655.00
UC Advanced Virtual Appliance	Additional Feature	Mitel	54005344	\$ 1,500.00
UC Advanced virtual appliance 45 d-Trial	Additional Feature	Mitel	54005345	\$ -
UC Advanced Virtual Appliance Dealer Dem	Additional Feature	Mitel	54005350	\$ 600.00
Virtual UC Advanced Server Conversion	Additional Feature	Mitel	54005362	\$ -
UCA Advanced Server Peering License	Additional Feature	Mitel	54005380	\$ 2,000.00
UCA Advanced Server Federation License	Additional Feature	Mitel	54005381	\$ 2,500.00
UCA Blackberry Standalone client	Additional Feature	Mitel	54005397	\$ 59.00
UC Advanced Mobile for Android	Additional Feature	Mitel	54005402	\$ 59.00
Mitel Unified Communicator Software	Additional Feature	Mitel	54005404	\$ 1,500.00
UC Adv Mobile for Smart Devices 1 Lic	Additional Feature	Mitel	54005598	\$ 59.00

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Item Description	Item Type	Manufacturer	Model	Cost
UC Adv Mobile for Smart Devices 50 Lic	Additional Feature	Mitel	54005599	\$ 2,655.00
UC Adv Std-alone client Smart Device 1 L	Additional Feature	Mitel	54005601	\$ 59.00
Virtual UCA Srv Expiry 6mos Extension	Additional Feature	Mitel	54005802	\$ 1,500.00
			UNIFIED COMMUNICATOR ADVANCED SOFTPHON	
Description			Part Number	
UC Advanced 1 Softphone License	Additional Feature	Mitel	54004268	\$ 75.00
UC Advanced 50 Softphone License	Additional Feature	Mitel	54004269	\$ 3,375.00
UC Advance Deskphone & Softphone License	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced ACD Option 5 user Licenses	Additional Feature	Mitel	54004282	\$ -
UC Advanced 45 Day Trial	Additional Feature	Mitel	54004288	\$ -
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
UC Advanced Dynamic Location 1 License	Additional Feature	Mitel	54005245	\$ 59.00
UC Advanced Dynamic Location 50 Licenses	Additional Feature	Mitel	54005246	\$ 2,655.00
			UNIFIED COMMUNICATOR EXPRESS SOFTPHONE	
Description			Part Number	
UC Express 1 Softphone License for MCD	Additional Feature	Mitel	54004264	\$ 60.00
UC Express 50 Softphone Licenses for MCD	Additional Feature	Mitel	54004265	\$ 2,700.00
UC Express 1 deskphone and 1 softphone license for MCD	Additional Feature	Mitel	54004270	\$ 60.00
			MITEL CUSTOMER SERVICE MANAGER	
			STARTER & UPLIFT PACKAGES	
Description			Part Number	
Virtual CSM Contact Center Starter Pk	Additional Feature	Mitel	52002672	\$ 4,750.00
Virtual MBD Historical Report Starter Pk	Additional Feature	Mitel	52002674	\$ 2,100.00
MAS CSM Advanced Routing Uplift	Additional Feature	Mitel	54004317	\$ 4,000.00
MAS CSM Media Blending Uplift	Additional Feature	Mitel	54004318	\$ 3,000.00
CSM Intelligent Router License	Additional Feature	Mitel	54004319	\$ 4,500.00
CSM Contact Ctr Starter Pk 6.0 SW Only	Additional Feature	Mitel	54005503	\$ 4,550.00
MBD Historical Starter Pk 6.0(SW Only)	Additional Feature	Mitel	54005516	\$ 1,900.00
			MEDIA BLENDING LICENSING	
Description			Part Number	
CSM Media Blending Agent License	Additional Feature	Mitel	54004320	\$ 300.00
CSM Media Blending Queue License	Additional Feature	Mitel	54004321	\$ 400.00
			CLIENT LICENSING	
Description			Part Number	
CSM Single Client Go License	Additional Feature	Mitel	54004326	\$ 100.00
CSM Conn Assistant Single License	Additional Feature	Mitel	54004330	\$ 165.00



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Item Description	Item Type	Manufacturer	Model	Cost
CSM Conn Assistant License 10 Pack	Additional Feature	Mitel	54004331	\$ 1,450.00
CSM Conn Assistant License 50 Pack	Additional Feature	Mitel	54004332	\$ 6,270.00
CSM Conn Assistant License 100 Pack	Additional Feature	Mitel	54004333	\$ 9,900.00
CSM CallViewer Single License	Additional Feature	Mitel	54004334	\$ 300.00
CSM CallViewer License 10 Pack	Additional Feature	Mitel	54004335	\$ 2,790.00
CSM CallViewer License 50 Pack	Additional Feature	Mitel	54004336	\$ 11,850.00
CSM CallViewer License 100 Pack	Additional Feature	Mitel	54004337	\$ 18,000.00
CSM Client Go To Conn Assistant Uplift	Additional Feature	Mitel	54004338	\$ 65.00
CSM Conn Assistant to CallViewer Uplift	Additional Feature	Mitel	54004339	\$ 135.00
			REPORTER & REALVIEWER LICENSING	
Description			Part Number	
CSM Single Agent Reporting License	Additional Feature	Mitel	54004322	\$ 100.00
CSM Agent Reporting License 10 Pack	Additional Feature	Mitel	54004323	\$ 880.00
CSM Agent Reporting License 50 Pack	Additional Feature	Mitel	54004324	\$ 3,800.00
CSM Agent Reporting License 100 Pack	Additional Feature	Mitel	54004325	\$ 6,000.00
CSM Reporter Basic Initial License	Additional Feature	Mitel	54004340	\$ 1,250.00
CSM Reporter Basic Additional License	Additional Feature	Mitel	54004341	\$ 750.00
CSM Reporter Initial License	Additional Feature	Mitel	54004342	\$ 2,500.00
CSM Reporter Additional License	Additional Feature	Mitel	54004343	\$ 1,500.00
CSM Reporter Pro Initial License	Additional Feature	Mitel	54004344	\$ 5,500.00
CSM Reporter Pro Additional License	Additional Feature	Mitel	54004345	\$ 3,300.00
CSM Auto Reporter License	Additional Feature	Mitel	54004346	\$ 780.00
CSM RealViewer License	Additional Feature	Mitel	54004347	\$ 250.00
CSM Reporter Basic to Reporter Uplift	Additional Feature	Mitel	54004348	\$ 1,250.00
CSM Reporter to Reporter Pro Uplift	Additional Feature	Mitel	54004349	\$ 3,000.00
MAS MBD Real Time Reporting Uplift(6.0)	Additional Feature	Mitel	54005405	\$ 1,650.00
			MULTI NODE LICENSING	
Description			Part Number	
CSM 5000 Multi Node Awareness (5 Nodes)	Additional Feature	Mitel	54004350	\$ 1,750.00
CSM 5000 Multi Node Additional 1 Node	Additional Feature	Mitel	54004351	\$ 250.00
CSM MCD Multi Node Awareness(5 nodes)	Additional Feature	Mitel	54005406	\$ 1,750.00
CSM MCD Multi Node Additional 1 Node	Additional Feature	Mitel	54005407	\$ 250.00
			CALL RECORDING INTEGRATION LICENSING	
Description			Part Number	
CSM Verint Intergration for 5000/3300	Additional Feature	Mitel	54004991	\$ 750.00
			CUSTOMER SERVICE MANAGER UPGRADES	
Description			Part Number	
Virtual CSM DVD	Additional Feature	Mitel	50006539	\$ 30.00

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Item Description	Item Type	Manufacturer	Model	Cost
MBD SW Only Upg CCS/Callview 4.x	Additional Feature	Mitel	54005408	\$ 3,150.00
CSM SW Only Upg CCS/Callview 4.x	Additional Feature	Mitel	54005409	\$ 7,300.00
MBD vApp 6.0 Upg for CCS/Callview 4.x	Additional Feature	Mitel	54005412	\$ 3,150.00
CSM vApp 6.0 Upg for CCS/Callview 4.x	Additional Feature	Mitel	54005413	\$ 7,300.00
			WIRELESS SOLUTIONS - MITEL IP DECT GLOBAL (A	
			WIRELESS HANDSETS AND ACCESSORIES	
Description			Part Number	
Mitel 5606 Desktop Charger - Global P/S	Additional Feature	Mitel	51012483	\$ 75.00
Mitel 5606 Programmer	Additional Feature	Mitel	51012484	\$ 390.00
Mitel 5606 Rack Charger No Pwr Sup	Additional Feature	Mitel	51012485	\$ 400.00
Mitel 5602 Handset-NA	Additional Feature	Mitel	51012487	\$ 165.00
Mitel 5602 Interface Cable	Additional Feature	Mitel	51012488	\$ 101.00
Mitel 5606 Headset (Boom Type)	Additional Feature	Mitel	51012500	\$ 325.00
Mitel 5606 Battery Pack	Additional Feature	Mitel	51012502	\$ 95.00
Mitel 5606 SIM Card (programmed)	Additional Feature	Mitel	51012505	\$ 43.00
Mitel 5606 SIM Card (programmed) incl SW	Additional Feature	Mitel	51012506	\$ 390.00
Mitel 5602 Battery Pack	Additional Feature	Mitel	51012511	\$ 39.00
Mitel 5602 Rack Charger Global	Additional Feature	Mitel	51012525	\$ 230.00
Mitel 5606 Rack Charger P/S-Global	Additional Feature	Mitel	51012633	\$ 250.00
5602 Desktop Charger-NA P/S (V2)	Additional Feature	Mitel	51013527	\$ 42.00
Mitel 5603	Additional Feature	Mitel	51015420	\$ 195.00
Mitel 5604	Additional Feature	Mitel	51015421	\$ 295.00
Mitel 5603/04 Charger Global(exclude EU)	Additional Feature	Mitel	51015423	\$ 46.00
Mitel 5604 Battery Pack Charger Global	Additional Feature	Mitel	51015430	\$ 675.00
Mitel 5603 Spare Battery Pack	Additional Feature	Mitel	51015431	\$ 31.00
Mitel 5604 Spare Battery Pack	Additional Feature	Mitel	51015432	\$ 45.00
Mitel 5603 Spare Belt Clip	Additional Feature	Mitel	51015433	\$ 75.00
Mitel 5604 Security Swivel Clip	Additional Feature	Mitel	51015434	\$ 23.00
Mitel 5603/04 Security Chain	Additional Feature	Mitel	51015435	\$ 21.00
Mitel 5603 Leather Case	Additional Feature	Mitel	51015437	\$ 54.00
Mitel 5604 Leather Case	Additional Feature	Mitel	51015440	\$ 54.00
Mitel 5604 Spare Belt Clip	Additional Feature	Mitel	51015955	\$ 107.00
Mitel 5603 Security Swivel Clip	Additional Feature	Mitel	51015956	\$ 21.00
Mitel 5604 License Service	Additional Feature	Mitel	51015972	\$ 325.00
Mitel 5604 License Personal Alarm	Additional Feature	Mitel	51015973	\$ 250.00
Mitel 5604 License DECT Location	Additional Feature	Mitel	51015974	\$ 150.00

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Item Description	Item Type	Manufacturer	Model	Cost
Mitel 5607 Services License	Additional Feature	Mitel	51301120	\$ 260.00
Mitel 5607 Alarm License	Additional Feature	Mitel	51301121	\$ 290.00
Mitel 5607 DECT Location License	Additional Feature	Mitel	51301122	\$ 155.00
Mitel 5607 Charger Global(excl EU)	Additional Feature	Mitel	51301124	\$ 88.00
Mitel 5603/04/07 Programmer NA	Additional Feature	Mitel	51301127	\$ 265.00
Mitel 5603/04/07/24 Rack Charger Global	Additional Feature	Mitel	51301129	\$ 675.00
Mitel 5607 Battery Pack Charger Global	Additional Feature	Mitel	51301130	\$ 675.00
Mitel 5607 Headset Adapter	Additional Feature	Mitel	51301133	\$ 83.00
Mitel 5607 Leather Case	Additional Feature	Mitel	51301134	\$ 85.00
Mitel 5607 Spare Belt Clip	Additional Feature	Mitel	51301135	\$ 19.50
Mitel 5607 Security Swivel Clip	Additional Feature	Mitel	51301136	\$ 21.50
Mitel 5607 Global	Additional Feature	Mitel	51301142	\$ 750.00
Mitel 5607 Spare Battery Pack	Additional Feature	Mitel	51301143	\$ 94.00
Mitel 5607 Alarm Pull Cord	Additional Feature	Mitel	51301480	\$ 26.00
			<b>BASESTATIONS &amp; ACCESSORIES</b>	
Description			Part Number	
Mitel 5606 Handset Belt Clip	Additional Feature	Mitel	51012499	\$ 18.00
Mitel 5606 Safety Lanier	Additional Feature	Mitel	51012501	\$ 18.00
Mitel 5606 Leather Case	Additional Feature	Mitel	51012503	\$ 68.00
Mitel 5606 Battery Pk Adpt Rack Charger	Additional Feature	Mitel	51012504	\$ 60.00
Mitel 5602 Leather Case	Additional Feature	Mitel	51012509	\$ 60.00
Mitel 5602 Handset Belt Clip	Additional Feature	Mitel	51012521	\$ 83.00
Mitel 5602 Rack Charger No Pwr Sup	Additional Feature	Mitel	51012524	\$ 400.00
IP DECT SARI Certificate (Global)	Additional Feature	Mitel	51012533	\$ 56.00
IP DECT Basestation Mount Brkt (Glob)	Additional Feature	Mitel	51012538	\$ 41.00
IP DECT Basestation Power Supply-AU	Additional Feature	Mitel	51012689	\$ 75.00
IP DECT Spare Batt Pk Site Survey Kit	Additional Feature	Mitel	51012692	\$ 950.00
IP DECT Spare Charger Site Survey Kit	Additional Feature	Mitel	51012693	\$ 485.00
Site Survey Kit v2 - EU/NA/UK P/S	Additional Feature	Mitel	51300484	\$ 3,995.00
Pole Mounting Kit for Outdoor Housing v2	Additional Feature	Mitel	51300485	\$ 95.00
Basestation Outdoor Housing v2	Additional Feature	Mitel	51300486	\$ 650.00
IP-DECT Site Survey Kit v2 No Pwr Sup	Additional Feature	Mitel	51300851	\$ 3,250.00
Spare Batt Chger for Site Survey Kit v2	Additional Feature	Mitel	51300852	\$ 375.00
Spare Batt Pack for Site Survey Kit v2	Additional Feature	Mitel	51300853	\$ 745.00
Basestation v2(Global)	Additional Feature	Mitel	51301118	\$ 1,195.00
			<b>MESSAGING COMPONENTS</b>	
Description			Part Number	
Wireless Messaging Gateway v3(incl P/S)	Additional Feature	Mitel	51301137	\$ 1,340.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Wireless Messaging Gateway v3 Std Lic	Additional Feature	Mitel	51301138	\$ 3,320.00
Wireless Messaging Gateway v3 OAP Lic	Additional Feature	Mitel	51301139	\$ 3,810.00
Mitel Msg`ing G`way v3 19 Front Rack Mt"	Additional Feature	Mitel	51301140	\$ 72.00
Mitel Msg`ing G`way v3 19 Back Rack Mt"	Additional Feature	Mitel	51301141	\$ 72.00
MITEL SOFTWARE ASSURANCE PROGRAM				
MITEL COMMUNICATIONS DIRECTOR SOFTWARE ASSURANCE				
Description			Part Number	
STD SWAS MCD ONS (Analog)	Additional Feature	Mitel	54005196	\$ 4.00
STD SWAS MCD User	Additional Feature	Mitel	54005197	\$ 10.00
STD SWAS MCD for MiCD Base	Additional Feature	Mitel	54005333	\$ 125.00
STD SWAS MCD for MiCD User	Additional Feature	Mitel	54005334	\$ 40.00
STD SWAS Designated License Manager	Additional Feature	Mitel	54005419	\$ -
PREM SWAS MCD BASE (INCL 16 USERS)	Additional Feature	Mitel	54005654	\$ 38.00
PREM SWAS MCD ONS (ANALOG)	Additional Feature	Mitel	54005655	\$ 1.00
PREM SWA MCD USER	Additional Feature	Mitel	54005657	\$ 3.00
PREM SWAS MCD for MICD SP Base CAP	Additional Feature	Mitel	54005683	\$ -
PREM SWAS MCD for MICD SP User CAP	Additional Feature	Mitel	54005684	\$ -
PREM SWAS Designated License Manager	Additional Feature	Mitel	54005689	\$ -
STD SWAS Virtual MCD Base	Additional Feature	Mitel	54005755	\$ 125.00
PREM SWAS Virtual MCD Base	Additional Feature	Mitel	54005756	\$ 38.00
STD SWAS Virtual MCD Business Base	Additional Feature	Mitel	54005760	\$ 125.00
PREM SWAS Virtual MCD Business Base	Additional Feature	Mitel	54005761	\$ 38.00
			5000 CP SOFTWARE ASSURANCE	
Description			Part Number	
5000 Software Assurance: Enrollment	Additional Feature	Mitel	54004228	\$ 400.00
STD SWAS 5000 CP Base	Additional Feature	Mitel	54005233	\$ 400.00
PREM SWAS 5000 CP BASE	Additional Feature	Mitel	54005682	\$ 300.00
			NUPOINT UNIFIED MESSAGING SOFTWARE ASSUR	
Description			Part Number	
NP-UM 640E SW Assurance 1 YR 8 Ports	Additional Feature	Mitel	54004451	\$ 900.00
STD SWAS NPM VMPort	Additional Feature	Mitel	54005208	\$ 39.00
STD SWAS NPM Speech Port	Additional Feature	Mitel	54005209	\$ 110.00
STD SWAS NPM Std Edition Base	Additional Feature	Mitel	54005210	\$ 230.00

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
STD SWAS NPM NPM Single Server or Virtual BASE Base	Additional Feature	Mitel	54005211	\$ 375.00
STD SWAS NPM 640 Base	Additional Feature	Mitel	54005213	\$ 1,700.00
STD SWAS NPM 640 VMPort	Additional Feature	Mitel	54005214	\$ 110.00
PREM SWAS NPM VMPORT	Additional Feature	Mitel	54005659	\$ 12.00
PREM SWAS NPM SPEECH PORT	Additional Feature	Mitel	54005660	\$ 33.00
PREM SWAS NPM BASE	Additional Feature	Mitel	54005661	\$ 69.00
PREM SWAS NPM Single Server or Virtual BASE	Additional Feature	Mitel	54005662	\$ 113.00
PREM SWAS NPM 640 BASE	Additional Feature	Mitel	54005663	\$ 510.00
PREM SWAS NPM 640 VMPORT	Additional Feature	Mitel	54005664	\$ 33.00
			MITEL APPLICATIONS SUITE SOFTWARE ASSURAN	
Description			Part Number	
MAS Msg & Conf for 5000 SWA: 1 Year	Additional Feature	Mitel	54004311	\$ 500.00
STD SWAS MAS Base	Additional Feature	Mitel	54005222	\$ 100.00
STD SWAS MAS NPM Mailbox	Additional Feature	Mitel	54005223	\$ 3.50
STD SWAS MAS UCM User	Additional Feature	Mitel	54005226	\$ 2.00
STD SWAS MAS UCM Client	Additional Feature	Mitel	54005227	\$ 8.00
STD SWAS MAS AWC Audio Port	Additional Feature	Mitel	54005229	\$ 33.00
STD SWAS MAS AWC Web Port	Additional Feature	Mitel	54005230	\$ 17.00
STD SWAS MAS MBD	Additional Feature	Mitel	54005231	\$ 250.00
STD SWAS MAS CSM	Additional Feature	Mitel	54005234	\$ 750.00
PREM SWAS MAS BASE	Additional Feature	Mitel	54005669	\$ 30.00
PREM SWAS MAS NPM MAILBOX	Additional Feature	Mitel	54005673	\$ 1.00
PREM SWAS MAS AWC AUDIO PORT	Additional Feature	Mitel	54005678	\$ 10.00
PREM SWAS MAS AWC WEB PORT	Additional Feature	Mitel	54005679	\$ 5.00
PREM SWAS MAS CSM	Additional Feature	Mitel	54005680	\$ 225.00
PREM SWAS MAS MBD	Additional Feature	Mitel	54005681	\$ 75.00
			UNIFIED COMMUNICATOR	
Description			Part Number	
STD SWAS UCA Base	Additional Feature	Mitel	54005200	\$ 125.00
STD SWAS UCA Deskphone	Additional Feature	Mitel	54005201	\$ 11.00
STD SWAS UCA Softphone	Additional Feature	Mitel	54005202	\$ 8.00
STD SWAS UCM Base	Additional Feature	Mitel	54005228	\$ 100.00
STD SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005343	\$ 5.00
PREM SWAS UCA DESKPHONE	Additional Feature	Mitel	54005670	\$ 3.00
PREM SWAS UCA SOFTPHONE	Additional Feature	Mitel	54005671	\$ 2.50
PREM SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005672	\$ 1.50
PREM SWAS UCA BASE	Additional Feature	Mitel	54005688	\$ 38.00
			MBG/TELEWORKER SOFTWARE ASSURANCE	

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Description			Part Number	
STD SWAS MBG TW User	Additional Feature	Mitel	54005218	\$ 12.00
STD SWAS MBG SIP Connect	Additional Feature	Mitel	54005219	\$ 6.00
STD SWAS MBG Base	Additional Feature	Mitel	54005220	\$ 25.00
STD SWAS MBG SRC Tap	Additional Feature	Mitel	54005388	\$ 6.00
PREM SWAS MBG TW USER	Additional Feature	Mitel	54005665	\$ 3.00
PREM SWAS MBG SIP CONNECT	Additional Feature	Mitel	54005666	\$ 2.00
PREM SWAS MBG BASE	Additional Feature	Mitel	54005668	\$ 8.00
			MITEL COMMUNICATION SUITE SOFTWARE ASSU	
Description			Part Number	
STD SWAS MCS Base (16 users)	Additional Feature	Mitel	54005198	\$ 125.00
PREM SWAS MCS BASE (INCL 16 USERS)	Additional Feature	Mitel	54005658	\$ 38.00
			ENTERPRISE MANAGER SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS EntMgr Base	Additional Feature	Mitel	54005191	\$ 100.00
STD SWAS EntMgr Node	Additional Feature	Mitel	54005192	\$ 90.00
PREM SWAS ENTMGR BASE	Additional Feature	Mitel	54005652	\$ 30.00
PREM SWAS ENTMGR NODE	Additional Feature	Mitel	54005653	\$ 27.00
			TELECOLLABORATION SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS Telecollab Meeting Room	Additional Feature	Mitel	54005205	\$ 4,275.00
PREM SWAS HD Solo	Additional Feature	Mitel	54005685	\$ 690.00
PREM SWAS TELECOLLAB OFFICE	Additional Feature	Mitel	54005686	\$ 962.00
PREM SWAS TELECOLLAB MEETING ROOM	Additional Feature	Mitel	54005687	\$ 1,283.00
			AMC TRANSFER ADMIN FEE	
Description			Part Number	
AMC TRANSFER ADMIN FEE	Additional Feature	Mitel	53003159	\$ 50.00
			MOBILE EXTENSION SOFTWARE ASSURANCE	
Description			Part Number	
PREM SWAS MAS UCM USER	Additional Feature	Mitel	54005675	\$ 1.00
PREM SWAS MAS UCM CLIENT	Additional Feature	Mitel	54005676	\$ 2.00
PREM SWAS UCM BASE	Additional Feature	Mitel	54005677	\$ 30.00
			SRC SOFTWARE ASSURANCE	
Description			Part Number	
PREM SWAS MBG SRC TAP	Additional Feature	Mitel	54005667	\$ 2.00
			CUSTOMER SERVICE MANAGER SOFTWARE ASSU	
Description			Part Number	
PREM SWAS MCS BASE (INCL 16 USERS)	Additional Feature	Mitel	54005658	\$ 38.00

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Item Description	Item Type	Manufacturer	Model	Cost
STD SWAS, CSM	Additional Feature	Mitel	54005744	\$ 750.00
PREM SWAS, CSM	Additional Feature	Mitel	54005746	\$ 225.00
			MITEL BUSINESS DASHBOARD SOFTWARE ASSUR.	
Description			Part Number	
STD SWAS, MBD	Additional Feature	Mitel	54005745	\$ 250.00
PREM SWAS, MBD	Additional Feature	Mitel	54005747	\$ 75.00
4FXS4Port FXS Mini Module	Expansion Configuration	Samsung	IBG-MFXS4M	\$ 620.00
VOP128DSP 128Ch	Expansion Configuration	Samsung	IBG-IVP128	\$ 3,680.00
VOP64DSP 64Ch	Expansion Configuration	Samsung	IBG-IVOP64	\$ 1,990.00
Switch w/o PoE24Port PoE 10/100M Ethernet Switch	Additional Component	Samsung	IES-4028F/XAR	\$ 620.00
Switch w PoE24Port PoE 10/100M Ethernet Switch (PoE)	Additional Component	Samsung	IES-4028FP/XAR	\$ 1,240.00
SMT-i3105SIP Phone	Additional Component	Samsung	SMT-i3105D/XAR	\$ 170.00
SMT-i5210SIP Phone	Additional Component	Samsung	SMT-i5210D/XAR	\$ 330.00
SMT-i5230SIP Phone	Additional Component	Samsung	SMT-i5230D/XAR	\$ 460.00
SMT-i5243SIP Phone	Additional Component	Samsung	SMT-i5243D/XAR	\$ 660.00
SMT-i526464 Button AOM	Additional Component	Samsung	SMT-i5264D/XAR	\$ 370.00
VARIOUS ITEMS ASSOCIATED WITH INSTALLING VOICE AND DATA NETWORKING EQUIPMENT:				
ET&T COMPETITIVE DISCOUNT	Additional Component	Various Manufacturers	ETT DISC	\$ (1.00)
CREDIT FOR CABLE REUSE	Additional Component	Various Manufacturers	CABLE CREDIT	\$ (20.00)
CAT5E CABLED VOICE OR DATA OUTLET UP TO 295 FEET	Additional Component	Various Manufacturers	94ETNCAT5E	\$ 289.00
MISCELLANEOUS HARDWARE	Additional Component	Various Manufacturers	65HDNMISCHD	\$ 1.00
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
6-OUTLET FACEPLATE FOR HUBBELL ELECTRIC IVORY	Additional Component	Various Manufacturers	60HBN78IP6	\$ 2.21
SURFACE MOUNTS DUPLEX	Additional Component	Various Manufacturers	60HBN8602I	\$ 6.49
SURFACE BOX 2/PORT	Additional Component	Various Manufacturers	60HBN8602TI	\$ 6.72
SURFACE HSING 2/PORT V&D	Additional Component	Various Manufacturers	60HBN8602TIVD	\$ 4.11
SURFACE MOUNT - 4 DATA OUTLETS	Additional Component	Various Manufacturers	60HBN8604I	\$ 6.48

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Item Description	Item Type	Manufacturer	Model	Cost
HUBBELL SC DUPLEX COUPLING 6-PK	Additional Component	Various Manufacturers	60HBNFASCMPB6	\$ 92.09
FLUSH FACEPLATE DUPLEX FOR CAT	Additional Component	Various Manufacturers	60HBNFPL12I	\$ 2.48
DUPLEX FLUSH JACKS V/D LABELED	Additional Component	Various Manufacturers	60HBNFPL12IVD	\$ 2.38
FLUSH FACEPLATE 3-GANG OUTLET	Additional Component	Various Manufacturers	60HBNFPL13I	\$ 2.21
QUAD FACEPLATE FOR HUBBELL	Additional Component	Various Manufacturers	60HBNFPL14HI	\$ 2.38
2/PORT GRAY PLT RECT	Additional Component	Various Manufacturers	60HBNFSL244GY	\$ 2.43
Hubbell Dual Jack Frame	Additional Component	Various Manufacturers	60HBNFSL244OW	\$ 2.57
ADAPTER PANEL, BLANK FSP HUBBELL	Additional Component	Various Manufacturers	60HBNFSPB	\$ 9.67
ADAPTER PANEL, FIBER 6 DUPLEX SC ORANGE HUBBELL	Additional Component	Various Manufacturers	60HBNFSPSCD06	\$ 110.72
SURGACE MOUNT BOX WEATHERPROOF 1 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNHI14XGY	\$ 75.12
CAT 6 JACK WEATHERPROOF HUBBELL	Additional Component	Various Manufacturers	60HBNHI6	\$ 51.83
JACK PROTECTIVE CAP, CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNHIC	\$ 14.01
CAT 5E JACK, BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EB	\$ 7.26
CAT 5e JACK 568B BLACK	Additional Component	Various Manufacturers	60HBNHXJ5EBK	\$ 6.24
JACK,CAT 5E SPEEDGAIN WIRED 568B (GREEN FOR DATA) HUBB	Additional Component	Various Manufacturers	60HBNHXJ5EGN	\$ 7.33
SPEEDGAIN XCELERATOR 5e JK OR	Additional Component	Various Manufacturers	60HBNHXJ5EOR	\$ 7.26
CAT 5 ORANGE DATA JACKS 25/PK	Additional Component	Various Manufacturers	60HBNHXJ5EOR25	\$ 127.50
HUBBELL VOICE JACK	Additional Component	Various Manufacturers	60HBNHXJ5EOW	\$ 5.95
SPEEDGAIN 5e 568B JK IVORY	Additional Component	Various Manufacturers	60HBNHXJ5ETI	\$ 7.26
CAT 5E JACK, WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EW	\$ 6.60
CAT 6 JACKS WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ60W	\$ 11.00
CAT 6 JACKS BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6B	\$ 11.00
CAT 6 JACKS BLUE HUBBELL - 25 PK	Additional Component	Various Manufacturers	60HBNHXJ6B25PK	\$ 8.08
CAT 6 JACK EI HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6EI	\$ 9.83
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR	\$ 10.10
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR25	\$ 8.08
CAT 6 JACKS, TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6TI	\$ 10.30
USOC 6-POSITION JACK E.I.	Additional Component	Various Manufacturers	60HBNHXJUEI	\$ 4.59
USOC JACK 6-CONDUCTOR	Additional Component	Various Manufacturers	60HBNHXJUTI	\$ 5.70
JACK, VOICE RJ-25 USOC 6 CONDUCTOR WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJUW	\$ 5.75
1 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP110W	\$ 2.21
SINGLE FACEPLATE E.I.	Additional Component	Various Manufacturers	60HBNIFP11EI	\$ 2.45
FACE PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNIFP11TI	\$ 2.38
2 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNIFP120W	\$ 2.06
FACEPLATE 2/PORT E.I.	Additional Component	Various Manufacturers	60HBNIFP12EI	\$ 2.21
2 - PORT F.P. LABEL V&D	Additional Component	Various Manufacturers	60HBNIFP12IVD	\$ 2.53
DUPLEX FLUSH FACEPLATE BLANK	Additional Component	Various Manufacturers	60HBNIFP12TI	\$ 2.38
FACEPLATE, 2 PORT, SINGLE GANG WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP12W	\$ 2.45



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Item Description	Item Type	Manufacturer	Model	Cost
SINGLE GANG TRIPLE JACK PLATE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP130W	\$ 2.45
FACE PLATE, FLUSH 3 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNIFP13EI	\$ 2.38
TRIPPLICATE FLUSH FACEPLATE BLK	Additional Component	Various Manufacturers	60HBNIFP13TI	\$ 2.38
4 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP140W	\$ 2.38
FACEPLATE, QUAD FLUSH TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14TI	\$ 2.45
FACEPLATE, SINGLE GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14W	\$ 2.30
FACEPLATE, 2 GANG 12 PORTS OFFICE WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP2120W	\$ 10.85
FACE PLATE 2 GANG (EI) ELECTRIC IVORY - 6 PORT	Additional Component	Various Manufacturers	60HBNIFP26EI	\$ 4.78
1.5 UNIT BLANK MODULE HUBBELL GRAY 5-PK	Additional Component	Various Manufacturers	60HBNIMB15GY	\$ 3.40
HUBBELL SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIMF10W	\$ 2.45
SINGLE GANG PLATE HUBBELL GRAY	Additional Component	Various Manufacturers	60HBNIMF1GY	\$ 2.82
2 JACK OUTLET FRAME HUBBELL	Additional Component	Various Manufacturers	60HBNISF20W	\$ 2.72
3 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNISF30W	\$ 2.72
2 PORT SURFACE MOUNT BOX OFFICE WHITE	Additional Component	Various Manufacturers	60HBNISM20W	\$ 3.35
SURFACE MT HOUSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2EI	\$ 2.98
DUPLEX SURFACE HSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2TI	\$ 2.98
1-GANG 2H FACEPLATE HUBBELL	Additional Component	Various Manufacturers	60HBNMTP-12	\$ 2.04
FACEPLATE, 2 GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNNSP24W	\$ 2.33
HUBBELL MULTI MEDIA HOUSING	Additional Component	Various Manufacturers	60HBNOPPL	\$ 11.20
Patch Panel 16-PORT CAT 5e	Additional Component	Various Manufacturers	60HBNP.P.5-16	\$ 168.73
24 PORT PATCH PANEL CAT 5E	Additional Component	Various Manufacturers	60HBNP5E24B19E	\$ 161.50
PATCH PANEL 24 PT CAT5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E24U	\$ 161.50
48-PORT CAT 5E PATCH PANEL HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48B19E	\$ 344.42
Patch Panel 48-PORT CAT 5e ,WM,& BRKT	Additional Component	Various Manufacturers	60HBNP5E48BF	\$ -
PATCH PANEL 48 PT. CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48U	\$ 289.00
PATCH PANEL 24 PORT CAT 6 HUBBELL	Additional Component	Various Manufacturers	60HBNP624U	\$ 248.20
WALL PLATES-HUBBELL	Additional Component	Various Manufacturers	60HBNP630516	\$ 12.75
WALL PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNP630S1G	\$ 15.30
PATCH PANEL HUBBELL 48-PT CAT 6	Additional Component	Various Manufacturers	60HBNP648U	\$ 416.01
COVER & BASE, ADHESIVE LANTRAK HUBBELL	Additional Component	Various Manufacturers	60HBNPL1ABC7	\$ 3.25
REBOX CABINET 32X24X10 GRAY	Additional Component	Various Manufacturers	60HBNRE4	\$ 416.70
BLANKS, SNAP IN ELECTRIC IVORY 10/PK	Additional Component	Various Manufacturers	60HBNSFBE10	\$ 0.61
BLANK INSERTS, GRAY HUBBELL	Additional Component	Various Manufacturers	60HBNSFBG10	\$ 0.61
WHITE BLANK INSERTS (10-pk)	Additional Component	Various Manufacturers	60HBNSFBW10	\$ 0.63
F TYPE COAX COUPLER	Additional Component	Various Manufacturers	60HBNSFFGOW	\$ 4.85
COAX CONNECTORS F-TYPE HUBBELL WHITE	Additional Component	Various Manufacturers	60HBNSFFI	\$ 5.93
BLANK INSERTS FOR ISF F/PLATE	Additional Component	Various Manufacturers	60HBNSSB10	\$ 5.10
FACEPLATE, DUAL STAINLESS STEEL 1-G, 2 PORT W/ LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL12	\$ 16.24

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Item Description	Item Type	Manufacturer	Model	Cost
FACEPLATE, STAINLESS STEEL, 1 GANG, 4 PORT W/LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL14	\$ 16.24
RACK, CHANNEL HUBBELL	Additional Component	Various Manufacturers	60HBNVC76	\$ 238.92
PATCH PANEL 12 PORT, CAT 6 VERTICAL ICC	Additional Component	Various Manufacturers	60ICNPP12V60	\$ 114.75
COMPRESSION TOOL, OMNISEAL EX IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN30703	\$ 171.77
Splitter Two Way Coax	Additional Component	Various Manufacturers	60IDN85-032	\$ 3.21
CONNECTORS, UNISEAL BNC IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN89058	\$ 4.81
3.5MM MALE TO 3.5MM MALE MONO-AUDIO CABLE 27"	Additional Component	Various Manufacturers	60JAN319206	\$ 1.85
WALL PLATE SG 1 PORT	Additional Component	Various Manufacturers	60LEN410801IP	\$ 1.84
BLANK INSERTS, LEVITON	Additional Component	Various Manufacturers	60LEN41084-BIB	\$ 0.26
SS WALL PHONE PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108W1SP	\$ 9.18
WALL PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108WOSP	\$ 10.20
DUAL GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290DMI	\$ 5.53
SINGLE GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290SMI	\$ 2.04
BLANK INSERTS 1 UNIT LEVITON	Additional Component	Various Manufacturers	60LEN412911BI	\$ 1.17
FLUSH ADAPTERS 1 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412911MI	\$ 1.02
FLUSH ADAPTERS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412912Q1	\$ 1.19
BLANK INSERTS 1.5" LEVITON	Additional Component	Various Manufacturers	60LEN412942BI	\$ 1.11
ANGLED ADAPTORS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412942Q1	\$ 1.28
LEVITON CAT 6 JACK WHITE	Additional Component	Various Manufacturers	60LEN61110ORW6	\$ 8.35
CAT 6 VOICE JACKS LEVITON	Additional Component	Various Manufacturers	60LEN61110R16	\$ 7.74
CAT 6 RJ45 JACKS GRAY LEVITON	Additional Component	Various Manufacturers	60LEN61110RG6	\$ 7.74
CAT 6 RJ45 JACKS BLUE LEVITON	Additional Component	Various Manufacturers	60LEN61110RL6	\$ 9.74
Leviton CAT 6 48 port patch panel	Additional Component	Various Manufacturers	60LEN69586U48	\$ 382.04
STAINLESS STEEL TYPE PLATES	Additional Component	Various Manufacturers	60LEN84013	\$ 1.84
WHITE DECO PLUS 6/PR OUTLET	Additional Component	Various Manufacturers	60LVN40756-BW	\$ 4.74
WHITE 2/PORT DECO PLUS O-LET	Additional Component	Various Manufacturers	60LVN40850-BW	\$ 4.74
CONNECTOR CRIMP ON RG6 QUAD LEVITON	Additional Component	Various Manufacturers	60LVN409850Q6	\$ 0.60
SPLICE INLINE FOR RG59U	Additional Component	Various Manufacturers	60LVN40986	\$ 0.36
BLANK INSERTS, (10-PK) GRAY SNAP IN MODULE LEVITON	Additional Component	Various Manufacturers	60LVN41084BGB	\$ 0.22
F-TYPE BULKHEAD MODULE	Additional Component	Various Manufacturers	60LVN41084FIF	\$ 2.04
SURFACE MT FIELD, 2 PORT	Additional Component	Various Manufacturers	60LVN410892IP	\$ 2.69
SIX POS / SIX COND JACK	Additional Component	Various Manufacturers	60LVN41106-RI6	\$ 3.57
PWR SUM T568A/B 8P/8C JK	Additional Component	Various Manufacturers	60LVN41108RO5	\$ 5.29
WALLPLATE, STAINLESS STEEL LEVITON	Additional Component	Various Manufacturers	60LVN430801S2	\$ 7.57
5/PR CONN BLKS 110	Additional Component	Various Manufacturers	60LVN49105-IDC	\$ 8.50
COAX BULKHEAD PANEL LEVITON	Additional Component	Various Manufacturers	60LVN49255H48	\$ 85.00
32-PORT FIELD CONF PNL	Additional Component	Various Manufacturers	60LVN49255Q32	\$ 68.37
4 PT MOD FURN FACEPLATE W/WINDOW GRAY LEVITON	Additional Component	Various Manufacturers	60LVN49910HG4	\$ 4.76

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
QUAD INSERT FOR MOD. FURN.,GREY LEVITON	Additional Component	Various Manufacturers	60LVN49910SG4	\$ 3.81
GIGAMAX SNAP IN JK RED 5E	Additional Component	Various Manufacturers	60LVN5G108-RR5	\$ 6.10
CAT 5E BLUE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RL5	\$ 5.44
GIGAMAX SNP-IN JACK ORANGE	Additional Component	Various Manufacturers	60LVN5G108RO5	\$ 5.02
CAT 5E WHITE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RW5	\$ 5.44
PATCH PANEL CAT5E 48-PORT	Additional Component	Various Manufacturers	60LVN5G596U48	\$ 272.00
CONNECTOR, SNAP IN EXTREME CAT 6+ , IVORY WIRED 568B L	Additional Component	Various Manufacturers	60LVN61110RI6	\$ 9.66
PATCH PANEL 24 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270-U24	\$ 204.00
PATCH PANEL 48 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270U48	\$ 382.04
CONNECTOR, SNAP IN EXTREME CAT 6+ WIRED 568 B LEVITON	Additional Component	Various Manufacturers	60LYN6110RI6	\$ -
HORIZONTAL CABLE MANAGEMENT MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPCD3645	\$ 260.63
VERTICAL MANAGEMAENT 2"W X 3"D X 51RU MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPCP2351	\$ 150.16
HORIZONTAL CABLE MANAGER 2RU 3" DEEP MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPHCM23	\$ 40.39
WALL PLATES-PAINTED	Additional Component	Various Manufacturers	60MBN99477	\$ 1.87
WALL MOUNT BRACKET SX-200 ML/EL	Additional Component	Various Manufacturers	60MIN50000786	\$ 143.65
ORTRONICS WALL MOUNT EQUIP SHF	Additional Component	Various Manufacturers	60ORN60400006	\$ 108.80
WIRE MANAGEMENT PANEL 3.5 X 19 ORTRONICS	Additional Component	Various Manufacturers	60ORN6040005	\$ 68.00
MIGHTY MO RACK 6.5" CHANNEL ORTRONICS	Additional Component	Various Manufacturers	60ORN6040014	\$ 408.00
WALL MOUNT 48 FIBER PATCH ORTRONICS	Additional Component	Various Manufacturers	60ORN615SMFC	\$ 289.00
PANEL 6ST DUAL CER SM/MM ORTRONICS	Additional Component	Various Manufacturers	60ORN615ST6C	\$ 144.50
ST COUP PANEL MM METAL SL ORTRONICS	Additional Component	Various Manufacturers	60ORN615STDS	\$ 76.50
RACK MT 12 ST MTL RECESSE ORTRONICS	Additional Component	Various Manufacturers	60ORN62512PA	\$ 246.50
RACKMOUNT 12/ST CER RECESSE	Additional Component	Various Manufacturers	60ORN62512PB	\$ 306.00
WIRE MANANAGEMENT PANEL, FINGER DUCT 2 RMO, 3" HORIZO	Additional Component	Various Manufacturers	60ORN8080445	\$ 93.50
WIRE MGMNT 3.5 X 1.7	Additional Component	Various Manufacturers	60ORN8084759	\$ 48.96
HINGED BRACKET 24-PORT P.P.	Additional Component	Various Manufacturers	60ORNOR-60400	\$ 43.61
EQUIPMENT SHELF	Additional Component	Various Manufacturers	60ORNOR-60400405	\$ 85.87
PATCH PANEL PORT CAT 5E 24	Additional Component	Various Manufacturers	60ORNOR-PHD5E6U24	\$ 177.36
CAT 6 48 PT PATCH PANEL ORTRONICS	Additional Component	Various Manufacturers	60ORNPHD66U4	\$ 442.00
JACKS, MINI COM CAT 5E IVORY PANDUIT	Additional Component	Various Manufacturers	60PANCJ5E88T	\$ 8.67
Mini Com Cat5e Jacks Ivory	Additional Component	Various Manufacturers	60PANCJ5E88TGEI	\$ 8.67
PANDUIT VERTICAL WIRE MANAGEMENT	Additional Component	Various Manufacturers	60PANWMBV2	\$ 22.98
CASE FAN 3" OR 3.5" 8X8 PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCASEFAN	\$ 25.48
FN ONLY FOR P3 OR AMD PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCPUFAN	\$ 33.98
ATM CPU FAN PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNCPUFAN	\$ 33.98
FIBER OPTIC WALL MT SPLICE & TERM LOADED 12F UNIT CENT	Additional Component	Various Manufacturers	60PCNFIU12SC	\$ 533.73
FIBER OPTIC RACK MOUNT SPLICE & TERM LOADED UNIT AND A	Additional Component	Various Manufacturers	60PCNFTS12C	\$ 623.49
FIBER OPTIC RACK SPLICE & TERM LOADED UNIT AND ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35036	\$ 1,324.64

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
FIBER OPTIC WALL RACK MT SPLICE & TERM LOADED ASSEMBLY	Additional Component	Various Manufacturers	60PCNFTS35048	\$ 1,627.21
ATM POWER SUPPLY FAN 80MM PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNPSFAN	\$ 25.48
FAN OUT KIT PANDUIT	Additional Component	Various Manufacturers	60PDNBT2506	\$ 17.00
PANDUIT CAT 5E JACKS	Additional Component	Various Manufacturers	60PDNCJ588OR	\$ 8.04
CAT5E SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS5E88T	\$ 8.42
CAT 6 SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS688TG	\$ 14.52
D RING HORIZ. CABLE MGMT 19"X1.5"X3" BLK PANDUIT	Additional Component	Various Manufacturers	60PDNCPHF1	\$ 37.77
FAN OUT KIT 12/FIBERS	Additional Component	Various Manufacturers	60PDNF012CB	\$ 49.86
FAN OUT KIT FOR 6/FIBERS	Additional Component	Various Manufacturers	60PDNF06CB	\$ 26.10
FIBER OPTIC DUPLEX ADAPTER PANELS 3 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP3WBUD	\$ 87.13
3-PORT SC ADAPTER PANELS DPLX	Additional Component	Various Manufacturers	60PDNFAP3WDSC	\$ 73.44
FIBER OPTIC DUPLEX ADAPTER PANELS 6 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP6WBUD	\$ 174.25
6-PORT PANEL SC LOADED	Additional Component	Various Manufacturers	60PDNFAP6WDSC	\$ 147.63
RK MT 24/48 ENCLOSURE 1U	Additional Component	Various Manufacturers	60PDNFM1	\$ 269.45
24 PORT FIBER OPTIC INTER CONNECT DRAWER	Additional Component	Various Manufacturers	60PDNFM24	\$ 290.07
18/36 RACK MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME1	\$ 268.60
RK-MT FIBER ENCLOSURE 54/108	Additional Component	Various Manufacturers	60PDNFRME3	\$ 379.95
RACK MOUNT ENCLOSURE PANDUIT	Additional Component	Various Manufacturers	60PDNFRME4	\$ 456.23
48/96 PORT RACK MT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME48BL	\$ 297.59
72/144 PORT FIBER RM ENCLOSE	Additional Component	Various Manufacturers	60PDNFRME72BL	\$ 452.20
12/24 PORT FIBER OPTIC WALL ENC, PANDUIT	Additional Component	Various Manufacturers	60PDNFWME12BL	\$ 100.22
24/48 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME24EB	\$ 217.09
48/96 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME48BL	\$ 243.10
WIRE MGMNT PANEL (PANDUIT)	Additional Component	Various Manufacturers	60PDNWMP1	\$ 93.76
PANDUIT CABLE MANAGER COVER	Additional Component	Various Manufacturers	60PDNWMP1RFC	\$ 7.00
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 3'	Additional Component	Various Manufacturers	60PDNWMPF1E	\$ 70.41
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 1.5'	Additional Component	Various Manufacturers	60PDNWMPFSE	\$ 60.16
VERTICAL CABLE MGT 4X5 FRT/REAR 45RU PANDUIT	Additional Component	Various Manufacturers	60PDNWMPV45E	\$ 301.27
VERTICAL PANEL CENTER BRACKET	Additional Component	Various Manufacturers	60PDNWMPVCB	\$ 10.37
WIRE MANAGEMENT PANELS (S & C)	Additional Component	Various Manufacturers	60PDNWMPVF20	\$ 82.45
VERTICAL MANAGER, FRONT ONLY PANDUIT	Additional Component	Various Manufacturers	60PDNWMPVF45E	\$ 185.64
VERTICAL WIRE MANAGEMENT FR. & REAR	Additional Component	Various Manufacturers	60PDNWMPVHC45	\$ 376.31
VERTICAL WIRE MANAGEMENT (FRONT)	Additional Component	Various Manufacturers	60PDNWMPVHCF45	\$ 376.31
FACEPLATE, RG6 LOADED, COAX PICO/MACOM	Additional Component	Various Manufacturers	60PINWP811V	\$ 0.82
WALL JACK PLATE STAINLESS STEEL ALLEN TEL	Additional Component	Various Manufacturers	60PRNSE-630A4	\$ 5.63
SC CONNECTORS 62.5 MICRON (FIBER)	Additional Component	Various Manufacturers	60SCN95-00041	\$ 22.53
SC SM F.O. CONNECTORS EPOXY	Additional Component	Various Manufacturers	60SCN95-20008	\$ 13.89
SC UNICAM SM FIBER OPTIC CONN	Additional Component	Various Manufacturers	60SCN95-2041	\$ 25.93

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Item Description	Item Type	Manufacturer	Model	Cost
CONNECTOR ST- MM UNICAM CORNING	Additional Component	Various Manufacturers	60SCN95000-50	\$ 14.35
CONNECTOR ST SM UNICAM SGL MD PC CORNING	Additional Component	Various Manufacturers	60SCN9520051	\$ 22.08
SPLICE ENCLOSURE KIT	Additional Component	Various Manufacturers	60SCNBB2128882	\$ 124.30
FAN OUT KIT FOR LT CBL 12-F BUFFER 25" FAN OUT TUBING	Additional Component	Various Manufacturers	60SCNBT2512	\$ 22.95
CORNING FIBER ENCLOSURE	Additional Component	Various Manufacturers	60SCNCCH-02U	\$ 339.47
ADAPTER PANEL 12 STRAND CORNING	Additional Component	Various Manufacturers	60SCNCCH-CP12-91	\$ 71.40
CORNING FIBER ADAPTER	Additional Component	Various Manufacturers	60SCNCCHCP1215T	\$ 53.36
CORNING SM FIBER ADAPTER PANEL	Additional Component	Various Manufacturers	60SCNCHCP1259	\$ 98.60
CORNING FAN	Additional Component	Various Manufacturers	60SCNFBNT2512	\$ 18.67
CORNING INDUSTRIAL FIBER HOUSING	Additional Component	Various Manufacturers	60SCNICH02P	\$ 476.00
SPLICE TRAY	Additional Component	Various Manufacturers	60SCNM67031M	\$ 58.11
PATCH PANEL,24 PORT, RG6 LOADED, COAX SEMTRON	Additional Component	Various Manufacturers	60SENP10124	\$ 106.25
WALL BRACKET FOR 60SENP10124, COAX SEMTRON	Additional Component	Various Manufacturers	60SENWMB1014	\$ 56.95
ADAPTER PANEL , FIBER SC-12 SIEMON	Additional Component	Various Manufacturers	60SINRICFSC12	\$ 96.39
100 PAIR BASE W/LEGS SIEMON	Additional Component	Various Manufacturers	60SINS110AA21	\$ 37.98
300 PR 110 BASE W/LEGS 5 PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AA23	\$ 115.60
300 PR 110 BASE W/LEGS 4PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AB23	\$ 104.48
CONNECTORS, 4 PR- 110	Additional Component	Various Manufacturers	60SINS110C-4	\$ 0.95
RACK MOUNT 110 BLOCK SIEMON	Additional Component	Various Manufacturers	60SINS110DA21	\$ 102.41
DIST RING METAL 13C	Additional Component	Various Manufacturers	60SINSI-4755	\$ 2.13
CAT 7 JACKS SIEMON	Additional Component	Various Manufacturers	60SINT7F011	\$ 21.61
CAT 7 PATCH PANEL, 24 PORT UNLOADED SIEMON	Additional Component	Various Manufacturers	60SINTMPNLZ	\$ 91.51
110 500 PAIR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110M500	\$ 346.80
S110 500/PR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110MA2	\$ 337.45
WALL BRACKET FOR P.P. (48-PORT)	Additional Component	Various Manufacturers	60SPN442-516	\$ 43.59
Patch Panel 24-PORT CAT5e	Additional Component	Various Manufacturers	60SPN449-257	\$ 146.95
Patch Panel 48-PORT CAT-5/5E	Additional Component	Various Manufacturers	60SPN449-258	\$ 396.10
Patch Panel 12-PORT CAT5/5e	Additional Component	Various Manufacturers	60SPN449-685	\$ 99.35
RJ48X ASSEMBLY / SMART JACK	Additional Component	Various Manufacturers	60SPNRJ48X	\$ 6.31
WIRE MGMT PANEL	Additional Component	Various Manufacturers	60SPNWM35-DS	\$ 57.46
6-CONDUCTOR SURFACE JACK IVORY	Additional Component	Various Manufacturers	60SUNSE625A-6	\$ 2.31
RJ-45X TELECOMM JACK / RJ-31X	Additional Component	Various Manufacturers	60SUNSE625A28	\$ 4.37
PE/PVC BLUE JACKET REELS SYSTIMAX	Additional Component	Various Manufacturers	60SYN1061	\$ 0.19
1 PORT MOD JACK CAT 5E ORANGE SYSTIMX	Additional Component	Various Manufacturers	60SYNMPS100E112	\$ 10.32
POLE HARDWARE	Additional Component	Various Manufacturers	60TVNPOLEHDW	\$ 1,600.77
TRENDENT 16 PORT DATA SWITCH W/ POE	Additional Component	Various Manufacturers	60TWNTPES88	\$ 380.80
CAT 6 SL 110 MOD JACK ALMOND TYCO	Additional Component	Various Manufacturers	60TYN13750551	\$ 10.35
CAT 6 SL 110 MOD JACK BLUE TYCO	Additional Component	Various Manufacturers	60TYN13750556	\$ 10.35

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Item Description	Item Type	Manufacturer	Model	Cost
TBNC TO BNC, CABLE PLENUM 25' EXTRON	Additional Component	Various Manufacturers	60VSN2637804	\$ 176.80
WALL PLATE EXTRON	Additional Component	Various Manufacturers	60VSNWP180	\$ 255.00
110 TERMINATION BLOCK KIT ALLENTEL	Additional Component	Various Manufacturers	61ALN100C4KIT	\$ 44.74
5-PAIR CONN BLOCK 110 CAT5E NON-TERMINATED (COMES 100/	Additional Component	Various Manufacturers	61ATN10380125	\$ 1.09
PROJECTOR MOUNT, UNIVERSAL	Additional Component	Various Manufacturers	61CENRPAU	\$ 204.00
BRACKET, CABLE TRAY WALL 12" GRAY	Additional Component	Various Manufacturers	61CHN11421-112	\$ 28.90
B CONNECTORS SEALANT FILLED, BLUE	Additional Component	Various Manufacturers	61DONDC100S	\$ 0.14
WEATHERPROOF HOUSING W/SPRINGKIT ON DOOR	Additional Component	Various Manufacturers	61GAN255-14SP	\$ 277.10
CONNECTOR BLOCK KIT W/ BRACKETS & CLIPS	Additional Component	Various Manufacturers	61GBN100C5-KIT	\$ 40.92
110 BLOCK W/LEGS 100 PAIR ALLEN TEL	Additional Component	Various Manufacturers	61GBN110BK-100	\$ 22.39
GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	61GBN3B1E	\$ 3.83
66 MODULAR X-CONN BLOCK W/16-6	Additional Component	Various Manufacturers	61HBNBR256066	\$ 204.00
EQUIPMENT RACK 7'X19" RACK MT. VERTICAL BLK HUBBELL	Additional Component	Various Manufacturers	61HBNCR1976	\$ 637.50
WALL BRACKET HINGED HUBBELL	Additional Component	Various Manufacturers	61HBNHPWWB4U8	\$ 104.87
COAX BARREL CONNECTOR	Additional Component	Various Manufacturers	61HODCOAXCBLFDC	\$ 6.36
HINGED COVER, FIBERGLASS TYPE 4X HOFFMAN	Additional Component	Various Manufacturers	61HOND16148	\$ 222.70
MOUNTING BRACKETS FOR CS5200/5400 BASE SYSTEM	Additional Component	Various Manufacturers	61INN823.1392	\$ 17.00
CAT 5E PRIMARY PROTECTOR, 4 PAIR	Additional Component	Various Manufacturers	61ITNCAT5-LAN	\$ 117.30
CABLE MGMNT HORIZONTAL	Additional Component	Various Manufacturers	61LVN41D1R-HCM	\$ 28.82
200PR RK MT 110 BLK W/ 5-PR-CON	Additional Component	Various Manufacturers	61LVN41DBR-2FS	\$ 139.83
300PR RK MT 110 BLK W/ 5-PR CON	Additional Component	Various Manufacturers	61LVN41DBR-3FS	\$ 200.60
BRACKET, PKM 48 LONG	Additional Component	Various Manufacturers	61MIN13280029	\$ 30.35
BIX DIST CONN CAT5 4/PR	Additional Component	Various Manufacturers	61NCNA0393146	\$ 9.06
GAS TUBE PROTECTOR DATA	Additional Component	Various Manufacturers	61PSN1504PX27	\$ 102.43
50 PAIR QUICK CLIP IN RJ21X 9 (GAS TUBES/W/66 IN AND FRJ (RJ2	Additional Component	Various Manufacturers	61PSN2405066F	\$ 450.50
100 PR PROTECTOR, MODULES INCLUDED W/ COVER PORTA SY	Additional Component	Various Manufacturers	61PSN2510066	\$ 799.34
25/GAS TUBE PROTECTOR W/BLOCK	Additional Component	Various Manufacturers	61PSN58IP-225	\$ 247.81
DELTA PROTECTOR MODULE-230V	Additional Component	Various Manufacturers	61PSN95BCDXN230	\$ 2.52
HINGED COVER ORANGE 66-BLOCK	Additional Component	Various Manufacturers	61PTNPSH66MO	\$ 1.67
B-CONNECTOR	Additional Component	Various Manufacturers	61RENRB-1000	\$ 0.09
CONNECTOR BLOCK FOR 66	Additional Component	Various Manufacturers	61SEN66B4-25	\$ 42.72
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38

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Item Description	Item Type	Manufacturer	Model	Cost
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
PROJECTOR BRACKET, RPAU UNIVERSAL	Additional Component	Various Manufacturers	61UNNRPAU	\$ 204.00
24-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62-CA-N/024KSA20	\$ 3.06
48-STRAND ID/OD FOC mm 62.5/125	Additional Component	Various Manufacturers	62-CA-N/048KWA20	\$ 5.36
Cable 12 PR/24 GUAGE FIG '8' O/H (1/4" MESSENGER)	Additional Component	Various Manufacturers	62ALN12/24O/H	\$ 1.11
Cable FIG '8' O.H.	Additional Component	Various Manufacturers	62ALN6/24 O/H	\$ 0.99
CABLE, 12 PR OUTSIDE/OVERHEAD 24-12 EXCHANGE CABLE PE	Additional Component	Various Manufacturers	62ALNE001224	\$ 0.82
VIDEO/POWER CABLE 100' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL100P	\$ 32.28
VIDEO/POWER CABLE 50' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL50PV	\$ 23.78
Cable 50 PAIR, 24G UNDERGROUND	Additional Component	Various Manufacturers	62ATN50/24UG	\$ 2.57
Cable DATATWIST 350MHZ CAT5E BLUE	Additional Component	Various Manufacturers	62BDN1700A-B	\$ 0.13
Cable DATATWIST 350MHZ CAT5E WHITE	Additional Component	Various Manufacturers	62BDN1700A-W	\$ 0.13
RG11 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN3094A	\$ 0.62
RG6 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN7916A	\$ 0.16
RG 6 COAX NON-PLENUM	Additional Component	Various Manufacturers	62BDN9116	\$ 0.10
RG6 CO-AXIAL CABLE (Non-Plenum)	Additional Component	Various Manufacturers	62BDNRG6	\$ 0.22
CAT 5e 4PR NON-PLENUM - BLUE BERK-TEK	Additional Component	Various Manufacturers	62BEN10032426	\$ 0.13
CAT 5E 4 PR NON-PLENUM - GRAY BERK-TEK	Additional Component	Various Manufacturers	62BEN10032447	\$ 0.13
Cable 18/2 Twisted Shielded Plenum BE	Additional Component	Various Manufacturers	62BEN887600021000	\$ 0.68
FIBER OPTIC CABLE 6 STRAND MM PLENUM ARMOR BERK-TEK	Additional Component	Various Manufacturers	62BENMIPJ6DN	\$ 2.57
Cable RG/59U Plenum BE	Additional Component	Various Manufacturers	62BENR659UP	\$ 0.48
Cable RG/6U Quad Shield Plenum BE	Additional Component	Various Manufacturers	62BENRG6UPTQ	\$ 0.72
EHS STEEL STRAND 1/4" (5/M FT ROLLS)	Additional Component	Various Manufacturers	62BHNEHS14US	\$ 0.27
CABLE KIT, 10' - WHITE BOGEN	Additional Component	Various Manufacturers	62BONCK10W	\$ 15.30
MESSENGER CABLE 1/4 " strand	Additional Component	Various Manufacturers	62BRN1/4	\$ 0.32
Cable CROSS CONNECT WIRE	Additional Component	Various Manufacturers	62BRN1/PR	\$ 0.05
CAT 5E 5' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-005	\$ 4.17
CAT 5E 10' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-010	\$ 5.87
CAT 6 2000 BLUE, BERK-TEK LANMARK	Additional Component	Various Manufacturers	62BTN10064547	\$ 0.88
F.O.C. 6/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX06055D	\$ 0.51
F.O.C. 12/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX12065D	\$ 0.88
Cable 6-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-006	\$ 1.02
Cable 12-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-012	\$ 0.70
Cable 24-STRAND H.DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-024	\$ 1.84
Cable 48-STRAND H.DUTY RISE sm	Additional Component	Various Manufacturers	62BTNLTR-048	\$ 2.47
FIBER 6 STRAND, 62.5, MULTI MODE, I/O	Additional Component	Various Manufacturers	62BTNLTR006CB3510/25-BT	\$ 0.99
Cable 6/STRAND FOC mm W/ARMORED	Additional Component	Various Manufacturers	62BTNOPA-006	\$ 1.43

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Item Description	Item Type	Manufacturer	Model	Cost
Cable 6-STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-006	\$ 0.55
Cable 24 STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-024	\$ 3.71
6 STRAND SINGLE MODE PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR006AB1010	\$ 0.38
12 STRAND 50 MICRON MM PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR012LB351575	\$ 1.53
BURNDY MECHANICAL LUGS	Additional Component	Various Manufacturers	62BUNKA2U	\$ 1.31
12-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62CAN012KSA20	\$ 2.47
GROUND WIRE, INSULATED, GREEN JACKET	Additional Component	Various Manufacturers	62CAN6AWG	\$ 0.40
CARLON 1 IN. PLENUM INNERDUCT	Additional Component	Various Manufacturers	62CANCF4X1C-1000	\$ 2.67
PLENUM 1" INNERDUCT ORANGE CARLON	Additional Component	Various Manufacturers	62CANCF4X1C-500	\$ 2.67
PLENUM 1" ORANGE W TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANCF4X1C-8000	\$ 2.86
1" RISER PVC ORG. TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANDF4X1C-9400	\$ 1.14
COAX CABLE PARAMTR 111 75 SER COMPND	Additional Component	Various Manufacturers	62CMNP3875J	\$ 1.79
Corning 6 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN006R8F31131-29	\$ 0.88
Corning 12 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN012R8F31131-29	\$ 1.19
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048KW4-74130A20	\$ 6.55
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048RW4-74101A20	\$ 1.09
6-STRAND sm IN-OUT F.O.C.	Additional Component	Various Manufacturers	62CNN373-COR8.3LTD-06	\$ 0.34
CORNING INTERLOCKING ARMOR PLENUM	Additional Component	Various Manufacturers	62CON006K8831130A3	\$ 2.64
Fiber Freedom 6 strand MM	Additional Component	Various Manufacturers	62CON006K8F-31130-29	\$ 1.68
6 STRAND 62.5/125 LT DUCT/AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON006KW4	\$ 1.02
CORNING 6 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON006TU4	\$ 105.40
FIBER 12 STRAND SM MIC CORNING	Additional Component	Various Manufacturers	62CON012E88	\$ 1.14
CABLE, FIBER OPTIC 12/STRAND 8.3/125 LT. DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON012EUC	\$ 0.77
12 STRAND FIBER OPTIC CABLE ARMORED PLENUM MM	Additional Component	Various Manufacturers	62CON012K88	\$ 3.83
12-STRAND 62.5/125 LT DUCT/AERIAL ALTOS GEL FREE	Additional Component	Various Manufacturers	62CON012KW4	\$ 1.79
12 STRAND FIBER OPTIC CABLE FIG "8" ARIEL MM	Additional Component	Various Manufacturers	62CON012KWA	\$ 2.11
12 STRAND FIBER OPTIC CABLE ARMORED	Additional Component	Various Manufacturers	62CON012KWC	\$ 1.90
CORNING 12 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON012TU4	\$ 1.50
FIBER 24 STRAND MM MIC CORNING	Additional Component	Various Manufacturers	62CON024K88	\$ 4.42
24 STRAND 62.5/125 LT. DUCT/ AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON024KW4	\$ 3.23
CORNING 24 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON024TU4	\$ 2.77
CABLE, FIBER OPTIC 48/STRAND 8.3/125 LT.DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON048EUC	\$ 1.29
Fiber Optic Cable 48/Strand mm Indoor // Outdoor Lt. Duct Aerial	Additional Component	Various Manufacturers	62CON048TU4	\$ 6.21
COAX RG6 PLENUM COMM/SCOPE WHITE ( 1/M)	Additional Component	Various Manufacturers	62CON2227V	\$ 0.83
CABLE, ARMORED PLENUM 6-F 62.5/125 CORNING	Additional Component	Various Manufacturers	62CON370406A	\$ 2.79
FIBER OPTIC CABLE 12 STRAND ARMoured PLENUM 50 MICRON	Additional Component	Various Manufacturers	62CON370COR0M2	\$ 3.66
CABLE 6 STRAND FOC MM W/ ARMORED	Additional Component	Various Manufacturers	62CON372625	\$ 1.22
CABLE, FIBER OPTIC ARMOR MM(MULTIMODE) 24 STRAND INDOOR	Additional Component	Various Manufacturers	62CONMIPJ24D	\$ 6.68



# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CABLE RG6 QUAD SHIELD COAX NON-PLENUM	Additional Component	Various Manufacturers	62CONRG6NP	\$ 0.16
FIBER OPTIC CABLE, SINGLE MODE 6 STRAND GEL FREE ENHANC	Additional Component	Various Manufacturers	62CRN006EUE	\$ 0.92
FIBER OPTIC CABLE 6 STRAND MM INTERLOCKING ARMOR COR	Additional Component	Various Manufacturers	62CRN006K813	\$ 1.87
Fiber Optic Cable 6/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN006TU4-T4131D20	\$ 0.88
Single Mode Fiber Optic Cable 12/Strand Gel Free Enhanced Jacket	Additional Component	Various Manufacturers	62CRN012EUE	\$ 1.46
FIBER OPTIC CABLE, SINGLE MODE 12 STRAND GEL FREE CORN	Additional Component	Various Manufacturers	62CRN012EVC	\$ 0.65
MM 12-STRAND FREEDM IN/OUT	Additional Component	Various Manufacturers	62CRN012KSFMM	\$ 1.87
12-STRAND mm I/O FREEDOM FOC	Additional Component	Various Manufacturers	62CRN012MMFIO	\$ 2.01
Fiber Optic Cable 12/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN012TU4-T4131D20	\$ 1.43
CABLE, FIBER OPTIC 24 STRAND SM LT. DUCT/AERIAL CORNING	Additional Component	Various Manufacturers	62CRN024EU4	\$ 0.58
Fiber Optic Cable 24/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN024TU4-T4131D20	\$ 2.77
FIBER OPTIC CABLE,SINGLE MODE 36 STRAND GEL FREE ENHANC	Additional Component	Various Manufacturers	62CRN036EUE	\$ 1.72
6/STRAND mm PLENUM RISER	Additional Component	Various Manufacturers	62CRN370-949-FDDI-06	\$ 1.12
6 STRAND MM FIBER CABLE 62.5 I/O	Additional Component	Various Manufacturers	62CRN625LTD06	\$ 1.02
FIBER OPTIC 6 STRAND MM FIG. "8" AERIAL CORNING	Additional Component	Various Manufacturers	62CRNLTFIG806	\$ 1.39
12" CABLE RUNWAY - GRAY	Additional Component	Various Manufacturers	62CWN10250-112	\$ 93.50
CABLE TRAY 15" CHATSWORTH	Additional Component	Various Manufacturers	62CWN10250115	\$ 123.42
Cable ENGЕНИUS EXT-ANTENNA W/60	Additional Component	Various Manufacturers	62EGNSNULAK20	\$ 225.51
INNERDUCT 1" OSP HDPE ORG WPP ROPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNICE100	\$ 0.37
INNERDUCT 1" PLENUM WHT W/TAPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNIPR1	\$ 2.45
Cable 150 PAIR TELEPHONE	Additional Component	Various Manufacturers	62ETN150PR	\$ 2.13
CABLE VGA 75' MALE - MALE 15 PIN EXTRON	Additional Component	Various Manufacturers	62EXN2623819	\$ 180.20
PRETERMINATED BNC CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2626016	\$ 247.35
PRETERMINATED M-M S-VIDEO CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2631606	\$ 61.20
Cable 14/2 Plenum GC	Additional Component	Various Manufacturers	62GCN31284186	\$ 0.28
Cable 18/4 Plenum GC	Additional Component	Various Manufacturers	62GCN4C18CMP	\$ 0.21
Cable 18/2 Plenum GC	Additional Component	Various Manufacturers	62GCNC31124186	\$ 0.13
DOOR SECURITY CABLE 18G/6C SHLD PLENUM	Additional Component	Various Manufacturers	62GCNHOU1806SCMP	\$ 0.65
CABLE 300 PAIR, UNDERGROUND, GENERAL	Additional Component	Various Manufacturers	62GENDB300P	\$ 10.86
CAT5+PLENUM 350 MHZ	Additional Component	Various Manufacturers	62GRB5224148	\$ 0.30
PULL ROPE 3/8" X 600' REEL IDEAL	Additional Component	Various Manufacturers	62IDN31845	\$ 0.40
1/PAIR X-CONNECT ORANGE	Additional Component	Various Manufacturers	62INN900.9045OR	\$ -
1/PAIR X-CONNECT RED/WHITE	Additional Component	Various Manufacturers	62INN900.9045RD	\$ 0.02
1/PAIR X-CONNECT YELLOW/BLUE	Additional Component	Various Manufacturers	62INN900.9045YL/BL	\$ 0.02
Cat 5E 100MHZ Blue	Additional Component	Various Manufacturers	62INN902.9001	\$ 0.00
Cat 5E100 MHZPlenum White	Additional Component	Various Manufacturers	62INN902.9001WH	\$ 0.00
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCTM25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCTM50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
Cable RG-59U CO-AX	Additional Component	Various Manufacturers	62KWNRG-59U	\$ 0.19
CABLE 2287K COMMSCOPE	Additional Component	Various Manufacturers	62KWNRG112287K	\$ 2.13
LEVITON 300 PR 110 BLOCK KIT	Additional Component	Various Manufacturers	62LEN41AB2-3FT	\$ 83.30
100 PR 110 BLOCK KIT W/ C-5'S	Additional Component	Various Manufacturers	62LEN41AB21F5	\$ 34.00
LEVITON CAT 6 96 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-1F4	\$ 59.50
LEVITON CAT 6 288 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-3F4	\$ 156.40
Cable GROUND WIRE SOLID #10 GREEN	Additional Component	Various Manufacturers	62LFN#10	\$ 0.15
Cable MEGALAN OUTSIDE CAT5e	Additional Component	Various Manufacturers	62MHN5EX0424	\$ 0.48
MOHAWK CAT 6 BLUE PLENUM CABLE	Additional Component	Various Manufacturers	62MON6P4P24	\$ 0.59
CAT 3 50 PR. PLENUM MOHAWK OR BERK-TEK	Additional Component	Various Manufacturers	62MONM56126	\$ 2.38
GROUND CLAMP FOR WATER PIPE CROUSE-HIND	Additional Component	Various Manufacturers	62MWN141DC	\$ 1.80
CABLE, AUDIO 75'	Additional Component	Various Manufacturers	62NON2002PP75	\$ 113.90
AUDIO CABLE 75'	Additional Component	Various Manufacturers	62NON2P2P75	\$ 115.60
CABLE, VIDEO 75'	Additional Component	Various Manufacturers	62NONPPCV75	\$ 108.80
ARMOR, INTERLOCKING 12 FIBER PLENUM 62.5/125 OPTICAL	Additional Component	Various Manufacturers	62OPNDX12060KW900	\$ 4.42
G-PURPOSE I/D ORNGE, W/PULL	Additional Component	Various Manufacturers	62PMNGP-125T	\$ 1.12
PLENUM 1.25" DIAMETER INNERDUCT W/PULL TAPE - WHITE	Additional Component	Various Manufacturers	62PMNPLM125T	\$ 4.00
TELCO CLUSTER BAR 12 RJ-11 USOC 4-PR	Additional Component	Various Manufacturers	62PRNFM030	\$ -
PVC CONDUIT- COMES IN 10' PCS.	Additional Component	Various Manufacturers	62PVCCON2	\$ 0.80
CABLE STANDS	Additional Component	Various Manufacturers	62RAN11455	\$ 117.50
AUDIO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCN2PP25P	\$ 102.00
VIDEO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCNCV25HRP	\$ 68.00
62.5/125 MICRON TB RISER MM FIBER CORNING	Additional Component	Various Manufacturers	62SCN012K81	\$ 1.68
ENDOCORE 1" PVC INNERDUCT	Additional Component	Various Manufacturers	62SCNICE100	\$ 0.31
200 PR SEALPIC DIRECT BURIAL CABLE PE-89	Additional Component	Various Manufacturers	62SEN200PRDBC	\$ 3.49
CAT 3 25 PR	Additional Component	Various Manufacturers	62SEN25PRP24	\$ 0.88
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340026G01	\$ 0.34
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340029101	\$ 0.24
24 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440246G01	\$ 3.83
24 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440249101	\$ 2.38
Cable Cat 5E Plenum100MHZ SE Blue	Additional Component	Various Manufacturers	62SEN5124128	\$ 0.31

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Item Description	Item Type	Manufacturer	Model	Cost
Cable Cat 5E Plenum 100MHZ SE Gray	Additional Component	Various Manufacturers	62SEN5124138	\$ 0.23
CAT 5E 25PR 24GA PLENUM	Additional Component	Various Manufacturers	62sen5147848	\$ 5.36
CAT5E 25 PAIR	Additional Component	Various Manufacturers	62SEN5147848NFR	\$ 5.92
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
CABLE 100 TO 400 MHZ BLUE	Additional Component	Various Manufacturers	62STN1-4B	\$ 0.30
CABLE 100 TO 400 MHZ WHITE	Additional Component	Various Manufacturers	62STN1-4W	\$ 0.30
25 PR .24GA EXCHANGE CABLE PE 22 AIRCORE SUPERIOR	Additional Component	Various Manufacturers	62SUNE002524	\$ 1.00
Cable 12/PAIR .24GA O/H FIG-8	Additional Component	Various Manufacturers	62TSN12/24-OH	\$ 0.82
Cable 12/PAIR 24GA UNDERGRND	Additional Component	Various Manufacturers	62TSN12/24-UG	\$ 0.31
SPKR WIRE 2/PR 1/PR SHLDED	Additional Component	Various Manufacturers	62WPN253757B	\$ 0.22
Cable - 2pr 1pr shielded - White speaker	Additional Component	Various Manufacturers	62wpn357	\$ 0.18
FIRESTOP WATERBASE CAULK 5-GL	Additional Component	Various Manufacturers	633MNCP25WB	\$ 375.00
FIRESTOP (TUBED)	Additional Component	Various Manufacturers	633MNCP25WB&CAULK	\$ 14.21

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Item Description	Item Type	Manufacturer	Model	Cost
MOLDABLE PUTTY STICKS (FIRESTOP) 1.5" X 11" 3M	Additional Component	Various Manufacturers	633MNMP+	\$ 19.70
CLAMP 1 1/4 STRAP T-20	Additional Component	Various Manufacturers	63ABN9000200	\$ 0.29
D RINGS 8" CUT ALLENTEL	Additional Component	Various Manufacturers	63ALNGB10C	\$ 2.81
D RINGS 8" ALLENTEL	Additional Component	Various Manufacturers	63ALNGB13C	\$ 2.30
UNICAM INSTALLATION TOOL	Additional Component	Various Manufacturers	63ANNTLUCO1	\$ 561.00
WALL MOUNT CABINET 8U	Additional Component	Various Manufacturers	63BBNRM2412A	\$ 484.50
GROUND ROD CLAMP 5/8	Additional Component	Various Manufacturers	63BCNGRC58	\$ 5.05
CONDUIT HANGER WITH BOLT 3 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN7B	\$ 1.22
CONDUIT HANGER WITH BOLT 4 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN9B	\$ 3.49
BRIDLE RING 2-INCH	Additional Component	Various Manufacturers	63CFN4BRT32	\$ 1.29
CLAMPS - CONDUIT 1 1/4"	Additional Component	Various Manufacturers	63CFN6H2.5B	\$ 0.51
CLAMPS - CONDUIT 2" THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H5B	\$ 0.78
3" PIPE HANGER W/ NUT BOLT THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H7B	\$ 1.23
CLAMPS - BEAM	Additional Component	Various Manufacturers	63CFNBC260025EG	\$ 1.11
CLIP CABLE SUPPORT 1/8-1/2 FLNG	Additional Component	Various Manufacturers	63CFNCAT21BC	\$ 0.61
J - HOOKS 2"	Additional Component	Various Manufacturers	63CFNCAT32	\$ 4.08
CABLE HANGER ASSEMBLY	Additional Component	Various Manufacturers	63CFNCAT425	\$ 18.45
BUS BAR BICSI TMG 1/4 IN X 2 CHATSWORTH	Additional Component	Various Manufacturers	63CHN1362201	\$ 110.42
CISCO AIRONET 1300 ROOF MOUNT KIT	Additional Component	Various Manufacturers	63CIN1300KIT	\$ 273.70
CISCO AIRONET 1310 OUTDOOR ACCESS POINT/BRIDGE	Additional Component	Various Manufacturers	63CIN1310	\$ 1,303.90
PROTECTION PANEL CIRCA 100 PR	Additional Component	Various Manufacturers	63CIN1890ECT1	\$ 527.00
CISCO 2821 SECURITY BUNDLE ROUTER 2U IOS ADV MITEL DA	Additional Component	Various Manufacturers	63CIN2821	\$ 5,630.40
CISCO CATALYST 2960G 48 PORT GIGABIT MITEL DATANET	Additional Component	Various Manufacturers	63CIN2960G48	\$ 5,518.20
CISCO 3550 24 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550	\$ 3,357.50
CISCO 3550 48 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550-48	\$ 5,355.00
Cisco Catalyst 3560-24PS SMI PoE	Additional Component	Various Manufacturers	63CIN3560-24PS	\$ 4,332.28
48 PORT 3560 SWITCH CISCO	Additional Component	Various Manufacturers	63CIN3560-48	\$ 6,174.40
CISCO CATALYST 3560-24PS	Additional Component	Various Manufacturers	63CIN356024PS	\$ 3,950.80
SWITCH , ETHERNET 48 PORT POE CISCO	Additional Component	Various Manufacturers	63CIN3750G	\$ 16,660.00
MODULE, EXPANSION CISCO GIGABIT ETHERNET 4 PORTS	Additional Component	Various Manufacturers	63CIN51202941	\$ 637.50
SWITCH, 300 SERIES, MANAGED SG 300 - 10P CISCO	Additional Component	Various Manufacturers	63CIN51204519	\$ 603.50
AIRONET 1130AG SERIES WAP CISCO	Additional Component	Various Manufacturers	63CINAIRAP11	\$ 731.00
12 SWITCH CISCO	Additional Component	Various Manufacturers	63CINC295012	\$ 1,003.00
CISCO SMARTNET 8X5XNBD-SMS-1	Additional Component	Various Manufacturers	63CINCONSNTSMS	\$ 1.45
GBIC TRANSCEIVER MODULE, 1000BASE-LX 1000BASE-LH PLUG II	Additional Component	Various Manufacturers	63CING5486	\$ 1,202.85
GBIC, MINI SFP TRANSCEIVER MODULE, 1000 BASE-LZ, 1000 BASE	Additional Component	Various Manufacturers	63CINGLCLHSM	\$ 1,020.00
GBIC 100 BASE-SX	Additional Component	Various Manufacturers	63CINGLCSXMM	\$ 382.50
LINKSYS TRANSC MOD SFP GB EN CISCO	Additional Component	Various Manufacturers	63CINMGBSX1	\$ 214.20

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Item Description	Item Type	Manufacturer	Model	Cost
FLEX PVC 1 1/2 L/T 4T (PER/FT) CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLN1501010	\$ 2.99
FLEXCONN, 1 1/2 STR L/T CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLNLT43H	\$ 29.04
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CON2CZYLSIC	\$ 0.31
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CONMPN2CZLORBER	\$ 0.44
ROPE 3/16" X 1000 CONDUIT FISH LINE	Additional Component	Various Manufacturers	63CRN02398	\$ 52.70
ANCHOR KIT - CONCRETE CHATSWORTH	Additional Component	Various Manufacturers	63CWN40604003	\$ 14.40
DRIVE RINGS 1 1/4 INCH	Additional Component	Various Manufacturers	63DMN30-00807	\$ 0.53
SCREW,V4 X 1 RND HEAD DOTTIC	Additional Component	Various Manufacturers	63DON1/4SCREW	\$ 0.18
WASHER, 1/4 X 1 WASHER DOTTIC	Additional Component	Various Manufacturers	63DON1/4WASHER	\$ 0.12
CONDUIT CLIP 1/2-3/4	Additional Component	Various Manufacturers	63ECN812M	\$ 0.33
FLEX LIQ TIGHT CONDUIT	Additional Component	Various Manufacturers	63EFNEF11-GRY	\$ 0.73
DC EMT SET-SCREW CONN 4-INCH	Additional Component	Various Manufacturers	63EPN239-DC2	\$ 4.63
PLASTIC INSUL BUSHING 4-INCH	Additional Component	Various Manufacturers	63EPN330	\$ 4.63
J - HOOK ASSEMBLED TO HAMMER ON FLANGE ERICO	Additional Component	Various Manufacturers	63ERNCAT2124	\$ 4.73
J - HOOK ASSEMBLED W/ BEAM CLAMP ERICO	Additional Component	Various Manufacturers	63ERNCAT32BC	\$ 6.10
COPPERBND GRND ROD 5/8X8	Additional Component	Various Manufacturers	63ETN615880	\$ 11.00
66 / 110 TERMINATION BLADE FLUKE NETWORKS	Additional Component	Various Manufacturers	63FLN0178600	\$ 45.80
66 BLADE / DULL FLUKE NETWORKS, INC.	Additional Component	Various Manufacturers	63FLN10056000	\$ 29.60
JUNCTION BOX (2 PC)	Additional Component	Various Manufacturers	63GBN3510IW-A	\$ 6.66
WIREMOLD FLUSH DUAL FACEPLATE	Additional Component	Various Manufacturers	63GBN5507FRJ	\$ 4.10
WIREMOLD BUSHING	Additional Component	Various Manufacturers	63GBN702	\$ 0.43
BLACK RUBBER FLOOR GUARD	Additional Component	Various Manufacturers	63GBNBK1400-10	\$ 2.41
HOOK, DRIVE 4 3/4"	Additional Component	Various Manufacturers	63GBNC2050190	\$ 1.50
C5 CLIPS (GOES ON 110 BLOCK)	Additional Component	Various Manufacturers	63GBNGB110-C5	\$ 7.65
A-B-SWITCH	Additional Component	Various Manufacturers	63GBNGB477	\$ 17.00
SCREWS 8 X 3/4 PAN HD TAPPING	Additional Component	Various Manufacturers	63GBNJTS20	\$ 0.05
CAT 6 RJ45 TO 110 CORD	Additional Component	Various Manufacturers	63GBNRJ45	\$ 27.20
WIREMOLD STEEL BOX	Additional Component	Various Manufacturers	63GBNV5744	\$ 22.10
WIREMOLD STEEL BOX -2 1/4 " DEEP	Additional Component	Various Manufacturers	63GBNV5744S	\$ 18.67
WIREMOLD STEEL RACEWAY	Additional Component	Various Manufacturers	63GBNV700	\$ 1.70
WIREMOLD MOUNTING STRAP	Additional Component	Various Manufacturers	63GBNV704	\$ 0.54
WIREMOLD CONNECTION COVER	Additional Component	Various Manufacturers	63GBNV706	\$ 0.58
WIREMOLD FLAT ELBOW	Additional Component	Various Manufacturers	63GBNV711	\$ 1.96
WIREMOLD INTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV717	\$ 2.55
WIREMOLD EXTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV718	\$ 2.38
F CONNECTORS FOR PVC RG6 COAX	Additional Component	Various Manufacturers	63GINGF6AHS	\$ 0.63
TONE TEST SET GENERATOR W/mOD CORD & CLIPS GREENLEE	Additional Component	Various Manufacturers	63GRN166855	\$ 56.10
SQUARE COVER 4" FOR SINGLE DEVICE	Additional Component	Various Manufacturers	63GRN52CO	\$ 1.02

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
FISH RODS / STICKS GREENLEE	Additional Component	Various Manufacturers	63GRN54015	\$ 74.58
FLEX LIQUID TIGHT CONDUIT 3/4	Additional Component	Various Manufacturers	63GRNEF12GRY3/4	\$ 0.77
CONDUIT STRAP 3/4 1H STL	Additional Component	Various Manufacturers	63GRNHS102	\$ 0.37
2" STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN2EMT	\$ 2.41
ELBOW, 90 DEGREE 2"	Additional Component	Various Manufacturers	63GVN2EMTELL	\$ 7.29
3 " STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN3EMT	\$ 4.78
ELBOW, 90 DEGREE 3"	Additional Component	Various Manufacturers	63GVN3EMTELL	\$ 26.49
RENTAL OF 1000' FISHTAPE	Additional Component	Various Manufacturers	63HANFISHTAPE	\$ 255.00
CUBICLE JACK HOUSING PLATE	Additional Component	Various Manufacturers	63HBNHMR-BBK	\$ 3.13
BEZEL FOR FLOOR BOXES, GRAY - KIT (10-PK)	Additional Component	Various Manufacturers	63HBNHWM2KGY10	\$ 15.62
CEILING FITTING HUBBELL	Additional Component	Various Manufacturers	63HBNMT134CF	\$ 4.35
1 GANG BOX STANDARD MT3 HUBBELL	Additional Component	Various Manufacturers	63HBNMT345BA	\$ 5.20
MEDIA TRACK 3 7' HUBBELL	Additional Component	Various Manufacturers	63HBNMT3ABC7	\$ 1.70
1 GANG STD BOX 1.78IN D HUBBELL	Additional Component	Various Manufacturers	63HBNMT678SB	\$ 6.05
CONDUIT ADAPTERS	Additional Component	Various Manufacturers	63HBNMT67CACF	\$ 5.41
MEDIA TRACK 6 (RACEWAY) 7' LENGTH	Additional Component	Various Manufacturers	63HBNMT6ABC7	\$ 2.13
BASE AND COVER W/ ADHESIVE 7 FT MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8ABC7	\$ 27.81
FITTING END CAP MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EC	\$ 1.70
ELBOW FTNG EXT B C MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EEBC	\$ 5.63
FLAT ELBOW BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8FEBC	\$ 5.42
ELBOW, INTR BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8IEBC	\$ 5.42
SPLICE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8SC	\$ 1.02
BOX, POLYTRAK 1 - G 1.78D STD HUBBELL	Additional Component	Various Manufacturers	63HBNPDB12S	\$ 6.78
CEILING CONDUIT LANTRAK HUBBELL	Additional Component	Various Manufacturers	63HBNPLP1CACF	\$ 5.78
BEZEL FOR WALKER FLOOR BOXES FOR HUBBELL JACKS	Additional Component	Various Manufacturers	63HBNRFB2ABSS	\$ 15.30
NM4/12 FLUSH ENCLOSURE	Additional Component	Various Manufacturers	63HENC FM12126	\$ 408.00
Firestop cartridge Hilti	Additional Component	Various Manufacturers	63HIN259580	\$ 22.67
PULL BOX 12 X 12 NO K HOFFMAN ENGINEERING	Additional Component	Various Manufacturers	63HONASG12	\$ 26.08
PULL BOX 24" X 18" X 6" HOFFMAN ENGINEERING CO.	Additional Component	Various Manufacturers	63HONASG24	\$ 85.00
FLOOR BOX W/RECPT PEDESTAL	Additional Component	Various Manufacturers	63HVNSC3091	\$ 86.96
FISHTAPE - 1/4" 100 FT./CASE	Additional Component	Various Manufacturers	63ID31063	\$ 2.29
FISH TAPE 200 FT 1/4"	Additional Component	Various Manufacturers	63IDN31-065	\$ 386.31
LUBRICANT IDEAL YELLOW - 77 5 GALLON	Additional Component	Various Manufacturers	63IDN31-375	\$ 98.60
LUBRICANT YELLOW-77 IDEAL (1-GAL) WIRE PULLING	Additional Component	Various Manufacturers	63IDN31351	\$ 26.57
RIVETS FOR WALL MOUNT ENDPOINT	Additional Component	Various Manufacturers	63INN808.1503	\$ -
SCREWS, ITW TAPCON 1/4" X 1 3/4"	Additional Component	Various Manufacturers	63ITNCSH-20	\$ 0.37
COUPLING DUPLEX ST LEVITON	Additional Component	Various Manufacturers	63LEN412912TI	\$ 18.94
COUPLING DUPLEX SC LEVITON	Additional Component	Various Manufacturers	63LEN41291PCI	\$ 35.97

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Item Description	Item Type	Manufacturer	Model	Cost
BLANK MODULE 2 UNIT LEVITON	Additional Component	Various Manufacturers	63LEN412922BI	\$ 1.38
POWER POLE 12' 2" IVORY HUBBELL	Additional Component	Various Manufacturers	63LFN12AI	\$ 237.63
BLACK ELECTRICAL TAPE	Additional Component	Various Manufacturers	63LFN17TEMFLEX	\$ 1.04
WIREMOLD SURFACE RACERWAY	Additional Component	Various Manufacturers	63LFN2300BA+C	\$ 5.20
COVER CLIP FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2306	\$ 1.04
90 DEGREE FLAT ELBOW FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2311	\$ 2.92
T-CONNECTORS FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2315	\$ 3.57
INSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2317	\$ 3.30
OUTSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2318	\$ 2.92
1-GANG DEEP BOX, ELECTRICAL - DEPTH 1 3/4" WIDTH 3" IVORY	Additional Component	Various Manufacturers	63LFN2348-1	\$ 9.69
2-GANG DEEP WIREMOLD BOX	Additional Component	Various Manufacturers	63LFN2348-2	\$ 12.73
POWER POLES, RACEWAY 10' 5" WIREMOLD	Additional Component	Various Manufacturers	63LFN25DTP4	\$ 187.00
TAPE BLUE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BLU	\$ 4.49
TAPE BROWN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BRN	\$ 4.49
TAPE GRAY 3/4" X 66'	Additional Component	Various Manufacturers	63LFN35GRA	\$ 1.33
TAPE GREEN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35GRE	\$ 4.49
TAPE ORANGE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35ORA	\$ 4.49
TAPE RED 3/4" X 66	Additional Component	Various Manufacturers	63LFN35RED	\$ 4.49
TAPE VIOLET 3/4" X 66	Additional Component	Various Manufacturers	63LFN35VIO	\$ 4.49
TAPE WHITE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35WHI	\$ 4.49
TAPE YELLOW 3/4" X 66	Additional Component	Various Manufacturers	63LFN35YEL	\$ 4.49
WIREMOLD- 400 ADHESIVE BASE AND COVER	Additional Component	Various Manufacturers	63LFN400BA&C	\$ 2.55
COVER CLIP	Additional Component	Various Manufacturers	63LFN406	\$ 0.66
BLANK END FITTING	Additional Component	Various Manufacturers	63LFN410B	\$ 0.95
POLY PULL LINE (6500')	Additional Component	Various Manufacturers	63LFN430	\$ 46.36
WIREMOLD - 800 ADHESIVE BASE & COVER	Additional Component	Various Manufacturers	63LFN800BA&C	\$ 3.23
NM COVER CLIP WIREMOLD	Additional Component	Various Manufacturers	63LFN806	\$ 0.77
FITTING, ENTRANCE END WIREMOLD	Additional Component	Various Manufacturers	63LFN810A2	\$ 7.46
BLANK END FITTING FOR 800 WIREMOLD	Additional Component	Various Manufacturers	63LFN810B	\$ 1.34
90 DEGREE FLAT ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN811	\$ 2.99
NM TEE 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN815	\$ 4.13
INTERNAL ELBOW FOR 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN817	\$ 2.77
NM EXTERNAL ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN818	\$ 2.77
PLASTIC BUSHINGS 2" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNBUS06	\$ 0.54
PLASTIC BUSHINGS 3" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNBUS08	\$ 1.26
PLASTIC BUSHINGS 4" THOMAS BETTS CORP.	Additional Component	Various Manufacturers	63LFNBUS10	\$ 1.79
ANGLE HANGER BRACKET	Additional Component	Various Manufacturers	63LFNCATHBA	\$ 1.90
WORK MOUNTING PLATE	Additional Component	Various Manufacturers	63LFNMP1	\$ 1.94

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Item Description	Item Type	Manufacturer	Model	Cost
SPIRAL WRAP 1/2 INCH - 100' ROLL BLACK - PANDUIT	Additional Component	Various Manufacturers	63LFNSPIRALWRAP1/2	\$ 272.56
SERVICE WEDGE CLAMPS FOR 25 PR BLACKBURN	Additional Component	Various Manufacturers	63LFNW40-1	\$ 10.29
SERVICE WEDGE CLAMPS	Additional Component	Various Manufacturers	63LFNW62-1	\$ 4.15
10 X 1 ANCHOR KIT	Additional Component	Various Manufacturers	63LFNWAK14	\$ 12.60
HOUSING, EMPTY ONLY LEVITON	Additional Component	Various Manufacturers	63LVN416421	\$ 4.68
3 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416431	\$ 4.68
6 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416461	\$ 4.68
WALLPLATE, 3G IV LEVITON	Additional Component	Various Manufacturers	63LVN804111	\$ 1.45
BRIDLE RING, 2" WOOD SCREW MINERALLAC ELECTRIC	Additional Component	Various Manufacturers	63MEN648RW	\$ 1.56
3/8-16 STL DROP IN ANCHOR	Additional Component	Various Manufacturers	63MENJDI38	\$ 0.68
3/8 - 16 HEX NUT	Additional Component	Various Manufacturers	63MENJN165	\$ 0.08
SCREWS, MACHINE 1/4 - 20 X 3/8 METALLICS, INC.	Additional Component	Various Manufacturers	63MENJRM22	\$ 0.09
SCREWS, 1/4 - 20 X 1/2 R H MACH SCREW METALLICS	Additional Component	Various Manufacturers	63MENJRM99	\$ 0.11
WASHER, FLAT 3/8"	Additional Component	Various Manufacturers	63MENJSW75	\$ 0.07
SCREWS, MACHINE SPANNER FLATHEAD 4-40 X 1 1/2 DS4 MUTUA	Additional Component	Various Manufacturers	63MUN0424SMF	\$ 0.48
DRIVER, #4 (FOR USE WITH SPANNER FLAT HEAD MACHINE SCRE	Additional Component	Various Manufacturers	63MUN1D4	\$ 17.00
MINERAL WOOL NELSON	Additional Component	Various Manufacturers	63NENAA0417	\$ 16.83
FIRESTOP PILLOWS, 10 X 4 X3 NELSON	Additional Component	Various Manufacturers	63NENAA0478	\$ 10.54
FIRESTOP PILLOWS, 10 X 8 X 3 NELSON	Additional Component	Various Manufacturers	63NENAA0479	\$ 15.56
MULE TAPE 1800 LB PRE-LUBRICATED IN SEQUENCE NEPTCO	Additional Component	Various Manufacturers	63NPNWP1800P	\$ 491.30
FACEPLATES, W/LABEL CLASSIC /ANGLED 2 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL2E	\$ 3.25
Classic (angled) Faceplate w/Label 2 Port	Additional Component	Various Manufacturers	63PANCFPSL2EIY	\$ 3.25
FACEPLATES, W/ LABEL CLASSIC/ANGLED 6 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL6E	\$ 3.25
Classic (angled) Faceplate w/Label 6 Port	Additional Component	Various Manufacturers	63PANCFPSL6EIY	\$ 3.25
WIREMOLD SW/RECPT BOX	Additional Component	Various Manufacturers	63PDN62048	\$ 9.33
LT. GRAY DUCT COVER 11/2	Additional Component	Various Manufacturers	63PDNC15LG6	\$ 1.50
PANDUIT LIDS FOR 3" E-DUCT	Additional Component	Various Manufacturers	63PDNC3LG6	\$ 3.20
PANDUIT LIDS FOR 4" E-DUCT	Additional Component	Various Manufacturers	63PDNC4LG6	\$ 3.88
DROP CEILING FITTING	Additional Component	Various Manufacturers	63PDNDCF5EIX	\$ 2.38
LT. GRAY DUCT .5 X 1	Additional Component	Various Manufacturers	63PDNE15X1G6	\$ 6.34
PANDUIT 3 X 3 E-DUCT - COMES IN 6' PIECES	Additional Component	Various Manufacturers	63PDNE3X3LG6	\$ 11.00
PANDUIT 4 X 4 E-DUCT	Additional Component	Various Manufacturers	63PDNE4X4LG6	\$ 16.92
TYPE G SLOT DUCT LT GRAY PANDUIT	Additional Component	Various Manufacturers	63PDNG15X15	\$ 6.68
VELCRO WRAP, PANDUIT 75' ROLL	Additional Component	Various Manufacturers	63PDNHLS75RO	\$ 110.08
RACEWAY BOX 1G BASE & COVER	Additional Component	Various Manufacturers	63PDNJB43510E1A	\$ 6.66
6' ADHESIVE BACK FOR 25 PAIR	Additional Component	Various Manufacturers	63PDNLD3EI6-A	\$ 2.52
RACEWAY 6' LATCH DUCT	Additional Component	Various Manufacturers	63PDNLD5E16A	\$ 2.74
DISTRIBUTION RING LARGE 5.12"	Additional Component	Various Manufacturers	63PENGB-13B	\$ 2.50



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Item Description	Item Type	Manufacturer	Model	Cost
SPOOLS W/SCREW	Additional Component	Various Manufacturers	63PENGB-20	\$ 0.99
DISTRIBUTION RING 4 " METAL	Additional Component	Various Manufacturers	63PENS14754	\$ 1.75
TY-WRAP BLACK 8 INCHES	Additional Component	Various Manufacturers	63PRN50R-COW	\$ 0.03
1-GANG DRY TITE BOX	Additional Component	Various Manufacturers	63RDNDIH3-1-W	\$ 4.11
SUSPENSION CLAMP 5 5/8" RELIABLE	Additional Component	Various Manufacturers	63REN7903	\$ 6.73
STRAND VISES 1/4" FOR FIBER OPTIC AND COPPER CABLE -POLE	Additional Component	Various Manufacturers	63RPNRVP-5200	\$ 16.88
1/8" STEREO TO MONO ADAPTER	Additional Component	Various Manufacturers	63RSN2740368	\$ 5.08
72 IN MF CABLE	Additional Component	Various Manufacturers	63RSN4202362	\$ 5.08
6 1/8 PHONO PLG	Additional Component	Various Manufacturers	63RSN4202444	\$ 5.59
CONDUIT STEEL 1/2 INCH	Additional Component	Various Manufacturers	63SCN1/2-EMT	\$ 0.29
BEAM CLAMP 1/4-20TAPD	Additional Component	Various Manufacturers	63SCN500-SC	\$ 0.82
CORNING INNER DOOR LOCK KIT	Additional Component	Various Manufacturers	63SCNHDWRLOCKKIT	\$ 32.59
CONDUIT STRAP 1/2 1H	Additional Component	Various Manufacturers	63SCNHS101	\$ 0.30
EMT STRAP 1 1/4	Additional Component	Various Manufacturers	63SCNTS-104	\$ 0.88
1/2 1-INCH HIGH EMT STRAP	Additional Component	Various Manufacturers	63SCNTS101	\$ 0.27
DRY WALL SCREWS 1 INCH	Additional Component	Various Manufacturers	63SHNDWCBP100	\$ 0.07
1 AND 5/8" DRY WALL SCREWS	Additional Component	Various Manufacturers	63SHNDWCBP163	\$ 0.10
ORANGE LASTING HINGED COVER	Additional Component	Various Manufacturers	63SMNMC4LH-9	\$ 3.93
2X2 SLOTTED DUCT GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGCV	\$ 1.99
2X2 DUCT SLOTTED GRAY BASE 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGRY	\$ 6.92
TY-WRAP 12 INCH NATURAL	Additional Component	Various Manufacturers	63SPN401C9-11	\$ 0.05
CABLE TIE MOUNT, BUTTONS	Additional Component	Various Manufacturers	63SPNCTM2CO	\$ 0.58
CABLE TIE MOUNT, BUTTONS #10	Additional Component	Various Manufacturers	63SPNCTM3CO	\$ 0.88
CABLE ANALYZER	Additional Component	Various Manufacturers	63SPNDTX1800120	\$ 10,196.60
IVORY RACEWAY 3/4 W/ADHESIVE	Additional Component	Various Manufacturers	63SPNPTSR116A	\$ 1.53
IVORY RACEWAY 11/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR21-6A	\$ 2.19
IVORY RACEWAY 13/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR31-8A	\$ 3.15
RACEWAY SPLICE COVER 13/4	Additional Component	Various Manufacturers	63SPNSR3I14	\$ 1.75
RACEWAY TEE COVER 13/4	Additional Component	Various Manufacturers	63SPNSR3I211	\$ 1.92
RACEWAY EXT CORNER 13/4	Additional Component	Various Manufacturers	63SPNSR3I291	\$ 3.43
RACEWAY INT CORNER 13/4	Additional Component	Various Manufacturers	63SPNSR3I331	\$ 1.92
RACEWAY END CAP 13/4	Additional Component	Various Manufacturers	63SPNSR3I36	\$ 1.75
RACEWAY ELBOW 13/4	Additional Component	Various Manufacturers	63SPNSR3W251	\$ 1.92
JUNCTION BOX 11/4 IVORY	Additional Component	Various Manufacturers	63SPNSRI-JB1	\$ 5.90
RACEWAY JUNCTION BOX 2-INCH D	Additional Component	Various Manufacturers	63SPNSRIJB2	\$ 6.24
2 PORT SURFACE MT UNLOADED M SERIES IVORY SYSTMX	Additional Component	Various Manufacturers	63SYNM102SMBB246	\$ 4.37
FLEX CONN 1/2 INS L/T	Additional Component	Various Manufacturers	63TBN5332	\$ 3.00
SCREW MOUNT FOR CABLE TIES (500/PKG) #8 SCREW	Additional Component	Various Manufacturers	63TBN5MNY001	\$ 0.06

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Item Description	Item Type	Manufacturer	Model	Cost
HORSESHOE, PLASTIC FOR FIBER OPTIC CABLE 24/STRAND	Additional Component	Various Manufacturers	63TCNFOS12PT	\$ 55.18
RACK MT 12 OUTLET STRIP TRIPLITE	Additional Component	Various Manufacturers	63TLNRS-1215	\$ 55.25
RACEWAY WHITE 10' SECTION WIREMOLD	Additional Component	Various Manufacturers	63WIN700WH	\$ 25.50
STRAP, MOUNTING WHITE WIREMOLD	Additional Component	Various Manufacturers	63WIN704WH	\$ 0.70
IN-LINE BRACKET WIREMOLD	Additional Component	Various Manufacturers	63WMN5407T-WH	\$ 8.81
BOX SHALLOW METAL SW/RECEPTACLE	Additional Component	Various Manufacturers	63WMN5748S	\$ 6.52
CONNECTOR 1/2 BOX	Additional Component	Various Manufacturers	63WMN5781	\$ 3.05
Power Pole 15' 5"	Additional Component	Various Manufacturers	63WMNAMTC-415	\$ -
GRAY RECT RCPT COVER	Additional Component	Various Manufacturers	63WMNG4048R	\$ 8.77
STRAP IVORY 500 SERIES	Additional Component	Various Manufacturers	63WMNV504	\$ 0.29
90 DEGREE FLAT ELBOW 500 SER	Additional Component	Various Manufacturers	63WMNV511	\$ 1.51
INTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV517	\$ 2.03
EXTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV518	\$ 1.90
SUPPORTING CLIP IV 500 SERIES	Additional Component	Various Manufacturers	63WMNV5703	\$ 0.58
WIREMOLD 1 3/8" BOX	Additional Component	Various Manufacturers	63WMNV5747	\$ 7.31
9-OUTLET SURGE SUPPRESSOR	Additional Component	Various Manufacturers	64ANNAPCNET9RM	\$ 149.60
A.C.SURGE POWER STRIP (NET 7)	Additional Component	Various Manufacturers	64APN900.0635	\$ 25.50
SURGE STATION 8 A.C. STRIP	Additional Component	Various Manufacturers	64APN900.5769	\$ 34.00
APC RACK MOUNT 9-OUTLET A.C.	Additional Component	Various Manufacturers	64APNNET-9-RM	\$ 132.60
MODEM/POWER PROTECTOR	Additional Component	Various Manufacturers	64APNPTS01	\$ 20.40
POWER STRIP 19" FLUSH 15A 8 OUTLET RACK MT CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816701	\$ 135.46
POWER STRIP, HORIZONTAL 15A 8 OUTLET, SURGE CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816703	\$ 142.80
POWER STRIP 10 OUTLET GEIST	Additional Component	Various Manufacturers	64GENSP10410	\$ 168.30
10 OUTLET POWER STRIP HUBBELL	Additional Component	Various Manufacturers	64HBNHPWPWRTSTLNS	\$ 219.30
POWER STRIP W/ 8 OUTLETS	Additional Component	Various Manufacturers	64MIN9010528	\$ 27.20
SURGE STRIP 1U 20A	Additional Component	Various Manufacturers	64TLN2SOBAR12	\$ 139.40
SURGE STRIP 12 OUTLET	Additional Component	Various Manufacturers	64TLNISOBAR12	\$ 139.40
12 PR PROTECTOR UNIT 66/IN 66/OUT CIRCA TELE	Additional Component	Various Manufacturers	65CIN2612QC	\$ 155.55
MODULES, PROTECTOR FOR PROTECTOR UNIT 5/PIN BLK 350 VOL	Additional Component	Various Manufacturers	65CIN4B1E	\$ 5.02
12 PAIR GAS STATION PROTECTOR OUTDOOR ENCLOSURE CIRCA	Additional Component	Various Manufacturers	65CIN51212G	\$ 184.59
LIGHTNING PROTECTION KIT	Additional Component	Various Manufacturers	65EGNSN920LPK	\$ 85.00
RJ45 45 T-1 PROTECTOR IN/OUT	Additional Component	Various Manufacturers	65OCNRJDP48C	\$ 56.10
LINE PROTECTOR, ANALOG 6-AP, BLACK ONEAC	Additional Component	Various Manufacturers	65ONN6AP	\$ 21.86
6-PAIR GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	65REN66C16VS	\$ 108.78
J-HOOK WITH ANGLE BRACKET	Additional Component	Various Manufacturers	66CFNCAT32AB	\$ 3.42
J-HOOKS 4"	Additional Component	Various Manufacturers	66CFNCAT64	\$ 7.29
9 VOLT BATTERY ENERGIZER - 8/PK	Additional Component	Various Manufacturers	66EVN782-035	\$ 2.48
AA BATTERY - 24/PK	Additional Component	Various Manufacturers	66EVN782-049	\$ 0.82

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Item Description	Item Type	Manufacturer	Model	Cost
AAA BATTERY ENERGIZER - 18/PK	Additional Component	Various Manufacturers	66EVN782-058	\$ 0.88
BATTERIES 1.5V D SERIES	Additional Component	Various Manufacturers	66EVNPC1300D	\$ 1.21
STN MDF PANEL & CABLE FOR EXECUTONE	Additional Component	Various Manufacturers	66EXNPNL/CBL	\$ 85.00
UNIV CONTNUTY TESTER, SC,ST,FC	Additional Component	Various Manufacturers	66FSNF15000U	\$ 83.79
CONDUIT STEEL 4 INCH EMT	Additional Component	Various Manufacturers	66GBN4-EMT	\$ 8.96
HANDSET Y SPLITTER	Additional Component	Various Manufacturers	66RSN477-153	\$ 16.29
TAIL, MALE TO FEMALE 25 PR 50' GRAY	Additional Component	Various Manufacturers	69ATN253PC50	\$ 69.31
FEMALE TAIL ASSY 25 FOOT	Additional Component	Various Manufacturers	69INN25CX25	\$ 14.88
FEMALE TAIL OPEN END 50 FEET	Additional Component	Various Manufacturers	69KWN25CC50	\$ 30.18
PRE-MADE 15' FEMALE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE15	\$ 26.91
25' FEMALE PRE-MADE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE25	\$ 43.25
15' MALE TAIL ONE END	Additional Component	Various Manufacturers	69KWNMALE-15	\$ 21.78
MALE TAIL 25 PAIR 25' SINGLE ENDED	Additional Component	Various Manufacturers	69KWNMALE25	\$ 38.06
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSN25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSN25/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92

# Medium PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
BATTERY BACK UNIT MAIN 1-CAB+	Additional Component	Various Manufacturers	23APNSU750XL	\$ 576.00
RACK MOUNT BATTERY BACK UP UNIT 1000XA	Additional Component	Various Manufacturers	23APNSUA1000RM2U	\$ 899.99
APC SMART UPS 1000 VA XL RUN	Additional Component	Various Manufacturers	23APNSUA1000XL	\$ 763.20
RACK MT A.P.C. BATTERY B/U	Additional Component	Various Manufacturers	23APNSUA1500RM	\$ 1,017.00
APC SMART UPS RK MT 2200VA	Additional Component	Various Manufacturers	23APNSUA2200RM2U	\$ 1,345.41
Smart U.P.S. Rack Mount Battery Back-Up Unit 2200VA, 120V, 3U	Additional Component	Various Manufacturers	23APNSUA2200RMXL3U	\$ 1,608.33
APC SMART UPS BATTERY PAK	Additional Component	Various Manufacturers	23APNSUA24XLBP	\$ 448.50
APC SMART UPS BATTERY PACK RACK MOUNT	Additional Component	Various Manufacturers	23INNSU24R2XLBP	\$ 675.90
Monthly Maintenance per Voice Mail Port	Additional Component	ET&T	ETT-Maintenance-VM	\$ 17.00
Monthly Maintenance per System Port	Additional Component	ET&T	ETT-Maintenance-Port	\$ 4.00
Monthly Maintenance per Phone	Additional Component	ET&T	ETT-Maintenance-Phone	\$ 6.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
ET&T offers two PBX Solutions. Each Solution provides the requirements for Small, Medium and Large configurations and therefore duplicated on each Tab.				
SCM (IPX-S500)S500	Base System	Samsung	IPX-S500/XAR	\$ 10,000.00
Samsung SIP Phone User License# of Users 1 ~ 500	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 140.00
Samsung SIP Phone User License# of Users 501 ~ 1000	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 130.00
Samsung SIP Phone User License# of Users 1001 ~	Expansion Configuration	Samsung	IPX-LUSR/XAR	\$ 120.00
Samsung Softphone User LicenseSoftphone License	Expansion Configuration	Samsung	IPX-LSWP/STD	\$ 110.00
Samsung Mobile Softphone User LicenseMobile Softphone License	Expansion Configuration	Samsung	IPX-LSMP/STD	\$ 110.00
3rd Party SIP phone User License3rd Party SIP Phone License	Expansion Configuration	Samsung	IPX-L3PP/STD	\$ 110.00
Analog Phone(Gateway) User LicenseAnalog phone License	Expansion Configuration	Samsung	IPX-LAPL/STD	\$ 60.00
High Availability(active-standby)High Availability / Redundancy	Expansion Configuration	Samsung	IPX-LASR/STD	\$ 4,600.00
Meet-me Conference Channel License# of Meet-ME Conf ch (~64)	Expansion Configuration	Samsung	IPX-LCNF/STD	\$ 180.00
UMS Channel License# of UMS ch (~64)	Expansion Configuration	Samsung	IPX-LUMS/STD	\$ 210.00
3rd Party SIP Phone Communicator User LicenseCommunicator (Desktop)	Expansion Configuration	Samsung	IPX-L3CM/STD	\$ 30.00
Other CSTA ApplicationCSTA Link License	Expansion Configuration	Samsung	IPX-LCTL/STD	\$ 20,000.00
SIP Application Server	Additional Component	Samsung	IPX-SIP-ASVR	\$ 2,700.00
SIP Application Channel3rd Party Application License via SIP	Additional Feature	Samsung	IPX-LSIP/STD	\$ 20.00
iBG3026iBG-3026A+Advanced SNOS+PWR code	Expansion Configuration	Samsung	IBG-3026A + IBG-S3A100 +IBG-CA	\$ 8,550.00
iBG2016iBG-2016A+Advanced SNOS+PWR code	Expansion Configuration	Samsung	IBG-2016A + IBG-S2A100 +IBG-CA	\$ 3,690.00
iBG2006iBG-2006A+Advanced SNOS	Expansion Configuration	Samsung	IBG-2006B + IBG-S1A100 +IBG-CA	\$ 2,560.00
iBG1003D41003 w/AC PWR, 2T1/E1PRI+4FXS+DSP64ch	Expansion Configuration	Samsung	IBG-1003D4/XAR	\$ 3,030.00
iBG1003AG1003 w/AC PWR, 16FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003AG/XAR	\$ 2,870.00
iBG1003A81003 w/AC PWR, 8FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003A8	\$ 2,400.00
iBG1003A41003 w/AC PWR, 4FXS+2FXO+DSP64ch	Expansion Configuration	Samsung	IBG-1003A4	\$ 2,250.00
24FXS Extension24 port FXS Extension Box	Expansion Configuration	Samsung	IBG-AFXS24	\$ 930.00
2T1E1PRI 2Port Mini Module	Expansion Configuration	Samsung	IBG-MTE2M	\$ 770.00
24FXS Network cardFXS 24Port Network Card	Expansion Configuration	Samsung	IBG-NFXS24	\$ 1,860.00
FXS-4E4 FXS module for 24 port Network Card	Expansion Configuration	Samsung	IBG-MFXS4E	\$ 620.00
4FXO4Port FXO Mini Module	Expansion Configuration	Samsung	IBG-MFXO4M	\$ 620.00
4FXS4Port FXS Mini Module	Expansion Configuration	Samsung	IBG-MFXS4M	\$ 620.00
VOP128DSP 128Ch	Expansion Configuration	Samsung	IBG-IVP128	\$ 3,680.00
VOP64DSP 64Ch	Expansion Configuration	Samsung	IBG-IVOP64	\$ 1,990.00
Switch w/o PoE24Port PoE 10/100M Ethernet Switch	Additional Component	Samsung	IES-4028F/XAR	\$ 620.00
Switch w PoE24Port PoE 10/100M Ethernet Switch (PoE)	Additional Component	Samsung	IES-4028FP/XAR	\$ 1,240.00
SMT-i3105SIP Phone	Additional Component	Samsung	SMT-i3105D/XAR	\$ 170.00
SMT-i5210SIP Phone	Additional Component	Samsung	SMT-i5210D/XAR	\$ 330.00
SMT-i5230SIP Phone	Additional Component	Samsung	SMT-i5230D/XAR	\$ 460.00
SMT-i5243SIP Phone	Additional Component	Samsung	SMT-i5243D/XAR	\$ 660.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
SMT-i526464 Button AOM	Additional Component	Samsung	SMT-i5264D/XAR	\$ 370.00
Professional Services - Plan, Design & Optimize				
TRAFFIC ENGINEERING	Additional Component	ET&T	E53000237T	\$ 167.00
CUSTOM APPLICATIONS Material	Additional Component	ET&T	E53000340T	\$ 1.00
CUSTOM DEVELOPMENT SOLUTION	Additional Component	ET&T	E53000341T	\$ 1.00
Per Diem - Custom Development	Additional Component	ET&T	E53000345T	\$ 300.00
Professional Services - Remote Monitoring				
Remote Monitoring Appliance	Additional Component	ET&T	E51301175T	\$ 295.00
MiCD/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003165T	\$ 1.00
5000/MCD Monitoring /mth - 1 yr	Additional Component	ET&T	E53003170T	\$ 1.00
MAS/App Monitoring /mth - 1 yr	Additional Component	ET&T	E53003175T	\$ 1.00
Remote Monitoring Access Lic /mth- 1 yr	Additional Component	ET&T	E53003190T	\$ 1.00
RMAS Remote Diagnostic/Fix per year	Additional Component	ET&T	E53003308T	\$ 500.00
Support Services				
Custom Applications Software Support	Additional Feature	ET&T	E53000342T	\$ 1.00
Misc Hardware for Installation	Additional Component	ET&T	E388388T	\$ 1.00
MITEL COMMUNICATIONS DIRECTOR (MCD)				
3300 ICP CONTROLLERS				
Description			Part Number	
3300 CX II Controller	Base System	Mitel	50006093	\$ 1,500.00
3300 CXi II Controller	Base System	Mitel	50006094	\$ 2,500.00
3300 CX(i) 8G SATA SSD	Base System	Mitel	50006266	\$ 150.00
3300 MXe III Controller 32G SATA SSD	Base System	Mitel	50006268	\$ 440.00
3300 MXe III Controller	Base System	Mitel	50006269	\$ 3,000.00
3300 160G SATA HDD 2 pack(Cntr-Server)	Base System	Mitel	50006489	\$ 200.00
AX Controller	Base System	Mitel	50006507	\$ 3,000.00
3300 AX 2G&4G Flash SSD	Base System	Mitel	50006509	\$ 100.00
3300 MXe III 160G SATA HDD	Base System	Mitel	50006513	\$ 100.00
3300 ICP PACKAGES				
3300 User Controller 1400	Expansion Configuration	Mitel	52002541	\$ 8,000.00
3300 CX Media Gateway	Expansion Configuration	Mitel	52002544	\$ 4,760.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
3300 MXe Media Gateway	Expansion Configuration	Mitel	52002545	\$ 10,880.00
3300 Analog User Controller	Expansion Configuration	Mitel	52002546	\$ 3,750.00
3300 CX Analog Survivable Branch Office	Expansion Configuration	Mitel	52002547	\$ 2,380.00
3300 CXi Analog Survivable Branch Office	Expansion Configuration	Mitel	52002548	\$ 3,380.00
3300 Gateway s/w pkg (64 Devices)	Expansion Configuration	Mitel	54002536	\$ 3,000.00
3300 CXi Survivable Branch Office - 64 DEV	Expansion Configuration	Mitel	54004610	\$ 2,160.00
MCD SYSTEM SOFTWARE				
Description			Part Number	
MCD SW Pkg for MXe Server and Industry Std Servers - 64 Dev	Additional Component	Mitel	54003611	\$ 1,250.00
MCD Enterprise Software for ISS	Additional Component	Mitel	54004962	\$ 3,000.00
MCD Standalone PBX Software	Additional Component	Mitel	54004971	\$ 1,500.00
MCD Enterprise PBX Software	Additional Component	Mitel	54004973	\$ 3,000.00
3300 Upgrade to ISS	Additional Component	Mitel	54005062	\$ 1,000.00
MCD VMWare VApp Base License Kit	Additional Component	Mitel	54005091	\$ 2,500.00
MCD Standalone Software for ISS	Additional Component	Mitel	54005111	\$ 1,500.00
3300 to Virtual MCD Conversion	Additional Component	Mitel	54005366	\$ 2,500.00
Virtual MCD	Additional Component	Mitel	54005748	\$ 1,495.00
			MCD SYSTEM LICENSES	
Description			Part Number	
MCD Device licence	Additional Component	Mitel	54000294	\$ 20.00
MCD Mailbox licence	Additional Component	Mitel	54000297	\$ 50.00
MCD ACD licence	Additional Component	Mitel	54000300	\$ 120.00
MCD Digital Link Licence	Additional Component	Mitel	54000303	\$ 1,500.00
MCD XNET	Additional Component	Mitel	54000497	\$ 2,000.00
MCD IP Networking	Additional Component	Mitel	54000540	\$ 3,000.00
MCD G729 Licence (8 Channels)	Additional Component	Mitel	54000650	\$ 550.00
3300 - Advanced Voicemail Option	Additional Component	Mitel	54000860	\$ -
MCD Voicemail Hospitality PMS	Additional Component	Mitel	54000861	\$ 1,750.00
MCD Voicemail Networking	Additional Component	Mitel	54001130	\$ 2,000.00
3300 TENANTING OPTION	Additional Component	Mitel	54001490	\$ -
MCD SIP Trunk licence	Additional Component	Mitel	54002390	\$ 125.00
MCD ONS licence	Additional Component	Mitel	54002701	\$ 75.00
MCD SIP User licence	Additional Component	Mitel	54002763	\$ 125.00
MCD Remote Management	Additional Component	Mitel	54002949	\$ 900.00
MCD MLPP	Additional Component	Mitel	54002950	\$ 7,500.00
MCD T38 licence (4 Channels)	Additional Component	Mitel	54003522	\$ 550.00
MCD EXTERNAL HOTDESKING	Additional Component	Mitel	54003691	\$ 45.00
MCD Enterprise License	Additional Component	Mitel	54004975	\$ 180.00

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Item Description	Item Type	Manufacturer	Model	Cost
MCD Standard Active Agent License	Additional Component	Mitel	54005042	\$ 120.00
MCD Enterprise Active Agent License	Additional Component	Mitel	54005043	\$ 150.00
MCD Standard IQ Port License	Additional Component	Mitel	54005044	\$ 30.00
MCD Enterprise IQ Port License	Additional Component	Mitel	54005045	\$ 30.00
MCD IDS Connection License	Additional Component	Mitel	54005064	\$ 1,500.00
MCD Standalone Dynamic Extension	Additional Component	Mitel	54005065	\$ 165.00
MCD Enterprise Dynamic Extension	Additional Component	Mitel	54005066	\$ 205.00
Enterprise License Group	Additional Component	Mitel	54005330	\$ 1,000.00
10 MCD SIP Trunks	Additional Component	Mitel	54005400	\$ 1,125.00
50 MCD SIP Trunks	Additional Component	Mitel	54005401	\$ 5,000.00
			MCD USER LICENSES	
Description			Part Number	
MCD User licence	Additional Component	Mitel	54000291	\$ 180.00
MCD Standard License	Additional Component	Mitel	54004976	\$ 140.00
MCD Enterprise Multi-Device License	Additional Component	Mitel	54005328	\$ 295.00
MCD Standard Multi-Device License	Additional Component	Mitel	54005329	\$ 230.00
MCD Multi-device Suite License	Additional Component	Mitel	54005361	\$ 200.00
			3300 ICP SPARE COMPONENTS	
Description			Part Number	
3300 - 128 Channel Echo Canceller	Additional Component	Mitel	50001247	\$ 1,000.00
ICP Dual Fiber Interface Module	Additional Component	Mitel	50001248	\$ 500.00
3300/SX-200 EL/ML/ICP MX Spare Sys ID Module	Additional Component	Mitel	50002212	\$ 500.00
ICP Quad DSP Card	Additional Component	Mitel	50002979	\$ 1,200.00
Embedded Digital Trunk Module	Additional Component	Mitel	50003560	\$ 1,500.00
3300 Multi-mode Extended Dual FIM	Additional Component	Mitel	50003695	\$ 1,500.00
3300 Single-Mode Extended Dual FIM	Additional Component	Mitel	50003696	\$ 1,800.00
ICP Analogue Option Module	Additional Component	Mitel	50003725	\$ 800.00
3300 Power Dongle Rev 2 (10PK)	Additional Component	Mitel	50003734	\$ 850.00
3300 QUAD BRI MODULE	Additional Component	Mitel	50004070	\$ 750.00
Rack Mount Brackets	Additional Component	Mitel	50004150	\$ 60.00
Quad CIM Module	Additional Component	Mitel	50004451	\$ 750.00
ANALOG OPTION BOARD II	Additional Component	Mitel	50004871	\$ 600.00
3300 CX/CXi/AX/MXe I-BUTTON FRU	Additional Component	Mitel	50004920	\$ 500.00
3300 R2 NSU (110V)	Additional Component	Mitel	50004992	\$ 2,500.00
SYS ID MODULE (3300 MX/LX)	Additional Component	Mitel	50005083	\$ 500.00
MXe AC POWER SUPPLY	Additional Component	Mitel	50005084	\$ 500.00
MXe PROCESSOR	Additional Component	Mitel	50005087	\$ 2,200.00
ASU II AC POWER SUPPLY	Additional Component	Mitel	50005091	\$ 350.00



# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
4 LS PLUS 12 ONS COMBO CARD	Additional Component	Mitel	50005104	\$ 1,000.00
Analog Services Unit (ASU) II	Additional Component	Mitel	50005105	\$ 700.00
T1/E1 COMBO MMC II	Additional Component	Mitel	50005160	\$ 1,000.00
3300 AX AC POWER SUPPLY 300W	Additional Component	Mitel	50005182	\$ 500.00
Analog Main Board III	Additional Component	Mitel	50005184	\$ 600.00
3300 AX CNTR 4 GIG VM FLASH DRIVE	Additional Component	Mitel	50005441	\$ 200.00
3300 AX CNTL FAN ASSY FRU	Additional Component	Mitel	50005471	\$ 500.00
3300 MXe FAN ASSEMBLY FRU	Additional Component	Mitel	50005683	\$ 100.00
3300 HDD 2PK MXe WITH RAID FRU	Additional Component	Mitel	50005686	\$ 200.00
24 PORT ONSP CARD	Additional Component	Mitel	50005731	\$ 860.00
DSP II MMC	Additional Component	Mitel	50005751	\$ 1,200.00
3300 MXe RACK MOUNT BRACKETS	Additional Component	Mitel	50005761	\$ 100.00
3300 512MB RAM MODULE	Additional Component	Mitel	50005883	\$ 300.00
3300 2G FLASH W 512MB RAM MODULE	Additional Component	Mitel	50005981	\$ 450.00
MUSIC ON HOLD INPUT ADAPTOR	Additional Component	Mitel	50006162	\$ 40.00
PWR CRD C13 10A 250V-AUSTRALIAN	Additional Component	Mitel	50006270	\$ 15.00
PWR CRD C13 10A 125V- NORTH AMERICAN	Additional Component	Mitel	50006271	\$ 15.00
3300 MXe 32G PATA SSD	Additional Component	Mitel	50006292	\$ 785.00
MXe III Raid Sub-System	Additional Component	Mitel	50006431	\$ 2,000.00
MXe III Processor	Additional Component	Mitel	50006432	\$ 1,250.00
3300 160G SATA HDD 2pk INTL(Cntr-Server)	Additional Component	Mitel	50006489XX	\$ 200.00
AX Controller Card FRU	Additional Component	Mitel	50006508	\$ 2,000.00
3300 CX(i) II Fan Kit	Additional Component	Mitel	50006510	\$ 100.00
3300 ICP PATCH PANEL	Additional Component	Mitel	51003344	\$ 200.00
APPLICATION PROCESSOR CARD	Additional Component	Mitel	51010725	\$ 1,295.00
3300 AMB/AOB Connection Unit-America`s	Additional Component	Mitel	51300183	\$ 90.00
3300 MXE III EXPANSION KIT	Additional Component	Mitel	52002581	\$ 2,250.00
Cable RJ45 to 2 X BNC	Additional Component	Mitel	MW404AA	\$ 250.00
			UPGRADES TO MCD	
Description			Part Number	
SX-200 to MCD Standalone Upgrade Pkg	Additional Feature	Mitel	52002591	\$ 4,500.00
SX-200 to MCD Enterprise Upgrade Pkg	Additional Feature	Mitel	52002592	\$ 6,000.00
SX-2000 to MCD Rls 4.0 Upgrade Pkg.	Additional Feature	Mitel	52002660	\$ 8,000.00
3340 Branch Office Solution Upgrade (40-250 Users)	Additional Feature	Mitel	54000582	\$ 9,647.00
3300 Analog Gateway Upgrade	Additional Feature	Mitel	54001120	\$ 1,500.00
3300 MX Digital Gateway Upgrade	Additional Feature	Mitel	54001170	\$ 3,500.00
3340 GLOBAL TO 3300 ICP S/W UPGRADE	Additional Feature	Mitel	54001380	\$ 5,500.00
3300 R2 GATEWAY UPGRADE	Additional Feature	Mitel	54001381	\$ 2,500.00

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Item Description	Item Type	Manufacturer	Model	Cost
3300 CX/CXi GATEWAY UPGRADE	Additional Feature	Mitel	54002207	\$ 1,500.00
3300 LX Digital Gateway Upgrade	Additional Feature	Mitel	54002208	\$ 9,000.00
Upgrade to 200 Device integrated s/w pkg	Additional Feature	Mitel	54002541	\$ 1,785.00
Upgrade to 1400Device integrated s/w pkg	Additional Feature	Mitel	54002542	\$ 3,000.00
Upgrade to 200 device Gateway s/w pkg	Additional Feature	Mitel	54002543	\$ 1,375.00
Upgrade to 1400 device gateway s/w pkg	Additional Feature	Mitel	54002544	\$ 6,930.00
Upgrade to 500 Device Integrated S/W pkg	Additional Feature	Mitel	54002766	\$ 3,000.00
MCD UPGD TO 5000 Device Gateway S/W PKG	Additional Feature	Mitel	54002946	\$ 3,500.00
MCD Upgrd for MxServer and Industry Std Servers - 64 - 200	Additional Feature	Mitel	54003615	\$ 1,375.00
MCD Upgrd for MxServer and Industry Std Servers - 200-500	Additional Feature	Mitel	54003616	\$ 3,150.00
MCD Upgrd for MxServer and Industry Std Servers - 500-5000	Additional Feature	Mitel	54003617	\$ 7,000.00
Mailbox License - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004191	\$ -
Hospitality Option - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004192	\$ -
ONS LINE LIC-SX-200 ML/EL TO 3300	Additional Feature	Mitel	54004193	\$ -
Network Link License - SX-200 ML/EL/ICP to MCD	Additional Feature	Mitel	54004195	\$ 500.00
MCD Standalone Sys Upd to Enterprise Sys	Additional Feature	Mitel	54004964	\$ -
Standalone To Enterprise System upgrade	Additional Feature	Mitel	54004974	\$ 1.00
SX-200 IP Phone to MCD Standard User	Additional Feature	Mitel	54005241	\$ 45.00
SX-200 IP Phone to MCD Enterprise User	Additional Feature	Mitel	54005242	\$ 60.00
SX-200 to MCD Standard Active Agent	Additional Feature	Mitel	54005243	\$ 40.00
SX-200 to MCD Enterprise Active Agent	Additional Feature	Mitel	54005244	\$ 50.00
SX-2000 to 3300 ICP Digital Link Upgrade to MCD 4.0 Pkg.	Additional Feature	Mitel	54005348	\$ 500.00
SX-2000 to 3300ICP ACD Upgrade to MCD 4.0 Pkg.	Additional Feature	Mitel	54005349	\$ 40.00
			MITEL MULTI-INSTANCE COMMUNICATIONS DIRE	
			MCD BASE LICENSES AND UPLIFTS	
Description			Part Number	
MCD Enterprise S/W for MiCD	Additional Feature	Mitel	54005293	\$ 3,000.00
MCD Standalone S/W for MiCD Service Provider	Additional Feature	Mitel	54005303	\$ 1,500.00
			MCD SYSTEM SOFTWARE	
Description			Part Number	
Multi-Instance Communications Director Base Software	Additional Feature	Mitel	54004602	\$ 25,000.00
MCD Standalone S/W for MiCD Service Provider	Additional Feature	Mitel	54005303	\$ 1,500.00
			MITEL DESKTOP DEVICES	
			IP PHONES / IP CONSOLES	
Description			Part Number	
5340 IP PHONE	Additional Component	Mitel	50005071	\$ 470.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
5324 IP Phone	Additional Component	Mitel	50005664	\$ 255.00
5324 IP Phone (Red)	Additional Component	Mitel	50005667	\$ 399.00
5330 IP Phone	Additional Component	Mitel	50005804	\$ 370.00
5540 IP Console	Additional Component	Mitel	50005811	\$ 1,800.00
5312 IP Phone	Additional Component	Mitel	50005847	\$ 210.00
5360 IP Phone	Additional Component	Mitel	50005991	\$ 595.00
5320 IP Phone	Additional Component	Mitel	50006191	\$ 250.00
5320e IP Phone	Additional Component	Mitel	50006474	\$ 315.00
5330e IP Phone	Additional Component	Mitel	50006476	\$ 435.00
5340e IP Phone	Additional Component	Mitel	50006478	\$ 535.00
5550 IP Console (Global)	Additional Component	Mitel	50006490	\$ 2,500.00
5505 Guest IP Phone Cordless NA	Additional Component	Mitel	50006517	\$ 120.00
5505 Guest Cordless Handset w/Cradle NA	Additional Component	Mitel	50006518	\$ 45.00
UC360 Collaboration Point (Audio + In Room Collaboration)	Additional Component	Mitel	50006580	\$ 1,395.00
UC360 Collaboration Point (Remote Collaboration + Video)	Additional Component	Mitel	50006591	\$ 1,995.00
5304 IP Phone	Additional Component	Mitel	51011571	\$ 165.00
5360 Phone + Bluetooth Bundle	Additional Component	Mitel	52002756	\$ 735.00
			IP DESKTOP APPLICATIONS	
Description			Part Number	
Live Content Suite (For 5320/5330/5340/5360 IP Phones)	Additional Component	Mitel	51016170	\$ -
MCD HTML Application Licenses (50 Pack)	Additional Component	Mitel	54004400	\$ 500.00
MCD HTML Application Licenses (5 Pack)	Additional Component	Mitel	54004891	\$ 50.00
			PERIPHERALS	
Description			Part Number	
5485 IP Paging Unit	Additional Component	Mitel	50001754	\$ 650.00
Line Interface Module (NA)	Additional Component	Mitel	50004197	\$ 169.00
Line Interface Module (UK)	Additional Component	Mitel	50004198	\$ 169.00
5310 IP Conference Saucer - Dark Grey	Additional Component	Mitel	50004459	\$ 500.00
5310 IP Conference Module (5300 Series)	Additional Component	Mitel	50005321	\$ 150.00
Cordless (DECT) Accessories Module (Euro)	Additional Component	Mitel	50005402	\$ 220.00
Cordless (DECT) Handset w/Charging Plate (Euro)	Additional Component	Mitel	50005403	\$ 215.00
Cordless (DECT) Headset w/Charging Cradle (Euro)	Additional Component	Mitel	50005404	\$ 360.00
Cordless (DECT) Handset w/Charging Plate (NA)	Additional Component	Mitel	50005405	\$ 215.00
Cordless (DECT) Headset w/ Charging Cradle (NA)	Additional Component	Mitel	50005522	\$ 360.00
Cordless (DECT) Handset & Module Bundle (NA)	Additional Component	Mitel	50005711	\$ 325.00
Cordless (DECT) Headset & Module Bundle (NA)	Additional Component	Mitel	50005712	\$ 470.00
Cordless DECT) Handset and Module Bundle (Euro)	Additional Component	Mitel	50005713	\$ 325.00
Cordless (DECT) Headset & Module Bundle (Euro)	Additional Component	Mitel	50005714	\$ 470.00

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Item Description	Item Type	Manufacturer	Model	Cost
PKM 12-Button Kit (for 5324/5330/5340/8528/8568)	Additional Component	Mitel	50005914	\$ 250.00
PKM 48-Button Kit (for 5324/5330/5340/8528/8568)	Additional Component	Mitel	50005915	\$ 430.00
Gigabit Ethernet Stand (v2)	Additional Component	Mitel	50006371	\$ 180.00
Bluetooth Module (for Bluetooth Handset/Headset)	Additional Component	Mitel	50006402	\$ 185.00
Bluetooth Handset/Module Bundle	Additional Component	Mitel	50006441	\$ 280.00
Bluetooth Handset w/5300 Charging Plate	Additional Component	Mitel	50006442	\$ 195.00
IP DECT Stand + 5610 IP DECT Cordless Handset Bundle NA	Additional Component	Mitel	51015276	\$ 495.00
5610 IP DECT Cordless Handset Euro	Additional Component	Mitel	51015283	\$ 250.00
IP DECT Repeater NA	Additional Component	Mitel	51015284	\$ 325.00
IP DECT Repeater Euro	Additional Component	Mitel	51015285	\$ 325.00
IP DECT Repeater UK	Additional Component	Mitel	51015587	\$ 325.00
IP DECT Stand & 5610 Handset Bundle Euro	Additional Component	Mitel	51301099	\$ 495.00
5610 IP DECT Handset NA	Additional Component	Mitel	51301100	\$ 250.00
			DIGITAL PHONES	
Description			Part Number	
8528 Telephone (NA)	Additional Component	Mitel	50006122	\$ 225.00
8568 Telephone (NA)	Additional Component	Mitel	50006123	\$ 295.00
Superset 4025 Backlit, Dark Grey	Additional Component	Mitel	9132-025-202-NA	\$ 309.00
			POWER ADAPTERS	
Description			Part Number	
24VDC Power Adapter Universal, 100-240V 50-60 Hz	Additional Component	Mitel	50005300	\$ 40.00
5505 Charging Cradle Power Adapter NA	Additional Component	Mitel	50006521	\$ 7.50
Power Cord (C7) w/UK Plug for Universal Power Adapters	Additional Component	Mitel	51000582	\$ 2.55
Power Cord (C7) w/NA Plug for Universal Power Adapters	Additional Component	Mitel	51005172	\$ 5.00
Power Cord (C7) w/Australian Plug Type for Univ. Pwr Adptrs	Additional Component	Mitel	51011501	\$ 5.00
802.3af Power Adapter Universal, 48VDC 100-240VAC 50-60Hz C8	Additional Component	Mitel	51015131	\$ 40.00
5610 IP DECT Repeater Power Adapter NA FRU	Additional Component	Mitel	51015616	\$ 30.00
5610 IP DECT Repeater Power Adapter UK FRU	Additional Component	Mitel	51015617	\$ 30.00
5610 IP DECT Repeater Power Adapter Euro FRU	Additional Component	Mitel	51015619	\$ 30.00
IP DECT Stand Power Supply Universal FRU	Additional Component	Mitel	51300948	\$ 30.00
5610 Handset Charging Cradle Power Adapter Universal FRU	Additional Component	Mitel	51300949	\$ 30.00
Gb 802.3at Power Adapter Universal (90-264 VDC) (50-60 Hz)	Additional Component	Mitel	51301151	\$ 120.00
Multi-Port GigE PoE Switch, Universal (802.3at)	Additional Component	Mitel	51301282	\$ 325.00
			SPARE DESKTOP COMPONENTS	
Description			Part Number	
5310 IP Conference Unit Remote Control Mouse, Dark Grey	Additional Component	Mitel	50001543	\$ 125.00
PKM 12-Button Unit FRU (5200/5300/85x8)	Additional Component	Mitel	50002822	\$ 175.00
PKM 48-Button Unit FRU (5200/5300/85x8)	Additional Component	Mitel	50002824	\$ 390.00

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Item Description	Item Type	Manufacturer	Model	Cost
5550 IP Console Keypad Dark Grey (FRU)	Additional Component	Mitel	50003372	\$ 2,000.00
5200/5300/85x8 Series 35 Degree Angle Stand - FRU	Additional Component	Mitel	50004471	\$ 15.00
5300 Series Wideband (7 kHz) v4 Handset (25 Pack)	Additional Component	Mitel	50005230	\$ 500.00
5300/5200/85x8 Series v4 Handset (25 Pack)	Additional Component	Mitel	50005231	\$ 500.00
Cordless (DECT) Accessories Module (NA) (FRU)	Additional Component	Mitel	50005521	\$ 220.00
PKM Interface Module (v2) (FRU) (5200/5300/85x8)	Additional Component	Mitel	50005662	\$ 110.00
5302/5304 IP Phone Wall Mount Kit (Qty 16)	Additional Component	Mitel	50005663	\$ 100.00
5312 Fixed Mylar DESI Cards (25 Pack)	Additional Component	Mitel	50005852	\$ 25.00
5324 Fixed Mylar DESI Cards (25 Pack)	Additional Component	Mitel	50005853	\$ 25.00
GN Cordless Headset Cable (for 5540 Console)	Additional Component	Mitel	50006212	\$ 20.00
5360 Blank Branding Plate (Qty.100)	Additional Component	Mitel	50006222	\$ 350.00
5300 Charging Plates (DECT/BT) (10 Pack)	Additional Component	Mitel	50006443	\$ 120.00
Line Cord Translation Kit (5000 CP) (5PK)	Additional Component	Mitel	50006503	\$ 40.00
5505 Cordless Guest Handset NA (FRU)	Additional Component	Mitel	50006525	\$ 50.00
5505 Guest IP Phone Base Unit NA (FRU)	Additional Component	Mitel	50006527	\$ 110.00
5505 Handset Charging Cradle w/o Power Adapter (FRU)(2 Pack)	Additional Component	Mitel	50006529	\$ 25.00
5505 Phone Base Lens (50 Pack) (FRU)	Additional Component	Mitel	50006531	\$ 100.00
Cordless (DECT) Headset FRU (NA)	Additional Component	Mitel	50006535	\$ 250.00
Cordless (DECT) Headset FRU (Euro)	Additional Component	Mitel	50006536	\$ 250.00
HDMI Custom Cable (10 Feet) (FRU)	Additional Component	Mitel	50006587	\$ 50.00
IP PKM 12 Desi Cards (25 Pack) - FRU	Additional Component	Mitel	51005211	\$ 25.00
IP PKM 48 Desi Cards (25 Pack) - FRU	Additional Component	Mitel	51005215	\$ 25.00
IP PKM 12 Lens (25 Pack) - FRU	Additional Component	Mitel	51005219	\$ 75.00
IP PKM 48 Lens (25 Pack) - FRU	Additional Component	Mitel	51005223	\$ 75.00
5212/5312 Lens (25 Pack)	Additional Component	Mitel	51009712	\$ 50.00
5224/5324 Lens (25 Pack)	Additional Component	Mitel	51009713	\$ 50.00
5212/5224 Removable DESI Cards (25 Pack)	Additional Component	Mitel	51009714	\$ 20.00
5304 IP Phone Hospitality Kit	Additional Component	Mitel	51011572	\$ 40.00
5212/5224/5312/5324 Removable DESI Card Mitel 5000 (25 Pack)	Additional Component	Mitel	51012281	\$ 12.00
5324 Fixed Mylar DESI Card (Mitel 5000) (25 Pack)	Additional Component	Mitel	51012285	\$ 25.00
5540 Lens & Label Kit Universal (FRU)	Additional Component	Mitel	51012287	\$ 50.00
5302 / 5304 Lenses (25 Pack)	Additional Component	Mitel	51012847	\$ 25.00
5302 / 5304 DESI Cards, Blank (25 Pack)	Additional Component	Mitel	51012848	\$ 25.00
5300 Icon Labels English (MCD/SX-200 ICP) (25 Pack)	Additional Component	Mitel	51013125	\$ 50.00
5300 Icon Labels English (5000 CP) (25 Pack)	Additional Component	Mitel	51013126	\$ 50.00
8528 Lens (25 Pack)	Additional Component	Mitel	51013673	\$ 50.00
8568 Lens (25 Pack)	Additional Component	Mitel	51013674	\$ 50.00
8528 Fixed Mylar Label (25 Pack)	Additional Component	Mitel	51013675	\$ 25.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
8568 Fixed Mylar Label (25 Pack)	Additional Component	Mitel	51013676	\$ 25.00
8528/8568 Removable DESI Card (Blank) (25Pk)	Additional Component	Mitel	51013677	\$ 15.00
8528/8568 Icon Labels English (5000 CP) (25 Pack)	Additional Component	Mitel	51013678	\$ 50.00
5304 Blank Branding Plate (Qty. 200)	Additional Component	Mitel	51014825	\$ 700.00
5304 DESI Card for 5000 (25 Pack)	Additional Component	Mitel	51015279	\$ 25.00
IP DECT Stand NA, FRU	Additional Component	Mitel	51015389	\$ 350.00
IP DECT Stand Euro, FRU	Additional Component	Mitel	51015390	\$ 350.00
5610 Handset Charging Cradle Universal FRU	Additional Component	Mitel	51015402	\$ 30.00
5610 IP DECT Cordless Handset Battery Pack, FRU	Additional Component	Mitel	51015404	\$ 40.00
5610 Hndst Plastic Belt Clip FRU (25 Pk)	Additional Component	Mitel	51301725	\$ 100.00
Handset Curly Cord Dark Grey 10' (All Phones) (25 Pk) - FRU	Additional Component	Mitel	9132-800-208-NA	\$ 100.00
			MITEL DESKTOP - EXTENDED WARRANTY	
Description			Part Number	
Extended Warranty 5320e IP Phone	Additional Feature	Mitel	50006474EW60	\$ 19.00
Extended Warranty 5330e IP Phone	Additional Feature	Mitel	50006476EW60	\$ 26.00
Extended Warranty 5340e IP Phone	Additional Feature	Mitel	50006478EW60	\$ 32.00
<b>MITEL NUPOINT MESSENGER (NP) - CONFIGURATIONS</b>				
<b>NUPOINT STANDARD EDITION (NP-STD)</b>				
Description			Part Number	
NP-Std. Pers Call Dir, unlimited users	Additional Feature	Mitel	54002376	\$ 7,500.00
NP-Std. Adv UM, unlimited users.	Additional Feature	Mitel	54002984	\$ 30,000.00
NP-Std. Adv UM, sys. enablement	Additional Feature	Mitel	54002985	\$ 2,000.00
NP-Std. Std UM, unlimited users.	Additional Feature	Mitel	54004113	\$ 15,000.00
NP-Std. Base s/w. Current release.	Additional Feature	Mitel	54004114	\$ 4,600.00
NP-Std. Unlimited outbound fax users.	Additional Feature	Mitel	54004115	\$ 5,000.00
NP-Std. Std UM to Adv UM, unlimited users	Additional Feature	Mitel	54004687	\$ 15,000.00
NP-Std. Converts NP-Std to virtual NP	Additional Feature	Mitel	54005499	\$ 2,900.00
			STANDARD EDITION (NP-STD) OR SINGLE SERVER	
Description			Part Number	
NP-Std/SS. 8 port uplift to 9-32 ports	Additional Feature	Mitel	54002986	\$ 3,000.00
NP-Std/SS. 8 port uplift to 33-64 ports	Additional Feature	Mitel	54002987	\$ 4,000.00
NP-Std/SS. 2 port uplift to 9-32 ports	Additional Feature	Mitel	54003191	\$ 750.00
NP-Std/SS. 2 port uplift to 33-64 ports	Additional Feature	Mitel	54003192	\$ 1,000.00
vNP. vNupoint Base s/w license. Current release.	Additional Feature	Mitel	54005498	\$ 7,500.00

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Item Description	Item Type	Manufacturer	Model	Cost
			NUPOINT SINGLE SERVER (NP-SS)	
Description			Part Number	
NP- SS HP DL380G7 Server	Additional Feature	Mitel	51300858	\$ 9,700.00
NP-SS. 8 port uplift to 65-96 ports	Additional Feature	Mitel	54002988	\$ 5,000.00
NP-SS. 8 port uplift to 97-120 ports	Additional Feature	Mitel	54002989	\$ 6,000.00
NP-SS. 2 port uplift to 65-96 ports	Additional Feature	Mitel	54003193	\$ 1,250.00
NP-SS. 2 port uplift to 97-120 ports	Additional Feature	Mitel	54003194	\$ 1,500.00
NP-SS. Base s/w. Current release.	Additional Feature	Mitel	54003571	\$ 7,500.00
Nupoint SS to vNupoint Conversion	Additional Feature	Mitel	54005500	\$ -
			SINGLE SERVER (NP-SS) OR NUPOINT 640 (NP-640)	
Description			Part Number	
NP-SS/640. Personal Call Director unlimited users.	Additional Feature	Mitel	54002377	\$ 15,000.00
NP-SS/640. Adv UM, unlimited users.	Additional Feature	Mitel	54002686	\$ 75,000.00
NP-SS/640. Adv UM system enablement.	Additional Feature	Mitel	54002998	\$ 5,000.00
NP-SS/640. Std UM, unlimited users.	Additional Feature	Mitel	54004117	\$ 35,000.00
NP-SS/640. Outbound fax, unlimited users.	Additional Feature	Mitel	54004119	\$ 15,000.00
NP-SS/640. Upgrade Std UM to Adv UM, unlimited users.	Additional Feature	Mitel	54004688	\$ 30,000.00
			ALL VERSIONS OF NUPOINT (NP)	
Description			Part Number	
NP. Rel 3 base s/w media including documentation.	Additional Feature	Mitel	50006141	\$ 150.00
NP. Cable for Dialogic DMG rack.	Additional Feature	Mitel	51010350	\$ 315.00
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Personal Call Director, 10 users.	Additional Feature	Mitel	54001628	\$ 250.00
NP. Management options.	Additional Feature	Mitel	54001633	\$ 1,000.00
NP. Hospitality IP-PMS integration	Additional Feature	Mitel	54001634	\$ 1,000.00
NP. Hospitality Generic hotel prompts	Additional Feature	Mitel	54001635	\$ 800.00
NP. Misc. applications: NP forms, NP on demand cut thru page	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP. TDD memo	Additional Feature	Mitel	54001640	\$ 2,300.00
NP. Competitive TUI.	Additional Feature	Mitel	54001641	\$ -
NP. Enable 1 additional prompt language.	Additional Feature	Mitel	54001773	\$ 2,500.00
NP. Personal Call Director, 100 users.	Additional Feature	Mitel	54002220	\$ 1,500.00
NP. Enable fax on one voice port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NP. Personal Call Director, 1000 users.	Additional Feature	Mitel	54002434	\$ 5,000.00
NuPoint Advanced UM 50 users	Additional Feature	Mitel	54002684	\$ 1,500.00
NP. Adv UM, 100 users	Additional Feature	Mitel	54002685	\$ 2,500.00
NP. Adv UM, 1000 users	Additional Feature	Mitel	54002691	\$ 20,000.00
NP. Text-to-speech virtual port.	Additional Feature	Mitel	54002692	\$ 1,200.00

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Item Description	Item Type	Manufacturer	Model	Cost
NUPOINT IP & 640 ARABIC LANGUAGE	Additional Feature	Mitel	54003584	\$ -
NP. Adv UM, 1 user	Additional Feature	Mitel	54003672	\$ 35.00
NP. Adv UM, 10 users	Additional Feature	Mitel	54004106	\$ 325.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50
NP. Std UM, 10 users	Additional Feature	Mitel	54004108	\$ 150.00
NP. Std UM, 50 users	Additional Feature	Mitel	54004109	\$ 600.00
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Outbound fax, 10 users.	Additional Feature	Mitel	54004111	\$ 325.00
NP. Outbound fax, 50 users.	Additional Feature	Mitel	54004112	\$ 1,000.00
NP. Hospitality Hyatt custom prompts	Additional Feature	Mitel	54004420	\$ 800.00
NP. Hospitality. Hyatt custom prompts update	Additional Feature	Mitel	54004421	\$ -
NP. Std UM to Adv UM, 1 user	Additional Feature	Mitel	54004683	\$ 20.00
NP. Std UM to Adv UM, 5 users	Additional Feature	Mitel	54004684	\$ 100.00
NP. Std UM to Adv UM, 10 users	Additional Feature	Mitel	54004685	\$ 200.00
NP. Std UM to Adv UM, 50 users	Additional Feature	Mitel	54004686	\$ 1,000.00
NP. Speech to Text Enablement	Additional Feature	Mitel	54005322	\$ -
vNP. vNupoint Base s/w license. Current release.	Additional Feature	Mitel	54005498	\$ 7,500.00
			SPEECH AUTO ATTENDANT	
Description			Part Number	
NP-SAA. Use NP as Speech Auto Attendant ONLY.	Additional Feature	Mitel	54003291	\$ 2,500.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Corporate directory, 50 names.	Additional Feature	Mitel	54003293	\$ 500.00
NP-SAA. Corporate directory, 2000 names.	Additional Feature	Mitel	54003294	\$ 8,000.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NP-SAA. Add NP-Std to SAA.	Additional Feature	Mitel	54003299	\$ 4,600.00
(AMC) NuPoint Base to Speech AA Upgrade	Additional Feature	Mitel	54003300	\$ 2,500.00
NP-SAA. Corporate directory, 1 name.	Additional Feature	Mitel	54004054	\$ 15.00
NP-SAA. Corporate directory, 10 names.	Additional Feature	Mitel	54004055	\$ 125.00
			MITEL NUPOINT - LEGACY COMPONENTS	
Description			Part Number	
Trade-Up Fax upgrade 1 port (max 6)	Additional Feature	Mitel	54002354	\$ 500.00
NP-Std. 8 pt uplift to 65-120 ports	Additional Feature	Mitel	54002367	\$ 4,000.00
NP-640. CSO for 65-120 ports	Additional Feature	Mitel	54002372	\$ 8,000.00
(A-AMC)NPM IP Rel 9 to current upgrade base options	Additional Feature	Mitel	54002419	\$ 1,500.00
NP-640TDM. Rel 6.1B/7. Upgrade to 640IP, incl 8 ports.	Additional Feature	Mitel	54002433	\$ 12,500.00
NuPoint SMART Move Rel 7 upgrade base Stnd Ed	Additional Feature	Mitel	54002530	\$ 4,600.00
AMC NuPoint Messenger Rel 8 to current Upgrade Option	Additional Feature	Mitel	54002531	\$ 2,300.00
NP-640. 8 port uplift to 9-64 ports	Additional Feature	Mitel	54002999	\$ 3,000.00



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Item Description	Item Type	Manufacturer	Model	Cost
NP-640. 8 port uplift to 65-120 ports	Additional Feature	Mitel	54003000	\$ 8,000.00
			MITEL NUPOINT MESSENGER (NP) - PBX INTEGRATIONS	
			PBX INTEGRATIONS	
Description			Part Number	
Intel PIMG - Mitel DNIC 8 port Unit	Additional Feature	Mitel	51006450	\$ 3,500.00
Intel PIMG - PBX / DSE 8 port Unit	Additional Feature	Mitel	51006451	\$ 3,500.00
Intel PIMG - Analog 8 port Unit	Additional Feature	Mitel	51006453	\$ 2,700.00
INTEL TIMG - Dual Span T1/E1 Unit	Additional Feature	Mitel	51009973	\$ 15,000.00
NP. IP integration (max 4 connections)	Additional Feature	Mitel	54001622	\$ 1,800.00
(AMC) NuPoint IP-Enhanced SMDI Int.	Additional Feature	Mitel	54001850	\$ 1,000.00
			MITEL COMMUNICATIONS DIRECTOR (MCD) FEATURES	
Description			Part Number	
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP-Std. Upgrade rel 10 to current rel.	Additional Feature	Mitel	54002983	\$ 750.00
NP-640. Upgrade rel 10 to current rel.	Additional Feature	Mitel	54002997	\$ 6,000.00
NP-640. Upgrade rel 11 to current rel.	Additional Feature	Mitel	54003382	\$ 6,000.00
NP-Std. Upgrade rel 11 to current rel.	Additional Feature	Mitel	54003384	\$ 750.00
			MITEL MANAGED APPLICATION SERVER (MAS)	
			MAS APPLICATIONS: 6042 MANAGED VPN	
Description			Part Number	
6042 Managed VPN - 1 End Node - 1 Year Billed Annually	Additional Feature	Mitel	53001276	\$ 200.00
			MITEL LIVE BUSINESS GATEWAY	
			LIVE BUSINESS GATEWAY RELEASE	
Description			Part Number	
LIVE BUSINESS GATEWAY 10 user licenses	Additional Feature	Mitel	54002210	\$ 300.00
LIVE BUSINESS GATEWAY WINDOWS VERSION inc 40 user licenses	Additional Feature	Mitel	54002580	\$ 2,200.00
			MITEL BORDER GATEWAY	
			TELEWORKER SOLUTION	

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Description			Part Number	
MBG Base Kit & 5 Client Licenses	Additional Feature	Mitel	54003893	\$ 1,000.00
MBG 100 Client Licenses	Additional Feature	Mitel	54003894	\$ 8,500.00
Upgrade TW to MBG	Additional Feature	Mitel	54003905	\$ -
MBG Enterprise SWA 1-year	Additional Feature	Mitel	54004001	\$ 350.00
Sip Trunking Channel Proxy	Additional Feature	Mitel	54004491	\$ 50.00
Mitel Border Gateway Base	Additional Feature	Mitel	54004571	\$ 250.00
MBG TW service 1 User	Additional Feature	Mitel	54004572	\$ 150.00
MBG TW service 10 User	Additional Feature	Mitel	54004573	\$ 1,100.00
MBG TW service 50 User	Additional Feature	Mitel	54004575	\$ 4,750.00
MBG TW service 100 User	Additional Feature	Mitel	54004577	\$ 8,250.00
TW 4.5 to MBG 5.2 Upgrade	Additional Feature	Mitel	54004578	\$ -
MBG 5.0 to MBG 5.2 upgrade	Additional Feature	Mitel	54004581	\$ -
MBG 5 session Compression License	Additional Feature	Mitel	54004582	\$ 340.00
MBG Virtual Appliance	Additional Feature	Mitel	54005339	\$ 250.00
MBG to Virtual MBG Conversion	Additional Feature	Mitel	54005423	\$ -
IPv6 License for MBG	Additional Feature	Mitel	54005472	\$ 250.00
Virtual MBG Srv Expiry 6mos Extension	Additional Feature	Mitel	54005803	\$ 1,500.00
			SIP TRUNK PROXY	
Description			Part Number	
MBG Virtual Appliance	Additional Feature	Mitel	54005339	\$ 250.00
			MITEL CONTACT CENTER BUSINESS EDITION	
			CONTACT CENTER (CC) BUSINESS EDITION	
Description			Part Number	
MCC BE - Start Pack-2 media, 5 Agts	Additional Feature	Mitel	51013320	\$ 9,500.00
MCC BE - 1 Agents Add-On	Additional Feature	Mitel	51013321	\$ 500.00
CC BE to EE Upgrade	Additional Feature	Mitel	51300633	\$ 1.00
CC BE - Integrated Client - 1 Pk	Additional Feature	Mitel	51300636	\$ 170.00
CC BE - Integrated Client - 5 Pk	Additional Feature	Mitel	51300637	\$ 600.00
CC BE - Integrated Client - 10 Pk	Additional Feature	Mitel	51300638	\$ 1,150.00
CC BE - Screen Pop - 1 Pk	Additional Feature	Mitel	51300639	\$ 215.00
CC BE - Screen Pop - 5 Pk	Additional Feature	Mitel	51300640	\$ 1,000.00
CC BE - Screen Pop - 10 Pk	Additional Feature	Mitel	51300641	\$ 1,950.00
BE IVR Base Software	Additional Feature	Mitel	51301173	\$ 3,100.00
BE IVR Routing - 2 Port Pack	Additional Feature	Mitel	51301174	\$ 2,000.00
CC BE - Base 5 Agt Reporting, 5 Agt Desktop & 1 Supervisor	Additional Feature	Mitel	54002590	\$ 2,700.00

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Item Description	Item Type	Manufacturer	Model	Cost
CC BE - 5 Agent Reporting Pk	Additional Feature	Mitel	54002602	\$ 1,600.00
CC BE - 1 Supervisor Desktop	Additional Feature	Mitel	54002603	\$ 150.00
ICC BE	Additional Feature	Mitel	54002608	\$ 1,850.00
IQ BE	Additional Feature	Mitel	54002609	\$ 3,100.00
IQ BE - Additional 2 Ports	Additional Feature	Mitel	54002610	\$ 2,000.00
CC BE - 5 Agent Desktop Pk	Additional Feature	Mitel	54002644	\$ 200.00
			MITEL CONTACT CENTER ENTERPRISE EDITION	
			CONTACT CENTER (CC) ENTERPRISE EDITION	
Description			Part Number	
CC Standard Starter Pk	Additional Feature	Mitel	51300541	\$ 7,995.00
CC Advanced Starter Pk	Additional Feature	Mitel	51300542	\$ 11,950.00
CC Premium Starter Pk	Additional Feature	Mitel	51300543	\$ 15,950.00
CC Standard Agent - 1 Pk	Additional Feature	Mitel	51300551	\$ 600.00
CC Standard Agent - 10 Pk	Additional Feature	Mitel	51300552	\$ 4,000.00
CC Standard Agent - 50 Pk	Additional Feature	Mitel	51300553	\$ 12,500.00
CC Standard Agent - 100 Pk	Additional Feature	Mitel	51300554	\$ 20,000.00
CC Advanced Agent - 1 Pk	Additional Feature	Mitel	51300555	\$ 775.00
CC Advanced Agent - 10 Pk	Additional Feature	Mitel	51300556	\$ 6,000.00
CC Advanced Agent - 50 Pk	Additional Feature	Mitel	51300557	\$ 18,750.00
CC Advanced Agent - 100 Pk	Additional Feature	Mitel	51300558	\$ 29,000.00
CC Premium Agent - 1 Pk	Additional Feature	Mitel	51300559	\$ 1,200.00
CC Premium Agent - 10 Pk	Additional Feature	Mitel	51300560	\$ 10,000.00
CC Premium Agent - 50 Pk	Additional Feature	Mitel	51300562	\$ 40,000.00
CC Premium Agent - 100 Pk	Additional Feature	Mitel	51300563	\$ 60,000.00
CC Network License	Additional Feature	Mitel	51300597	\$ 5,000.00
CC System Administrator - 1 Pk	Additional Feature	Mitel	51300598	\$ 850.00
CC Standard to Advance Starter Pk Upg	Additional Feature	Mitel	51300601	\$ 4,351.00
CC Standard to Premium Starter Pk Upg	Additional Feature	Mitel	51300602	\$ 8,751.00
CC Advance to Premium Starter Pk Upg	Additional Feature	Mitel	51300603	\$ 4,400.00
CC EE Try & Buy, 1-5 Premium CC Agents	Additional Feature	Mitel	51300643	\$ -
Virtual CC	Additional Feature	Mitel	51300670	\$ 4,200.00
Virtual CC Bundle w/CC,IVR&CA	Additional Feature	Mitel	51300673	\$ 4,200.00
CC Basic Starter pack	Additional Feature	Mitel	51300955	\$ 3,200.00
CC Basic Agent # 1 Pk	Additional Feature	Mitel	51300957	\$ 500.00
CC Basic Agent # 10 Pk	Additional Feature	Mitel	51300958	\$ 3,050.00
CC Basic Agent # 50 Pk	Additional Feature	Mitel	51300960	\$ 11,000.00

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Item Description	Item Type	Manufacturer	Model	Cost
CC Basic Agent # 100 Pk	Additional Feature	Mitel	51300961	\$ 14,500.00
CC Basic to Standard Starter Pk Upg	Additional Feature	Mitel	51300962	\$ 5,275.00
CC Basic to Advance Starter Pk Upg	Additional Feature	Mitel	51300963	\$ 9,625.00
CC Basic to Premium Starter Pk Upg	Additional Feature	Mitel	51300964	\$ 14,025.00
CC Basic to Standard Upg # 10 Pk	Additional Feature	Mitel	51300966	\$ 1,045.00
CC Basic to Standard Upg # 50 Pk	Additional Feature	Mitel	51300967	\$ 1,650.00
CC Basic to Advance Upg # 10 Pk	Additional Feature	Mitel	51300970	\$ 3,245.00
CC Basic to Advance Upg # 50 Pk	Additional Feature	Mitel	51300971	\$ 8,525.00
CC Basic to Premium Upg # 10 Pk	Additional Feature	Mitel	51300974	\$ 7,645.00
CC Basic to Premium Upg # 50 Pk	Additional Feature	Mitel	51300975	\$ 31,900.00
CC Standard to Advance Upg # 10 Pk	Additional Feature	Mitel	51300977	\$ 2,200.00
CC Standard to Advance Upg # 50 Pk	Additional Feature	Mitel	51300978	\$ 6,000.00
CC Standard to Premium Upg # 10 Pk	Additional Feature	Mitel	51300980	\$ 6,600.00
CC Standard to Premium Upg # 50 Pk	Additional Feature	Mitel	51300981	\$ 30,250.00
CC Advance to Premium Upg # 10 Pk	Additional Feature	Mitel	51300983	\$ 4,400.00
CC Advance to Premium Upg # 50 Pk	Additional Feature	Mitel	51300984	\$ 21,875.00
			IVR PACKS	
Description			Part Number	
IQ Standard Routing Starter Pk	Additional Feature	Mitel	51300544	\$ 5,950.00
IQ Advanced Routing Starter Pk	Additional Feature	Mitel	51300545	\$ 7,950.00
IQ Premium Routing Starter Pk	Additional Feature	Mitel	51300546	\$ 12,950.00
IVR Standard Routing Starter Pack	Additional Feature	Mitel	51300547	\$ 5,950.00
IVR Advanced Routing Starter Pk	Additional Feature	Mitel	51300548	\$ 7,950.00
IVR Premium Routing Starter Pk	Additional Feature	Mitel	51300549	\$ 12,950.00
IVR Redundant Routing Starter Pk Add-on	Additional Feature	Mitel	51300550	\$ 3,750.00
IQ Standard Routing Port - 5 ports	Additional Feature	Mitel	51300561	\$ 4,500.00
IQ Standard Routing Port - 1 port	Additional Feature	Mitel	51300564	\$ 1,000.00
IQ Standard Routing Port - 10 ports	Additional Feature	Mitel	51300565	\$ 8,000.00
IQ Standard Routing Port - 50 ports	Additional Feature	Mitel	51300566	\$ 35,000.00
IQ Advanced Routing Port - 1 port	Additional Feature	Mitel	51300567	\$ 1,100.00
IQ Advanced Routing Port - 5 ports	Additional Feature	Mitel	51300568	\$ 5,000.00
IQ Advanced Routing Port - 10 ports	Additional Feature	Mitel	51300569	\$ 9,000.00
IQ Advanced Routing Port - 50 ports	Additional Feature	Mitel	51300570	\$ 40,000.00
IQ Premium Routing Port - 1 port	Additional Feature	Mitel	51300571	\$ 1,500.00
IQ Premium Routing Port - 5 ports	Additional Feature	Mitel	51300572	\$ 6,500.00
IQ Premium Routing Port - 10 ports	Additional Feature	Mitel	51300573	\$ 11,000.00
IQ Premium Routing Port - 50 ports	Additional Feature	Mitel	51300574	\$ 50,000.00
IVR Standard Routing Port - 1 port	Additional Feature	Mitel	51300575	\$ 1,000.00





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Item Description	Item Type	Manufacturer	Model	Cost
			UPGRADES FROM eNTERPRISE CONFERENCING TC	
Description			Part Number	
KIT SW UPGD V1.1 TO 2.0 A&W	Additional Feature	Mitel	828.1701	\$ 2,500.00
			UPGRADE TO UNIFIED COMMUNICATOR	
Description			Part Number	
Upgrade Kit: UC v 2.1/SIP Server to UC v4.0/SIP Server	Additional Feature	Mitel	828.1721	\$ 3,131.00
Upgrade Kit: UC v 3.0/SIP Server to UC v4.0/SIP Server	Additional Feature	Mitel	828.1722	\$ 1,878.00
16 Pack SIP Server IP Endpoint License	Additional Feature	Mitel	840.0164	\$ 1,600.00
Single SIP Server IP Endpoint License -Third Party Endpoints	Additional Feature	Mitel	840.0205	\$ 150.00
SIP Server Shared IP License for Hard Endpoints	Additional Feature	Mitel	840.0212	\$ 100.00
SIP Server Single Trunk License	Additional Feature	Mitel	840.0213	\$ 80.00
SIP Server Shared IP License for Soft & Third-Party Endpoint	Additional Feature	Mitel	840.0214	\$ 50.00
Single SIP Server IP Endpoint License	Additional Feature	Mitel	840.0672	\$ 100.00
			APPLICATIONS PLATFORM: PRE-CONFIG RACKMO	
Description			Part Number	
2 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9072	\$ 5,000.00
8 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9074	\$ 7,400.00
12 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9075	\$ 9,400.00
16 Port Analog Applications Platform: IVR Rackmount	Additional Feature	Mitel	780.9076	\$ 11,000.00
24 Port T1 Application Platform: IVR Rackmount	Additional Feature	Mitel	780.9077	\$ 15,500.00
			APPLICATIONS PLATFORM: IVR CARDS AND LICEN	
Description			Part Number	
NMS AG2000 - 8 LS Card (8 Port)	Additional Feature	Mitel	780.2003	\$ 5,000.00
Software Developers Kit (SDK) - Branded	Additional Feature	Mitel	780.6105	\$ 10,000.00
Software Developers kit (SDK) - NON-Branded	Additional Feature	Mitel	780.6106	\$ 10,000.00
Annual Incident Based Support (10 Incidents)	Additional Feature	Mitel	780.7005	\$ 2,500.00
Annual Incident Based Support ( 1 Incident)	Additional Feature	Mitel	780.7012	\$ 300.00
Annual Incident Based Support (5 Incidents)	Additional Feature	Mitel	780.7013	\$ 1,250.00
Annual Incident Based Support (20 Incidents)	Additional Feature	Mitel	780.7014	\$ 4,000.00
IVR Runtime License - NON-Branded (Per Port pricing)	Additional Feature	Mitel	840.0301	\$ 800.00
IVR Runtime License - Branded (Per Port pricing)	Additional Feature	Mitel	840.0302	\$ 800.00
Fax License (Per Port)	Additional Feature	Mitel	840.0315	\$ 400.00
Automatic Speech Recognition (ASR) License (Per Port)	Additional Feature	Mitel	840.0316	\$ 1,500.00
Real Speak Text-To-Speech Runtime License (Per Port)	Additional Feature	Mitel	840.0318	\$ 900.00
			UNIFIED COMMUNICATOR USER ADD-ON LICENSE	
Description			Part Number	
Single User UC 5000 license	Additional Feature	Mitel	840.0211	\$ 75.00
UC 5000 10 User License	Additional Feature	Mitel	840.0323	\$ 700.00

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Item Description	Item Type	Manufacturer	Model	Cost
UC 5000 25 User License	Additional Feature	Mitel	840.0324	\$ 1,700.00
			INTER-TEL CONTACT CENTER SUITE	
			UPGRADE FROM v3.3 TO v4.0	
Description			Part Number	
Call Center Suite v3.x Software to v4.0 Software	Additional Feature	Mitel	550.6279	\$ 1.00
			ATTENDANT CONSOLE SOFTWARE	
Description			Part Number	
Attendant Console v3.0 - Multi-Node	Additional Feature	Mitel	550.531	\$ 2,500.00
Attendant Console v3.0 - Single-Node	Additional Feature	Mitel	550.5312	\$ 1,500.00
Attendant Console / CT Gateway CD-ROM	Additional Feature	Mitel	827.9272	\$ 5.00
			MITEL APPLICATIONS SUITE	
			MAS - BASE SOFTWARE	
Description			Part Number	
MAS 1.2 Mobility to MAS 1.2 Base Upgrade	Additional Feature	Mitel	54004777	\$ 750.00
MAS 3.0 Base Software	Additional Feature	Mitel	54005441	\$ 995.00
MAS 3.0 Virtual Appliance	Additional Feature	Mitel	54005442	\$ 995.00
MAS 3.0 Base add-on to UCA	Additional Feature	Mitel	54005444	\$ 995.00
vMAS 3.0 Base add-on to vUCA	Additional Feature	Mitel	54005445	\$ 995.00
Virtual UC Business Bundle	Additional Feature	Mitel	54005759	\$ 2,495.00
MAS Virtual Appliance for 5000 CP	Additional Feature	Mitel	54005799	\$ 495.00
			MAS - MESSAGING SOFTWARE LICENSES	
Description			Part Number	
NP. Voicemail networking	Additional Feature	Mitel	54001624	\$ 2,500.00
NP. Record-a-call.	Additional Feature	Mitel	54001627	\$ -
NP. Misc. applications: NP forms, NP on demand cut thru page	Additional Feature	Mitel	54001636	\$ 2,500.00
NP. Call detail recorder	Additional Feature	Mitel	54001637	\$ 2,300.00
NP. Enable 1 additional prompt language.	Additional Feature	Mitel	54001773	\$ 2,500.00
NP. Enable fax on one voice port (max 6/node)	Additional Feature	Mitel	54002375	\$ 1,000.00
NP. Text-to-speech virtual port.	Additional Feature	Mitel	54002692	\$ 1,200.00
NP-SAA. Add 1 SAA port to NP.	Additional Feature	Mitel	54003292	\$ 1,000.00
NP-SAA. Corporate directory, 50 names.	Additional Feature	Mitel	54003293	\$ 500.00
NP-SAA. Enable presence.	Additional Feature	Mitel	54003298	\$ -
NPUM Advanced UM Up(10 Users)	Additional Feature	Mitel	54004052	\$ 550.00
NP. Std UM, 1 user	Additional Feature	Mitel	54004107	\$ 17.50



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Item Description	Item Type	Manufacturer	Model	Cost
NP. Std UM, 10 users	Additional Feature	Mitel	54004108	\$ 150.00
NP. Std UM, 50 users	Additional Feature	Mitel	54004109	\$ 600.00
NP. Outbound fax, 1 user.	Additional Feature	Mitel	54004110	\$ 40.00
NP. Outbound fax, 10 users.	Additional Feature	Mitel	54004111	\$ 325.00
NP. Outbound fax, 50 users.	Additional Feature	Mitel	54004112	\$ 1,000.00
MAS Nupoint Advanced UM 1 User	Additional Feature	Mitel	54004222	\$ 60.00
MAS Nupoint Advanced UM 50 Users	Additional Feature	Mitel	54004223	\$ 2,500.00
MAS NPUM M'Box & Calldir 3300 (1 User)	Additional Feature	Mitel	54004762	\$ 40.00
MAS NPUM M'Box & Calldir 3300 (10 User)	Additional Feature	Mitel	54004763	\$ 350.00
MAS NPUM M'Box & Calldir 3300 (50 User)	Additional Feature	Mitel	54004764	\$ 1,500.00
MAS NPUM M'Box & Calldir 3300 (250 User)	Additional Feature	Mitel	54004766	\$ 5,000.00
MAS NPUM M'Box & Calldir 5K (1 User)	Additional Feature	Mitel	54004767	\$ 40.00
MAS NPUM M'Box & Calldir 5K (10 User)	Additional Feature	Mitel	54004768	\$ 350.00
MAS NPUM M'Box & Calldir 5K (50 User)	Additional Feature	Mitel	54004769	\$ 1,500.00
MAS NPM Misc App Port	Additional Feature	Mitel	54004961	\$ 400.00
Unified Messaging Pack for MAS - Qty 1	Additional Feature	Mitel	54005142	\$ 56.00
Unified Messaging Pack for MAS - Qty 10	Additional Feature	Mitel	54005143	\$ 485.00
Unified Messaging Pack for MAS - Qty 50	Additional Feature	Mitel	54005144	\$ 2,030.00
Unified Messaging Pack - Qty 250	Additional Feature	Mitel	54005145	\$ 9,000.00
MAS NPUM M'BOX&CALLDIR 3300(500 User)	Additional Feature	Mitel	54005347	\$ 7,000.00
MAS NPM for MCD 10 Mailbox Licenses	Additional Feature	Mitel	54005610	\$ 350.00
MAS NPM for MCD 50 Mailbox Licenses	Additional Feature	Mitel	54005611	\$ 1,500.00
MAS NPM for MCD 250 Mailbox Licenses	Additional Feature	Mitel	54005612	\$ 5,000.00
MAS NPM for MCD 500 Mailbox Licenses	Additional Feature	Mitel	54005613	\$ 7,000.00
			MAS - COLLABORATION SOFTWARE LICENSES	
Description			Part Number	
MAS AWC Audio & Web Uplift (10 User)	Additional Feature	Mitel	54003433	\$ 4,319.00
MAS AWC Audio Only Uplift (1 User)	Additional Feature	Mitel	54003434	\$ 400.00
MAS AWC Audio Only Uplift (10 User)	Additional Feature	Mitel	54003435	\$ 3,455.00
MAS AWC Audio & Web Uplift (1 User)	Additional Feature	Mitel	54003580	\$ 500.00
MAS AWC Aud Only Up for 5K Dig (1 User)	Additional Feature	Mitel	54003973	\$ 400.00
MAS AWC Aud Only Up for 5K Dig (10 User)	Additional Feature	Mitel	54003974	\$ 3,455.00
MAS AWC Aud Only Up for 5K Dig (50 User)	Additional Feature	Mitel	54003975	\$ 13,247.00
MAS AWC Aud/Web Up for 5K Dig (1 User)	Additional Feature	Mitel	54003976	\$ 500.00
MAS AWC Aud/Web Up for 5K Dig (10 User)	Additional Feature	Mitel	54003977	\$ 4,319.00
MAS AWC Aud/Web Up for 5K Dig (50 User)	Additional Feature	Mitel	54003978	\$ 16,669.00
MAS AWC Aud Only Up for 5K IP (1 User)	Additional Feature	Mitel	54003981	\$ 400.00
MAS AWC Aud Only Up for 5K IP (10 User)	Additional Feature	Mitel	54003982	\$ 3,455.00

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Item Description	Item Type	Manufacturer	Model	Cost
MAS AWC Aud Only Up for 5K IP (50 User)	Additional Feature	Mitel	54003983	\$ 13,247.00
MAS AWC Aud/Web Up for 5K IP (1 User)	Additional Feature	Mitel	54003984	\$ 500.00
MAS AWC Aud/Web Up for 5K IP (10 User)	Additional Feature	Mitel	54003985	\$ 4,319.00
MAS AWC Aud/Web Up for 5K IP (50 User)	Additional Feature	Mitel	54003986	\$ 16,669.00
MAS AWC Audio Only Uplift (50 User)	Additional Feature	Mitel	54004074	\$ 13,247.00
MAS AWC Audio & Web Uplift (50 User)	Additional Feature	Mitel	54004075	\$ 16,669.00
MAS AWC Web Only Up(1 User)	Additional Feature	Mitel	54004621	\$ 400.00
MAS AWC Web Only Up(10 User)	Additional Feature	Mitel	54004622	\$ 3,455.00
MAS AWC Web Only Up(50 User)	Additional Feature	Mitel	54004623	\$ 13,247.00
MAS AWC Audio Only for Axxess(1 User)	Additional Feature	Mitel	54004770	\$ 400.00
MAS AWC Audio Only for Axxess(10 User)	Additional Feature	Mitel	54004771	\$ 3,455.00
MAS AWC Audio Only for Axxess(50 User)	Additional Feature	Mitel	54004772	\$ 13,247.00
MAS AWC Audio & Web for Axxess(1 User)	Additional Feature	Mitel	54004773	\$ 500.00
MAS AWC Audio & Web for Axxess(10 User)	Additional Feature	Mitel	54004774	\$ 4,319.00
MAS AWC Audio & Web for Axxess(50 User)	Additional Feature	Mitel	54004775	\$ 16,669.00
MAS 2.0 App Add-On to MAS 1.2 SglApp AWC	Additional Feature	Mitel	54004888	\$ 750.00
UCC Entry User Lic for Ent`prise	Additional Feature	Mitel	54005519	\$ 245.00
UCC Std User Lic for Enterprise(50 User)	Additional Feature	Mitel	54005521	\$ 17,000.00
UCC Prem User License for Enterprise	Additional Feature	Mitel	54005522	\$ 480.00
UCC Prem User Lic for Enterprise(50User)	Additional Feature	Mitel	54005523	\$ 22,000.00
UCC Entry User License for Business	Additional Feature	Mitel	54005524	\$ 215.00
UCC Std User Lic for Ent`prise	Additional Feature	Mitel	54005525	\$ 365.00
UCC Std User License for Business	Additional Feature	Mitel	54005526	\$ 325.00
UCC Std User License for Bus(50 User)	Additional Feature	Mitel	54005527	\$ 15,000.00
UCC Prem User License for Business	Additional Feature	Mitel	54005528	\$ 440.00
UCC Prem User License for Bus(50 User)	Additional Feature	Mitel	54005529	\$ 20,000.00
MITEL COLLAB ADV for MCD AUD UP 1 User	Additional Feature	Mitel	54005614	\$ 400.00
MITEL COLLAB ADV for MCD AUD UP 10 User	Additional Feature	Mitel	54005615	\$ 3,455.00
MITEL COLLAB ADV for MCD AUD UP 50 User	Additional Feature	Mitel	54005616	\$ 13,247.00
MITEL COLLAB ADV MCD AUD&WEB UP 1 User	Additional Feature	Mitel	54005617	\$ 500.00
MITEL COLLAB ADV MCD AUD&WEB UP 10 User	Additional Feature	Mitel	54005618	\$ 4,319.00
MITEL COLLAB ADV MCD AUD&WEB UP 50 User	Additional Feature	Mitel	54005619	\$ 16,669.00
Free AWC H.264 UPG for Active 3.9 Video	Additional Feature	Mitel	54005622	\$ -
AMC UCC License MGR	Additional Feature	Mitel	54005769	\$ -
AMC UCC License MGR for Enterprise	Additional Feature	Mitel	54005813	\$ -
			MAS - SOFTWARE UPGRADES	
Description			Part Number	
CSM Starter kit Migration to vCSM	Additional Feature	Mitel	52002751	\$ 595.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
MBD Starter kit Migration to vMBD	Additional Feature	Mitel	52002752	\$ 595.00
CSM on MAS Migration to vCSM	Additional Feature	Mitel	52002753	\$ 595.00
MBD on MAS Migration to vMBD	Additional Feature	Mitel	52002755	\$ 595.00
Teleworker Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004141	\$ -
Mobile Extension Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004142	\$ -
MAS TW 1.1 + ME Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004143	\$ -
TW + Mobile Ext Upg to MAS 1.2 Mobility	Additional Feature	Mitel	54004145	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Base 3300	Additional Feature	Mitel	54004884	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Base 5000	Additional Feature	Mitel	54004885	\$ -
MAS 2.0 App Add-ON to MAS 1.2 Msg & Conf	Additional Feature	Mitel	54004886	\$ -
MAS 2.0 App Add-On to MAS Mobility	Additional Feature	Mitel	54004887	\$ 750.00
MAS 1.2 SglApp AWC to MAS 2.0 Upgrade	Additional Feature	Mitel	54005309	\$ -
MAS 1.2 to MAS 2.0 Mobility Upgrade	Additional Feature	Mitel	54005310	\$ -
MAS 2.X to MAS 3.0 Base Upgrade	Additional Feature	Mitel	54005447	\$ -
Virtual MAS to Virtual MAS 3.0 Upgrade	Additional Feature	Mitel	54005449	\$ -
CSM/MBD starter kit upgrade MAS2.x to3.0	Additional Feature	Mitel	54005715	\$ -
CSM Starter Kit Migration to S/W CSM	Additional Feature	Mitel	54005730	\$ -
MBD Starter Kit Migration to S/W MBD	Additional Feature	Mitel	54005732	\$ -
CSM on MAS Migration to S/W CSM	Additional Feature	Mitel	54005734	\$ -
MBD on MAS Migration to S/W MBD	Additional Feature	Mitel	54005736	\$ -
			MAS RELEASE 1.1 - SOFTWARE	
Description			Part Number	
MAS AWC Audio Only Uplift (10 User)	Additional Feature	Mitel	54003435	\$ 3,455.00
			MAS - OTHER	
Description			Part Number	
MAS Server App for 3300 ICP/MCD Recovery DVD	Additional Feature	Mitel	50006381	\$ 150.00
MAS Server App for 5000 CP Recovery DVD	Additional Feature	Mitel	50006401	\$ 150.00
MAS to Virtual MAS Conversion	Additional Feature	Mitel	54005389	\$ -
Virtual MAS Srv Expiry 6mos Extension	Additional Feature	Mitel	54005801	\$ 3,000.00
			NP COMMON PRODUCT - HARDWARE	
Description			Part Number	
MAS 3.0 Server Appliance MCD NA	Additional Feature	Mitel	52002722	\$ 3,495.00
			MAS - SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS, UCC Entry User	Additional Feature	Mitel	54005530	\$ 11.00
STD SWAS, UCC Standard User	Additional Feature	Mitel	54005531	\$ 20.00
STD SWAS, UCC Premium User	Additional Feature	Mitel	54005532	\$ 30.00
PREM SWAS, UCC Entry User	Additional Feature	Mitel	54005533	\$ 3.00

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Item Description	Item Type	Manufacturer	Model	Cost
PREM SWAS, UCC Standard User	Additional Feature	Mitel	54005534	\$ 6.00
PREM SWAS, UCC Premium User	Additional Feature	Mitel	54005535	\$ 9.00
STD SWAS ULM Business	Additional Feature	Mitel	54005821	\$ -
STD SWAS ULM Enterprise	Additional Feature	Mitel	54005822	\$ -
PREM SWAS ULM Business	Additional Feature	Mitel	54005823	\$ -
PREM SWAS ULM Enterprise	Additional Feature	Mitel	54005824	\$ -
STD SWAS ULM Aggregate Business	Additional Feature	Mitel	54005825	\$ -
PREM SWAS ULM Aggregate Enterprise	Additional Feature	Mitel	54005826	\$ -
			MITEL COMMUNICATIONS SUITE	
			MCS BASE PACKAGES	
Description			Part Number	
MCS Upgrade 300 - 1000 Device	Additional Feature	Mitel	54003684	\$ 5,000.00
			MCS END USER LICENSES	
Description			Part Number	
MCS 100 User Uplift - User/ HD Devices and NPM Ports	Additional Feature	Mitel	54003554	\$ 15,500.00
UNIFIED IP CLIENT USER LICENSE	Additional Feature	Mitel	54003723	\$ 50.00
MCS 5 User Uplift - Users/HD Devices No VM port	Additional Feature	Mitel	54003739	\$ 625.00
MCS 25 User Uplift - User/ HD Devices and NPM Ports	Additional Feature	Mitel	54003740	\$ 4,125.00
			MITEL UNIFIED IP CLIENT FOR SUN RAY	
			SOFTWARE AND LICENSES	
Description			Part Number	
UNIFIED IP CLIENT CONNECTOR LIC	Additional Feature	Mitel	54003721	\$ -
UNIFIED IP CLIENT USER LICENSE	Additional Feature	Mitel	54003723	\$ 50.00
SUN RAY UNIFIED IP CLIENT DEVICE LICENSE	Additional Feature	Mitel	54003724	\$ 85.00
UNIFIED IP CLIENT SERVER BASE	Additional Feature	Mitel	54003741	\$ -
UIC S/W PKG w UIC BLADE 1.0 , MSL 8.3	Additional Feature	Mitel	54003742	\$ -
UNIFIED IP CLIENT BLADE BASE	Additional Feature	Mitel	54003743	\$ -
UNIFIED IP CLIENT CONNECTOR S/W PKG - MoL Download	Additional Feature	Mitel	54004443	\$ -
UIC S/W PKG W UIC BLADE,MSL - MoL Download	Additional Feature	Mitel	54004444	\$ -
UNIFIED IP CLIENT SERVER S/W PKG - MoL Download	Additional Feature	Mitel	54004445	\$ -
			SERVER AND THIN CLIENTS	
Description			Part Number	
UNIFIED IP CLIENT SMART CARD-BLANK(25PK)	Additional Feature	Mitel	51012594	\$ 105.00
Unified IP Client Bundle	Additional Feature	Mitel	52002746	\$ 350.00

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Item Description	Item Type	Manufacturer	Model	Cost
			MITEL UNIFIED COMMUNICATOR (UC)	
			UNIFIED COMMUNICATOR EXPRESS	
Description			Part Number	
IOC Enhanced to UC Express Migration 1 user license	Additional Feature	Mitel	51014559	\$ -
UC Express 50 deskphone licenses for 5000	Additional Feature	Mitel	51015443	\$ -
UC Express 1 deskphone and 1 softphone license for MCD	Additional Feature	Mitel	54004270	\$ 60.00
			UNIFIED COMMUNICATOR ADVANCED	
Description			Part Number	
UC Advanced 1 Deskphone License	Additional Feature	Mitel	54004266	\$ 99.00
UC Advanced 50 Deskphone License	Additional Feature	Mitel	54004267	\$ 4,455.00
UC Advance Deskphone & Softphone License	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced 45 Day Trial	Additional Feature	Mitel	54004288	\$ -
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
Collaboration Pack - 1 User	Additional Feature	Mitel	54005146	\$ 180.00
Collaboration Pack - 10 Users	Additional Feature	Mitel	54005147	\$ 2,130.00
Collaboration Pack - 50 Users	Additional Feature	Mitel	54005148	\$ 8,360.00
Mobility Standalone Pack - 1 user	Additional Feature	Mitel	54005151	\$ 248.00
Mobility Standalone pack - 10 users	Additional Feature	Mitel	54005152	\$ 2,430.00
Mobility Standalone Pack - 50 users	Additional Feature	Mitel	54005153	\$ 10,400.00
Mobility Enterprise Pack - 1 user	Additional Feature	Mitel	54005154	\$ 285.00
Mobility Enterprise Pack - 10 users	Additional Feature	Mitel	54005155	\$ 2,790.00
Mobility Enterprise Pack - 50 users	Additional Feature	Mitel	54005156	\$ 12,000.00
UCA Web/Mobile Portal-1 User	Additional Feature	Mitel	54005163	\$ 50.00
UCA Web/Mobile Portal-50 User	Additional Feature	Mitel	54005164	\$ 2,250.00
UC Advanced Dynamic Location 1 License	Additional Feature	Mitel	54005245	\$ 59.00
UC Advanced Dynamic Location 50 Licenses	Additional Feature	Mitel	54005246	\$ 2,655.00
UC Advanced Virtual Appliance	Additional Feature	Mitel	54005344	\$ 1,500.00
UC Advanced virtual appliance 45 d-Trial	Additional Feature	Mitel	54005345	\$ -
UC Advanced Virtual Appliance Dealer Dem	Additional Feature	Mitel	54005350	\$ 600.00
Virtual UC Advanced Server Conversion	Additional Feature	Mitel	54005362	\$ -
UCA Advanced Server Peering License	Additional Feature	Mitel	54005380	\$ 2,000.00
UCA Advanced Server Federation License	Additional Feature	Mitel	54005381	\$ 2,500.00
UCA Blackberry Standalone client	Additional Feature	Mitel	54005397	\$ 59.00
UC Advanced Mobile for Android	Additional Feature	Mitel	54005402	\$ 59.00
Mitel Unified Communicator Software	Additional Feature	Mitel	54005404	\$ 1,500.00
UC Adv Mobile for Smart Devices 1 Lic	Additional Feature	Mitel	54005598	\$ 59.00

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Item Description	Item Type	Manufacturer	Model	Cost
UC Adv Mobile for Smart Devices 50 Lic	Additional Feature	Mitel	54005599	\$ 2,655.00
UC Adv Std-alone client Smart Device 1 L	Additional Feature	Mitel	54005601	\$ 59.00
Virtual UCA Srv Expiry 6mos Extension	Additional Feature	Mitel	54005802	\$ 1,500.00
			UNIFIED COMMUNICATOR ADVANCED SOFTPHON	
Description			Part Number	
UC Advanced 1 Softphone License	Additional Feature	Mitel	54004268	\$ 75.00
UC Advanced 50 Softphone License	Additional Feature	Mitel	54004269	\$ 3,375.00
UC Advance Deskphone & Softphone License	Additional Feature	Mitel	54004281	\$ 150.00
UC Advanced ACD Option 5 user Licenses	Additional Feature	Mitel	54004282	\$ -
UC Advanced 45 Day Trial	Additional Feature	Mitel	54004288	\$ -
UC Advanced Console Option	Additional Feature	Mitel	54004823	\$ 850.00
UC Advanced Dynamic Location 1 License	Additional Feature	Mitel	54005245	\$ 59.00
UC Advanced Dynamic Location 50 Licenses	Additional Feature	Mitel	54005246	\$ 2,655.00
			UNIFIED COMMUNICATOR EXPRESS SOFTPHONE	
Description			Part Number	
UC Express 1 Softphone License for MCD	Additional Feature	Mitel	54004264	\$ 60.00
UC Express 50 Softphone Licenses for MCD	Additional Feature	Mitel	54004265	\$ 2,700.00
UC Express 1 deskphone and 1 softphone license for MCD	Additional Feature	Mitel	54004270	\$ 60.00
			MITEL CUSTOMER SERVICE MANAGER	
			STARTER & UPLIFT PACKAGES	
Description			Part Number	
Virtual CSM Contact Center Starter Pk	Additional Feature	Mitel	52002672	\$ 4,750.00
Virtual MBD Historical Report Starter Pk	Additional Feature	Mitel	52002674	\$ 2,100.00
MAS CSM Advanced Routing Uplift	Additional Feature	Mitel	54004317	\$ 4,000.00
MAS CSM Media Blending Uplift	Additional Feature	Mitel	54004318	\$ 3,000.00
CSM Intelligent Router License	Additional Feature	Mitel	54004319	\$ 4,500.00
CSM Contact Ctr Starter Pk 6.0 SW Only	Additional Feature	Mitel	54005503	\$ 4,550.00
MBD Historical Starter Pk 6.0(SW Only)	Additional Feature	Mitel	54005516	\$ 1,900.00
			MEDIA BLENDING LICENSING	
Description			Part Number	
CSM Media Blending Agent License	Additional Feature	Mitel	54004320	\$ 300.00
CSM Media Blending Queue License	Additional Feature	Mitel	54004321	\$ 400.00
			CLIENT LICENSING	
Description			Part Number	
CSM Single Client Go License	Additional Feature	Mitel	54004326	\$ 100.00
CSM Conn Assistant Single License	Additional Feature	Mitel	54004330	\$ 165.00

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Item Description	Item Type	Manufacturer	Model	Cost
CSM Conn Assistant License 10 Pack	Additional Feature	Mitel	54004331	\$ 1,450.00
CSM Conn Assistant License 50 Pack	Additional Feature	Mitel	54004332	\$ 6,270.00
CSM Conn Assistant License 100 Pack	Additional Feature	Mitel	54004333	\$ 9,900.00
CSM CallViewer Single License	Additional Feature	Mitel	54004334	\$ 300.00
CSM CallViewer License 10 Pack	Additional Feature	Mitel	54004335	\$ 2,790.00
CSM CallViewer License 50 Pack	Additional Feature	Mitel	54004336	\$ 11,850.00
CSM CallViewer License 100 Pack	Additional Feature	Mitel	54004337	\$ 18,000.00
CSM Client Go To Conn Assistant Uplift	Additional Feature	Mitel	54004338	\$ 65.00
CSM Conn Assistant to CallViewer Uplift	Additional Feature	Mitel	54004339	\$ 135.00
			REPORTER & REALVIEWER LICENSING	
Description			Part Number	
CSM Single Agent Reporting License	Additional Feature	Mitel	54004322	\$ 100.00
CSM Agent Reporting License 10 Pack	Additional Feature	Mitel	54004323	\$ 880.00
CSM Agent Reporting License 50 Pack	Additional Feature	Mitel	54004324	\$ 3,800.00
CSM Agent Reporting License 100 Pack	Additional Feature	Mitel	54004325	\$ 6,000.00
CSM Reporter Basic Initial License	Additional Feature	Mitel	54004340	\$ 1,250.00
CSM Reporter Basic Additional License	Additional Feature	Mitel	54004341	\$ 750.00
CSM Reporter Initial License	Additional Feature	Mitel	54004342	\$ 2,500.00
CSM Reporter Additional License	Additional Feature	Mitel	54004343	\$ 1,500.00
CSM Reporter Pro Initial License	Additional Feature	Mitel	54004344	\$ 5,500.00
CSM Reporter Pro Additional License	Additional Feature	Mitel	54004345	\$ 3,300.00
CSM Auto Reporter License	Additional Feature	Mitel	54004346	\$ 780.00
CSM RealViewer License	Additional Feature	Mitel	54004347	\$ 250.00
CSM Reporter Basic to Reporter Uplift	Additional Feature	Mitel	54004348	\$ 1,250.00
CSM Reporter to Reporter Pro Uplift	Additional Feature	Mitel	54004349	\$ 3,000.00
MAS MBD Real Time Reporting Uplift(6.0)	Additional Feature	Mitel	54005405	\$ 1,650.00
			MULTI NODE LICENSING	
Description			Part Number	
CSM 5000 Multi Node Awareness (5 Nodes)	Additional Feature	Mitel	54004350	\$ 1,750.00
CSM 5000 Multi Node Additional 1 Node	Additional Feature	Mitel	54004351	\$ 250.00
CSM MCD Multi Node Awareness(5 nodes)	Additional Feature	Mitel	54005406	\$ 1,750.00
CSM MCD Multi Node Additional 1 Node	Additional Feature	Mitel	54005407	\$ 250.00
			CALL RECORDING INTEGRATION LICENSING	
Description			Part Number	
CSM Verint Intergration for 5000/3300	Additional Feature	Mitel	54004991	\$ 750.00
			CUSTOMER SERVICE MANAGER UPGRADES	
Description			Part Number	
Virtual CSM DVD	Additional Feature	Mitel	50006539	\$ 30.00

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Item Description	Item Type	Manufacturer	Model	Cost
MBD SW Only Upg CCS/Callview 4.x	Additional Feature	Mitel	54005408	\$ 3,150.00
CSM SW Only Upg CCS/Callview 4.x	Additional Feature	Mitel	54005409	\$ 7,300.00
MBD vApp 6.0 Upg for CCS/Callview 4.x	Additional Feature	Mitel	54005412	\$ 3,150.00
CSM vApp 6.0 Upg for CCS/Callview 4.x	Additional Feature	Mitel	54005413	\$ 7,300.00
			WIRELESS SOLUTIONS - MITEL IP DECT GLOBAL (A	
			WIRELESS HANDSETS AND ACCESSORIES	
Description			Part Number	
Mitel 5606 Desktop Charger - Global P/S	Additional Feature	Mitel	51012483	\$ 75.00
Mitel 5606 Programmer	Additional Feature	Mitel	51012484	\$ 390.00
Mitel 5606 Rack Charger No Pwr Sup	Additional Feature	Mitel	51012485	\$ 400.00
Mitel 5602 Handset-NA	Additional Feature	Mitel	51012487	\$ 165.00
Mitel 5602 Interface Cable	Additional Feature	Mitel	51012488	\$ 101.00
Mitel 5606 Headset (Boom Type)	Additional Feature	Mitel	51012500	\$ 325.00
Mitel 5606 Battery Pack	Additional Feature	Mitel	51012502	\$ 95.00
Mitel 5606 SIM Card (programmed)	Additional Feature	Mitel	51012505	\$ 43.00
Mitel 5606 SIM Card (programmed) incl SW	Additional Feature	Mitel	51012506	\$ 390.00
Mitel 5602 Battery Pack	Additional Feature	Mitel	51012511	\$ 39.00
Mitel 5602 Rack Charger Global	Additional Feature	Mitel	51012525	\$ 230.00
Mitel 5606 Rack Charger P/S-Global	Additional Feature	Mitel	51012633	\$ 250.00
5602 Desktop Charger-NA P/S (V2)	Additional Feature	Mitel	51013527	\$ 42.00
Mitel 5603	Additional Feature	Mitel	51015420	\$ 195.00
Mitel 5604	Additional Feature	Mitel	51015421	\$ 295.00
Mitel 5603/04 Charger Global(exclude EU)	Additional Feature	Mitel	51015423	\$ 46.00
Mitel 5604 Battery Pack Charger Global	Additional Feature	Mitel	51015430	\$ 675.00
Mitel 5603 Spare Battery Pack	Additional Feature	Mitel	51015431	\$ 31.00
Mitel 5604 Spare Battery Pack	Additional Feature	Mitel	51015432	\$ 45.00
Mitel 5603 Spare Belt Clip	Additional Feature	Mitel	51015433	\$ 75.00
Mitel 5604 Security Swivel Clip	Additional Feature	Mitel	51015434	\$ 23.00
Mitel 5603/04 Security Chain	Additional Feature	Mitel	51015435	\$ 21.00
Mitel 5603 Leather Case	Additional Feature	Mitel	51015437	\$ 54.00
Mitel 5604 Leather Case	Additional Feature	Mitel	51015440	\$ 54.00
Mitel 5604 Spare Belt Clip	Additional Feature	Mitel	51015955	\$ 107.00
Mitel 5603 Security Swivel Clip	Additional Feature	Mitel	51015956	\$ 21.00
Mitel 5604 License Service	Additional Feature	Mitel	51015972	\$ 325.00
Mitel 5604 License Personal Alarm	Additional Feature	Mitel	51015973	\$ 250.00
Mitel 5604 License DECT Location	Additional Feature	Mitel	51015974	\$ 150.00



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Item Description	Item Type	Manufacturer	Model	Cost
Mitel 5607 Services License	Additional Feature	Mitel	51301120	\$ 260.00
Mitel 5607 Alarm License	Additional Feature	Mitel	51301121	\$ 290.00
Mitel 5607 DECT Location License	Additional Feature	Mitel	51301122	\$ 155.00
Mitel 5607 Charger Global(excl EU)	Additional Feature	Mitel	51301124	\$ 88.00
Mitel 5603/04/07 Programmer NA	Additional Feature	Mitel	51301127	\$ 265.00
Mitel 5603/04/07/24 Rack Charger Global	Additional Feature	Mitel	51301129	\$ 675.00
Mitel 5607 Battery Pack Charger Global	Additional Feature	Mitel	51301130	\$ 675.00
Mitel 5607 Headset Adapter	Additional Feature	Mitel	51301133	\$ 83.00
Mitel 5607 Leather Case	Additional Feature	Mitel	51301134	\$ 85.00
Mitel 5607 Spare Belt Clip	Additional Feature	Mitel	51301135	\$ 19.50
Mitel 5607 Security Swivel Clip	Additional Feature	Mitel	51301136	\$ 21.50
Mitel 5607 Global	Additional Feature	Mitel	51301142	\$ 750.00
Mitel 5607 Spare Battery Pack	Additional Feature	Mitel	51301143	\$ 94.00
Mitel 5607 Alarm Pull Cord	Additional Feature	Mitel	51301480	\$ 26.00
			<b>BASESTATIONS &amp; ACCESSORIES</b>	
Description			Part Number	
Mitel 5606 Handset Belt Clip	Additional Feature	Mitel	51012499	\$ 18.00
Mitel 5606 Safety Lanier	Additional Feature	Mitel	51012501	\$ 18.00
Mitel 5606 Leather Case	Additional Feature	Mitel	51012503	\$ 68.00
Mitel 5606 Battery Pk Adpt Rack Charger	Additional Feature	Mitel	51012504	\$ 60.00
Mitel 5602 Leather Case	Additional Feature	Mitel	51012509	\$ 60.00
Mitel 5602 Handset Belt Clip	Additional Feature	Mitel	51012521	\$ 83.00
Mitel 5602 Rack Charger No Pwr Sup	Additional Feature	Mitel	51012524	\$ 400.00
IP DECT SARI Certificate (Global)	Additional Feature	Mitel	51012533	\$ 56.00
IP DECT Basestation Mount Brkt (Glob)	Additional Feature	Mitel	51012538	\$ 41.00
IP DECT Basestation Power Supply-AU	Additional Feature	Mitel	51012689	\$ 75.00
IP DECT Spare Batt Pk Site Survey Kit	Additional Feature	Mitel	51012692	\$ 950.00
IP DECT Spare Charger Site Survey Kit	Additional Feature	Mitel	51012693	\$ 485.00
Site Survey Kit v2 - EU/NA/UK P/S	Additional Feature	Mitel	51300484	\$ 3,995.00
Pole Mounting Kit for Outdoor Housing v2	Additional Feature	Mitel	51300485	\$ 95.00
Basestation Outdoor Housing v2	Additional Feature	Mitel	51300486	\$ 650.00
IP-DECT Site Survey Kit v2 No Pwr Sup	Additional Feature	Mitel	51300851	\$ 3,250.00
Spare Batt Chger for Site Survey Kit v2	Additional Feature	Mitel	51300852	\$ 375.00
Spare Batt Pack for Site Survey Kit v2	Additional Feature	Mitel	51300853	\$ 745.00
Basestation v2(Global)	Additional Feature	Mitel	51301118	\$ 1,195.00
			<b>MESSAGING COMPONENTS</b>	
Description			Part Number	
Wireless Messaging Gateway v3(incl P/S)	Additional Feature	Mitel	51301137	\$ 1,340.00

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Item Description	Item Type	Manufacturer	Model	Cost
Wireless Messaging Gateway v3 Std Lic	Additional Feature	Mitel	51301138	\$ 3,320.00
Wireless Messaging Gateway v3 OAP Lic	Additional Feature	Mitel	51301139	\$ 3,810.00
Mitel Msg`ing G`way v3 19 Front Rack Mt"	Additional Feature	Mitel	51301140	\$ 72.00
Mitel Msg`ing G`way v3 19 Back Rack Mt"	Additional Feature	Mitel	51301141	\$ 72.00
MITEL SOFTWARE ASSURANCE PROGRAM				
MITEL COMMUNICATIONS DIRECTOR SOFTWARE ASSURANCE				
Description			Part Number	
STD SWAS MCD ONS (Analog)	Additional Feature	Mitel	54005196	\$ 4.00
STD SWAS MCD User	Additional Feature	Mitel	54005197	\$ 10.00
STD SWAS MCD for MiCD Base	Additional Feature	Mitel	54005333	\$ 125.00
STD SWAS MCD for MiCD User	Additional Feature	Mitel	54005334	\$ 40.00
STD SWAS Designated License Manager	Additional Feature	Mitel	54005419	\$ -
PREM SWAS MCD BASE (INCL 16 USERS)	Additional Feature	Mitel	54005654	\$ 38.00
PREM SWAS MCD ONS (ANALOG)	Additional Feature	Mitel	54005655	\$ 1.00
PREM SWA MCD USER	Additional Feature	Mitel	54005657	\$ 3.00
PREM SWAS MCD for MICD SP Base CAP	Additional Feature	Mitel	54005683	\$ -
PREM SWAS MCD for MICD SP User CAP	Additional Feature	Mitel	54005684	\$ -
PREM SWAS Designated License Manager	Additional Feature	Mitel	54005689	\$ -
STD SWAS Virtual MCD Base	Additional Feature	Mitel	54005755	\$ 125.00
PREM SWAS Virtual MCD Base	Additional Feature	Mitel	54005756	\$ 38.00
STD SWAS Virtual MCD Business Base	Additional Feature	Mitel	54005760	\$ 125.00
PREM SWAS Virtual MCD Business Base	Additional Feature	Mitel	54005761	\$ 38.00
			5000 CP SOFTWARE ASSURANCE	
Description			Part Number	
5000 Software Assurance: Enrollment	Additional Feature	Mitel	54004228	\$ 400.00
STD SWAS 5000 CP Base	Additional Feature	Mitel	54005233	\$ 400.00
PREM SWAS 5000 CP BASE	Additional Feature	Mitel	54005682	\$ 300.00
			NUPOINT UNIFIED MESSAGING SOFTWARE ASSUR	
Description			Part Number	
NP-UM 640E SW Assurance 1 YR 8 Ports	Additional Feature	Mitel	54004451	\$ 900.00
STD SWAS NPM VMPort	Additional Feature	Mitel	54005208	\$ 39.00
STD SWAS NPM Speech Port	Additional Feature	Mitel	54005209	\$ 110.00
STD SWAS NPM Std Edition Base	Additional Feature	Mitel	54005210	\$ 230.00

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
STD SWAS NPM NPM Single Server or Virtual BASE Base	Additional Feature	Mitel	54005211	\$ 375.00
STD SWAS NPM 640 Base	Additional Feature	Mitel	54005213	\$ 1,700.00
STD SWAS NPM 640 VMPort	Additional Feature	Mitel	54005214	\$ 110.00
PREM SWAS NPM VMPORT	Additional Feature	Mitel	54005659	\$ 12.00
PREM SWAS NPM SPEECH PORT	Additional Feature	Mitel	54005660	\$ 33.00
PREM SWAS NPM BASE	Additional Feature	Mitel	54005661	\$ 69.00
PREM SWAS NPM Single Server or Virtual BASE	Additional Feature	Mitel	54005662	\$ 113.00
PREM SWAS NPM 640 BASE	Additional Feature	Mitel	54005663	\$ 510.00
PREM SWAS NPM 640 VMPORT	Additional Feature	Mitel	54005664	\$ 33.00
			MITEL APPLICATIONS SUITE SOFTWARE ASSURAN	
Description			Part Number	
MAS Msg & Conf for 5000 SWA: 1 Year	Additional Feature	Mitel	54004311	\$ 500.00
STD SWAS MAS Base	Additional Feature	Mitel	54005222	\$ 100.00
STD SWAS MAS NPM Mailbox	Additional Feature	Mitel	54005223	\$ 3.50
STD SWAS MAS UCM User	Additional Feature	Mitel	54005226	\$ 2.00
STD SWAS MAS UCM Client	Additional Feature	Mitel	54005227	\$ 8.00
STD SWAS MAS AWC Audio Port	Additional Feature	Mitel	54005229	\$ 33.00
STD SWAS MAS AWC Web Port	Additional Feature	Mitel	54005230	\$ 17.00
STD SWAS MAS MBD	Additional Feature	Mitel	54005231	\$ 250.00
STD SWAS MAS CSM	Additional Feature	Mitel	54005234	\$ 750.00
PREM SWAS MAS BASE	Additional Feature	Mitel	54005669	\$ 30.00
PREM SWAS MAS NPM MAILBOX	Additional Feature	Mitel	54005673	\$ 1.00
PREM SWAS MAS AWC AUDIO PORT	Additional Feature	Mitel	54005678	\$ 10.00
PREM SWAS MAS AWC WEB PORT	Additional Feature	Mitel	54005679	\$ 5.00
PREM SWAS MAS CSM	Additional Feature	Mitel	54005680	\$ 225.00
PREM SWAS MAS MBD	Additional Feature	Mitel	54005681	\$ 75.00
			UNIFIED COMMUNICATOR	
Description			Part Number	
STD SWAS UCA Base	Additional Feature	Mitel	54005200	\$ 125.00
STD SWAS UCA Deskphone	Additional Feature	Mitel	54005201	\$ 11.00
STD SWAS UCA Softphone	Additional Feature	Mitel	54005202	\$ 8.00
STD SWAS UCM Base	Additional Feature	Mitel	54005228	\$ 100.00
STD SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005343	\$ 5.00
PREM SWAS UCA DESKPHONE	Additional Feature	Mitel	54005670	\$ 3.00
PREM SWAS UCA SOFTPHONE	Additional Feature	Mitel	54005671	\$ 2.50
PREM SWAS UCA Web / Mobile Portal	Additional Feature	Mitel	54005672	\$ 1.50
PREM SWAS UCA BASE	Additional Feature	Mitel	54005688	\$ 38.00
			MBG/TELEWORKER SOFTWARE ASSURANCE	

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Description			Part Number	
STD SWAS MBG TW User	Additional Feature	Mitel	54005218	\$ 12.00
STD SWAS MBG SIP Connect	Additional Feature	Mitel	54005219	\$ 6.00
STD SWAS MBG Base	Additional Feature	Mitel	54005220	\$ 25.00
STD SWAS MBG SRC Tap	Additional Feature	Mitel	54005388	\$ 6.00
PREM SWAS MBG TW USER	Additional Feature	Mitel	54005665	\$ 3.00
PREM SWAS MBG SIP CONNECT	Additional Feature	Mitel	54005666	\$ 2.00
PREM SWAS MBG BASE	Additional Feature	Mitel	54005668	\$ 8.00
			MITEL COMMUNICATION SUITE SOFTWARE ASSU	
Description			Part Number	
STD SWAS MCS Base (16 users)	Additional Feature	Mitel	54005198	\$ 125.00
PREM SWAS MCS BASE (INCL 16 USERS)	Additional Feature	Mitel	54005658	\$ 38.00
			ENTERPRISE MANAGER SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS EntMgr Base	Additional Feature	Mitel	54005191	\$ 100.00
STD SWAS EntMgr Node	Additional Feature	Mitel	54005192	\$ 90.00
PREM SWAS ENTMGR BASE	Additional Feature	Mitel	54005652	\$ 30.00
PREM SWAS ENTMGR NODE	Additional Feature	Mitel	54005653	\$ 27.00
			TELECOLLABORATION SOFTWARE ASSURANCE	
Description			Part Number	
STD SWAS Telecollab Meeting Room	Additional Feature	Mitel	54005205	\$ 4,275.00
PREM SWAS HD Solo	Additional Feature	Mitel	54005685	\$ 690.00
PREM SWAS TELECOLLAB OFFICE	Additional Feature	Mitel	54005686	\$ 962.00
PREM SWAS TELECOLLAB MEETING ROOM	Additional Feature	Mitel	54005687	\$ 1,283.00
			AMC TRANSFER ADMIN FEE	
Description			Part Number	
AMC TRANSFER ADMIN FEE	Additional Feature	Mitel	53003159	\$ 50.00
			MOBILE EXTENSION SOFTWARE ASSURANCE	
Description			Part Number	
PREM SWAS MAS UCM USER	Additional Feature	Mitel	54005675	\$ 1.00
PREM SWAS MAS UCM CLIENT	Additional Feature	Mitel	54005676	\$ 2.00
PREM SWAS UCM BASE	Additional Feature	Mitel	54005677	\$ 30.00
			SRC SOFTWARE ASSURANCE	
Description			Part Number	
PREM SWAS MBG SRC TAP	Additional Feature	Mitel	54005667	\$ 2.00
			CUSTOMER SERVICE MANAGER SOFTWARE ASSU	
Description			Part Number	
PREM SWAS MCS BASE (INCL 16 USERS)	Additional Feature	Mitel	54005658	\$ 38.00

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Item Description	Item Type	Manufacturer	Model	Cost
STD SWAS, CSM	Additional Feature	Mitel	54005744	\$ 750.00
PREM SWAS, CSM	Additional Feature	Mitel	54005746	\$ 225.00
			MITEL BUSINESS DASHBOARD SOFTWARE ASSUR.	
Description			Part Number	
STD SWAS, MBD	Additional Feature	Mitel	54005745	\$ 250.00
PREM SWAS, MBD	Additional Feature	Mitel	54005747	\$ 75.00
VARIOUS ITEMS ASSOCIATED WITH INSTALLING VOICE AND DATA NETWORKING EQUIPMENT:				
ET&T COMPETITIVE DISCOUNT	Additional Component	Various Manufacturers	ETT DISC	\$ (1.00)
CREDIT FOR CABLE REUSE	Additional Component	Various Manufacturers	CABLE CREDIT	\$ (20.00)
CAT5E CABLED VOICE OR DATA OUTLET UP TO 295 FEET	Additional Component	Various Manufacturers	94ETNCAT5E	\$ 289.00
MISCELLANEOUS HARDWARE	Additional Component	Various Manufacturers	65HDNMISCHD	\$ 1.00
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
6-OUTLET FACEPLATE FOR HUBBELL ELECTRIC IVORY	Additional Component	Various Manufacturers	60HBN78IP6	\$ 2.21
SURFACE MOUNTS DUPLEX	Additional Component	Various Manufacturers	60HBN8602I	\$ 6.49
SURFACE BOX 2/PORT	Additional Component	Various Manufacturers	60HBN8602TI	\$ 6.72
SURFACE HSING 2/PORT V&D	Additional Component	Various Manufacturers	60HBN8602TIVD	\$ 4.11
SURFACE MOUNT - 4 DATA OUTLETS	Additional Component	Various Manufacturers	60HBN8604I	\$ 6.48
HUBBELL SC DUPLEX COUPLING 6-PK	Additional Component	Various Manufacturers	60HBNFASCMPB6	\$ 92.09
FLUSH FACEPLATE DUPLEX FOR CAT	Additional Component	Various Manufacturers	60HBNFPL12I	\$ 2.48
DUPLEX FLUSH JACKS V/D LABELED	Additional Component	Various Manufacturers	60HBNFPL12IVD	\$ 2.38
FLUSH FACEPLATE 3-GANG OUTLET	Additional Component	Various Manufacturers	60HBNFPL13I	\$ 2.21
QUAD FACEPLATE FOR HUBBELL	Additional Component	Various Manufacturers	60HBNFPL14HI	\$ 2.38
2/PORT GRAY PLT RECT	Additional Component	Various Manufacturers	60HBNFSL244GY	\$ 2.43
Hubbell Dual Jack Frame	Additional Component	Various Manufacturers	60HBNFSL244OW	\$ 2.57
ADAPTER PANEL, BLANK FSP HUBBELL	Additional Component	Various Manufacturers	60HBNFSPB	\$ 9.67
ADAPTER PANEL, FIBER 6 DUPLEX SC ORANGE HUBBELL	Additional Component	Various Manufacturers	60HBNFSPSCD06	\$ 110.72
SURGACE MOUNT BOX WEATHERPROOF 1 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNH14XGY	\$ 75.12

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 JACK WEATHERPROOF HUBBELL	Additional Component	Various Manufacturers	60HBNHI6	\$ 51.83
JACK PROTECTIVE CAP, CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNHIC	\$ 14.01
CAT 5E JACK, BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EB	\$ 7.26
CAT 5e JACK 568B BLACK	Additional Component	Various Manufacturers	60HBNHXJ5EBK	\$ 6.24
JACK,CAT 5E SPEEDGAIN WIRED 568B (GREEN FOR DATA) HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EGN	\$ 7.33
SPEEDGAIN XCELERATOR 5e JK OR	Additional Component	Various Manufacturers	60HBNHXJ5EOR	\$ 7.26
CAT 5 ORANGE DATA JACKS 25/PK	Additional Component	Various Manufacturers	60HBNHXJ5EOR25	\$ 127.50
HUBBELL VOICE JACK	Additional Component	Various Manufacturers	60HBNHXJ5EOW	\$ 5.95
SPEEDGAIN 5e 568B JK IVORY	Additional Component	Various Manufacturers	60HBNHXJ5ETI	\$ 7.26
CAT 5E JACK, WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ5EW	\$ 6.60
CAT 6 JACKS WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ60W	\$ 11.00
CAT 6 JACKS BLUE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6B	\$ 11.00
CAT 6 JACKS BLUE HUBBELL - 25 PK	Additional Component	Various Manufacturers	60HBNHXJ6B25PK	\$ 8.08
CAT 6 JACK EI HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6EI	\$ 9.83
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR	\$ 10.10
CAT 6 ORANGE JACKS	Additional Component	Various Manufacturers	60HBNHXJ6OR25	\$ 8.08
CAT 6 JACKS, TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNHXJ6TI	\$ 10.30
USOC 6-POSITION JACK E.I.	Additional Component	Various Manufacturers	60HBNHXJUEI	\$ 4.59
USOC JACK 6-CONDUCTOR	Additional Component	Various Manufacturers	60HBNHXJUTI	\$ 5.70
JACK, VOICE RJ-25 USOC 6 CONDUCTOR WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNHXJUW	\$ 5.75
1 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP110W	\$ 2.21
SINGLE FACEPLATE E.I.	Additional Component	Various Manufacturers	60HBNIFP11EI	\$ 2.45
FACE PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNIFP11TI	\$ 2.38
2 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNIFP120W	\$ 2.06
FACEPLATE 2/PORT E.I.	Additional Component	Various Manufacturers	60HBNIFP12EI	\$ 2.21
2 - PORT F.P. LABEL V&D	Additional Component	Various Manufacturers	60HBNIFP12IVD	\$ 2.53
DUPLEX FLUSH FACEPLATE BLANK	Additional Component	Various Manufacturers	60HBNIFP12TI	\$ 2.38
FACEPLATE, 2 PORT, SINGLE GANG WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP12W	\$ 2.45
SINGLE GANG TRIPLE JACK PLATE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP130W	\$ 2.45
FACE PLATE, FLUSH 3 PORT HUBBELL	Additional Component	Various Manufacturers	60HBNIFP13EI	\$ 2.38
TRIPPLICATE FLUSH FACEPLATE BLK	Additional Component	Various Manufacturers	60HBNIFP13TI	\$ 2.38
4 JACK SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIFP140W	\$ 2.38
FACEPLATE, QUAD FLUSH TELCO IVORY HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14TI	\$ 2.45
FACEPLATE, SINGLE GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP14W	\$ 2.30
FACEPLATE, 2 GANG 12 PORTS OFFICE WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNIFP2120W	\$ 10.85
FACE PLATE 2 GANG (EI) ELECTRIC IVORY - 6 PORT	Additional Component	Various Manufacturers	60HBNIFP26EI	\$ 4.78
1.5 UNIT BLANK MODULE HUBBELL GRAY 5-PK	Additional Component	Various Manufacturers	60HBNIMB15GY	\$ 3.40
HUBBELL SINGLE GANG PLATE	Additional Component	Various Manufacturers	60HBNIMF10W	\$ 2.45

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Item Description	Item Type	Manufacturer	Model	Cost
SINGLE GANG PLATE HUBBELL GRAY	Additional Component	Various Manufacturers	60HBNIMF1GY	\$ 2.82
2 JACK OUTLET FRAME HUBBELL	Additional Component	Various Manufacturers	60HBNISF20W	\$ 2.72
3 PORT FACEPLATE	Additional Component	Various Manufacturers	60HBNISF3OW	\$ 2.72
2 PORT SURFACE MOUNT BOX OFFICE WHITE	Additional Component	Various Manufacturers	60HBNISM20W	\$ 3.35
SURFACE MT HOUSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2EI	\$ 2.98
DUPLEX SURFACE HSING 2/PORT	Additional Component	Various Manufacturers	60HBNISM2TI	\$ 2.98
1-GANG 2H FACEPLATE HUBBELL	Additional Component	Various Manufacturers	60HBNMTP-12	\$ 2.04
FACEPLATE, 2 GANG 4 PORT WHITE HUBBELL	Additional Component	Various Manufacturers	60HBNNSP24W	\$ 2.33
HUBBELL MULTI MEDIA HOUSING	Additional Component	Various Manufacturers	60HBNOFPL	\$ 11.20
Patch Panel 16-PORT CAT 5e	Additional Component	Various Manufacturers	60HBNP.P.5-16	\$ 168.73
24 PORT PATCH PANEL CAT 5E	Additional Component	Various Manufacturers	60HBNP5E24B19E	\$ 161.50
PATCH PANEL 24 PT CAT5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E24U	\$ 161.50
48-PORT CAT 5E PATCH PANEL HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48B19E	\$ 344.42
Patch Panel 48-PORT CAT 5e ,WM,& BRKT	Additional Component	Various Manufacturers	60HBNP5E48BF	\$ -
PATCH PANEL 48 PT. CAT 5E HUBBELL	Additional Component	Various Manufacturers	60HBNP5E48U	\$ 289.00
PATCH PANEL 24 PORT CAT 6 HUBBELL	Additional Component	Various Manufacturers	60HBNP624U	\$ 248.20
WALL PLATES-HUBBELL	Additional Component	Various Manufacturers	60HBNP630516	\$ 12.75
WALL PLATES HUBBELL	Additional Component	Various Manufacturers	60HBNP630S1G	\$ 15.30
PATCH PANEL HUBBELL 48-PT CAT 6	Additional Component	Various Manufacturers	60HBNP648U	\$ 416.01
COVER & BASE, ADHESIVE LANTRAK HUBBELL	Additional Component	Various Manufacturers	60HBNPL1ABC7	\$ 3.25
REBOX CABINET 32X24X10 GRAY	Additional Component	Various Manufacturers	60HBNRE4	\$ 416.70
BLANKS, SNAP IN ELECTRIC IVORY 10/PK	Additional Component	Various Manufacturers	60HBNSFBE10	\$ 0.61
BLANK INSERTS, GRAY HUBBELL	Additional Component	Various Manufacturers	60HBNSFBG10	\$ 0.61
WHITE BLANK INSERTS (10-pk)	Additional Component	Various Manufacturers	60HBNSFBW10	\$ 0.63
F TYPE COAX COUPLER	Additional Component	Various Manufacturers	60HBNSFFGOW	\$ 4.85
COAX CONNECTORS F-TYPE HUBBELL WHITE	Additional Component	Various Manufacturers	60HBNSFFI	\$ 5.93
BLANK INSERTS FOR ISF F/PLATE	Additional Component	Various Manufacturers	60HBNSSB10	\$ 5.10
FACEPLATE, DUAL STAINLESS STEEL 1-G, 2 PORT W/ LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL12	\$ 16.24
FACEPLATE, STAINLESS STEEL, 1 GANG, 4 PORT W/LABEL FIELD	Additional Component	Various Manufacturers	60HBNSSFL14	\$ 16.24
RACK, CHANNEL HUBBELL	Additional Component	Various Manufacturers	60HBNVC76	\$ 238.92
PATCH PANEL 12 PORT, CAT 6 VERTICAL ICC	Additional Component	Various Manufacturers	60ICNPP12V60	\$ 114.75
COMPRESSION TOOL, OMNISEAL EX IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN30703	\$ 171.77
Splitter Two Way Coax	Additional Component	Various Manufacturers	60IDN85-032	\$ 3.21
CONNECTORS, UNISEAL BNC IDEAL INDUSTRIES	Additional Component	Various Manufacturers	60IDN89058	\$ 4.81
3.5MM MALE TO 3.5MM MALE MONO-AUDIO CABLE 27"	Additional Component	Various Manufacturers	60JAN319206	\$ 1.85
WALL PLATE SG 1 PORT	Additional Component	Various Manufacturers	60LEN410801IP	\$ 1.84
BLANK INSERTS, LEVITON	Additional Component	Various Manufacturers	60LEN41084-BIB	\$ 0.26
SS WALL PHONE PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108W1SP	\$ 9.18

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Item Description	Item Type	Manufacturer	Model	Cost
WALL PLATES LEVITON	Additional Component	Various Manufacturers	60LEN4108WOSP	\$ 10.20
DUAL GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290DMI	\$ 5.53
SINGLE GANG PLATE LEVITON	Additional Component	Various Manufacturers	60LEN41290SMI	\$ 2.04
BLANK INSERTS 1 UNIT LEVITON	Additional Component	Various Manufacturers	60LEN412911BI	\$ 1.17
FLUSH ADAPTERS 1 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412911MI	\$ 1.02
FLUSH ADAPTERS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412912Q1	\$ 1.19
BLANK INSERTS 1.5" LEVITON	Additional Component	Various Manufacturers	60LEN412942BI	\$ 1.11
ANGLED ADAPTORS 2 PORT LEVITON	Additional Component	Various Manufacturers	60LEN412942Q1	\$ 1.28
LEVITON CAT 6 JACK WHITE	Additional Component	Various Manufacturers	60LEN61110ORW6	\$ 8.35
CAT 6 VOICE JACKS LEVITON	Additional Component	Various Manufacturers	60LEN61110R16	\$ 7.74
CAT 6 RJ45 JACKS GRAY LEVITON	Additional Component	Various Manufacturers	60LEN61110RG6	\$ 7.74
CAT 6 RJ45 JACKS BLUE LEVITON	Additional Component	Various Manufacturers	60LEN61110RL6	\$ 9.74
Leviton CAT 6 48 port patch panel	Additional Component	Various Manufacturers	60LEN69586U48	\$ 382.04
STAINLESS STEEL TYPE PLATES	Additional Component	Various Manufacturers	60LEN84013	\$ 1.84
WHITE DECO PLUS 6/PR OUTLET	Additional Component	Various Manufacturers	60LVN40756-BW	\$ 4.74
WHITE 2/PORT DECO PLUS O-LET	Additional Component	Various Manufacturers	60LVN40850-BW	\$ 4.74
CONNECTOR CRIMP ON RG6 QUAD LEVITON	Additional Component	Various Manufacturers	60LVN40985Q06	\$ 0.60
SPLICE INLINE FOR RG59U	Additional Component	Various Manufacturers	60LVN40986	\$ 0.36
BLANK INSERTS, (10-PK) GRAY SNAP IN MODULE LEVITON	Additional Component	Various Manufacturers	60LVN41084BGB	\$ 0.22
F-TYPE BULKHEAD MODULE	Additional Component	Various Manufacturers	60LVN41084FIF	\$ 2.04
SURFACE MT FIELD, 2 PORT	Additional Component	Various Manufacturers	60LVN410892IP	\$ 2.69
SIX POS / SIX COND JACK	Additional Component	Various Manufacturers	60LVN41106-R16	\$ 3.57
PWR SUM T568A/B 8P/8C JK	Additional Component	Various Manufacturers	60LVN41108RO5	\$ 5.29
WALLPLATE, STAINLESS STEEL LEVITON	Additional Component	Various Manufacturers	60LVN430801S2	\$ 7.57
5/PR CONN BLKS 110	Additional Component	Various Manufacturers	60LVN49105-IDC	\$ 8.50
COAX BULKHEAD PANEL LEVITON	Additional Component	Various Manufacturers	60LVN49255H48	\$ 85.00
32-PORT FIELD CONF PNL	Additional Component	Various Manufacturers	60LVN49255Q32	\$ 68.37
4 PT MOD FURN FACEPLATE W/WINDOW GRAY LEVITON	Additional Component	Various Manufacturers	60LVN49910HG4	\$ 4.76
QUAD INSERT FOR MOD. FURN.,GREY LEVITON	Additional Component	Various Manufacturers	60LVN49910SG4	\$ 3.81
GIGAMAX SNAP IN JK RED 5E	Additional Component	Various Manufacturers	60LVN5G108-RR5	\$ 6.10
CAT 5E BLUE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RL5	\$ 5.44
GIGAMAX SNP-IN JACK ORANGE	Additional Component	Various Manufacturers	60LVN5G108RO5	\$ 5.02
CAT 5E WHITE GIGAMAX SNAP IN JACK LEVITON	Additional Component	Various Manufacturers	60LVN5G108RW5	\$ 5.44
PATCH PANEL CAT5E 48-PORT	Additional Component	Various Manufacturers	60LVN5G596U48	\$ 272.00
CONNECTOR, SNAP IN EXTREME CAT 6+ , IVORY WIRED 568B L	Additional Component	Various Manufacturers	60LVN61110R16	\$ 9.66
PATCH PANEL 24 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270-U24	\$ 204.00
PATCH PANEL 48 PORT CAT 6	Additional Component	Various Manufacturers	60LVN69270U48	\$ 382.04
CONNECTOR, SNAP IN EXTREME CAT 6+ WIRED 568 B LEVITON	Additional Component	Various Manufacturers	60LYN6110R16	\$ -



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Item Description	Item Type	Manufacturer	Model	Cost
HORIZONTAL CABLE MANAGEMENT MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPCD3645	\$ 260.63
VERTICAL MANAGEMEAENT 2"W X 3"D X 51RU MIDDLE ATLANTI	Additional Component	Various Manufacturers	60MANPCP2351	\$ 150.16
HORIZONTAL CABLE MANAGER 2RU 3" DEEP MIDDLE ATLANTIC	Additional Component	Various Manufacturers	60MANPHCM23	\$ 40.39
WALL PLATES-PAINTED	Additional Component	Various Manufacturers	60MBN99477	\$ 1.87
WALL MOUNT BRACKET SX-200 ML/EL	Additional Component	Various Manufacturers	60MIN50000786	\$ 143.65
ORTRONICS WALL MOUNT EQUIP SHF	Additional Component	Various Manufacturers	60ORN60400006	\$ 108.80
WIRE MANAGEMENT PANEL 3.5 X 19 ORTRONICS	Additional Component	Various Manufacturers	60ORN6040005	\$ 68.00
MIGHTY MO RACK 6.5" CHANNEL ORTRONICS	Additional Component	Various Manufacturers	60ORN6040014	\$ 408.00
WALL MOUNT 48 FIBER PATCH ORTRONICS	Additional Component	Various Manufacturers	60ORN615SMFC	\$ 289.00
PANEL 6ST DUAL CER SM/MM ORTRONICS	Additional Component	Various Manufacturers	60ORN615ST6C	\$ 144.50
ST COUP PANEL MM METAL SL ORTRONICS	Additional Component	Various Manufacturers	60ORN615STDS	\$ 76.50
RACK MT 12 ST MTL RECESSE ORTRONICS	Additional Component	Various Manufacturers	60ORN62512PA	\$ 246.50
RACKMOUNT 12/ST CER RECESSE	Additional Component	Various Manufacturers	60ORN62512PB	\$ 306.00
WIRE MANANAGEMENT PANEL, FINGER DUCT 2 RMO, 3" HORIZO	Additional Component	Various Manufacturers	60ORN8080445	\$ 93.50
WIRE MGMNT 3.5 X 1.7	Additional Component	Various Manufacturers	60ORN8084759	\$ 48.96
HINGED BRACKET 24-PORT P.P.	Additional Component	Various Manufacturers	60ORNOR-60400	\$ 43.61
EQUIPMENT SHELF	Additional Component	Various Manufacturers	60ORNOR-60400405	\$ 85.87
PATCH PANEL PORT CAT 5E 24	Additional Component	Various Manufacturers	60ORNOR-PHD5E6U24	\$ 177.36
CAT 6 48 PT PATCH PANEL ORTRONICS	Additional Component	Various Manufacturers	60ORNPHD66U4	\$ 442.00
JACKS, MINI COM CAT 5E IVORY PANDUIT	Additional Component	Various Manufacturers	60PANCJ5E88T	\$ 8.67
Mini Com Cat5e Jacks Ivory	Additional Component	Various Manufacturers	60PANCJ5E88TGEI	\$ 8.67
PANDUIT VERTICAL WIRE MANAGEMENT	Additional Component	Various Manufacturers	60PANWMBV2	\$ 22.98
CASE FAN 3" OR 3.5" 8X8 PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCASEFAN	\$ 25.48
FN ONLY FOR P3 OR AMD PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNATMCPUFAN	\$ 33.98
ATM CPU FAN PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNCPUFAN	\$ 33.98
FIBER OPTIC WALL MT SPLICE & TERM LOADED 12F UNIT CENT	Additional Component	Various Manufacturers	60PCNFUI2SC	\$ 533.73
FIBER OPTIC RACK MOUNT SPLICE & TERM LOADED UNIT AND A	Additional Component	Various Manufacturers	60PCNFTS12C	\$ 623.49
FIBER OPTIC RACK SPLICE & TERM LOADED UNIT AND ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35036	\$ 1,324.64
FIBER OPTIC WALL RACK MT SPLICE & TERM LOADED ASSEMBL	Additional Component	Various Manufacturers	60PCNFTS35048	\$ 1,627.21
ATM POWER SUPPLY FAN 80MM PC WAREHOUSE	Additional Component	Various Manufacturers	60PCNPFSFAN	\$ 25.48
FAN OUT KIT PANDUIT	Additional Component	Various Manufacturers	60PDNBT2506	\$ 17.00
PANDUIT CAT 5E JACKS	Additional Component	Various Manufacturers	60PDNCJ588OR	\$ 8.04
CAT5E SHEILDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS5E88T	\$ 8.42
CAT 6 SHIELDED JACK MODULE	Additional Component	Various Manufacturers	60PDNCJS688TG	\$ 14.52
D RING HORIZ. CABLE MGMT 19"X1.5"X3" BLK PANDUIT	Additional Component	Various Manufacturers	60PDNCMPHF1	\$ 37.77
FAN OUT KIT 12/FIBERS	Additional Component	Various Manufacturers	60PDNF012CB	\$ 49.86
FAN OUT KIT FOR 6/FIBERS	Additional Component	Various Manufacturers	60PDNF06CB	\$ 26.10
FIBER OPTIC DUPLEX ADAPTER PANELS 3 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP3WBUD	\$ 87.13

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
3-PORT SC ADAPTER PANELS DPLX	Additional Component	Various Manufacturers	60PDNFAP3WDSC	\$ 73.44
FIBER OPTIC DUPLEX ADAPTER PANELS 6 PORT SC FOR SM FIBER	Additional Component	Various Manufacturers	60PDNFAP6WBUD	\$ 174.25
6-PORT PANEL SC LOADED	Additional Component	Various Manufacturers	60PDNFAP6WDSC	\$ 147.63
RK MT 24/48 ENCLOSURE 1U	Additional Component	Various Manufacturers	60PDNFMD1	\$ 269.45
24 PORT FIBER OPTIC INTER CONNECT DRAWER	Additional Component	Various Manufacturers	60PDNFMD24	\$ 290.07
18/36 RACK MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME1	\$ 268.60
RK-MT FIBER ENCLOSURE 54/108	Additional Component	Various Manufacturers	60PDNFRME3	\$ 379.95
RACK MOUNT ENCLOSURE PANDUIT	Additional Component	Various Manufacturers	60PDNFRME4	\$ 456.23
48/96 PORT RACK MT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFRME48BL	\$ 297.59
72/144 PORT FIBER RM ENCLOSE	Additional Component	Various Manufacturers	60PDNFRME72BL	\$ 452.20
12/24 PORT FIBER OPTIC WALL ENC, PANDUIT	Additional Component	Various Manufacturers	60PDNFWME12BL	\$ 100.22
24/48 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME24EB	\$ 217.09
48/96 WALL MOUNT ENCLOSURE	Additional Component	Various Manufacturers	60PDNFWME48BL	\$ 243.10
WIRE MGMNT PANEL (PANDUIT)	Additional Component	Various Manufacturers	60PDNWMP1	\$ 93.76
PANDUIT CABLE MANAGER COVER	Additional Component	Various Manufacturers	60PDNWMP1RFC	\$ 7.00
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 3'	Additional Component	Various Manufacturers	60PDNWMPF1E	\$ 70.41
HORIZONTAL WIRE MANAGEMENT - FRONT ONLY, 1.5'	Additional Component	Various Manufacturers	60PDNWMPFSE	\$ 60.16
VERTICAL CABLE MGT 4X5 FRT/REAR 45RU PANDUIT	Additional Component	Various Manufacturers	60PDNWMPV45E	\$ 301.27
VERTICAL PANEL CENTER BRACKET	Additional Component	Various Manufacturers	60PDNWMPVCB	\$ 10.37
WIRE MANAGEMENT PANELS (S & C)	Additional Component	Various Manufacturers	60PDNWMPVF20	\$ 82.45
VERTICAL MANAGER, FRONT ONLY PANDUIT	Additional Component	Various Manufacturers	60PDNWMPVF45E	\$ 185.64
VERTICAL WIRE MANAGEMENT FR. & REAR	Additional Component	Various Manufacturers	60PDNWMPVHC45	\$ 376.31
VERTICAL WIRE MANAGEMENT (FRONT)	Additional Component	Various Manufacturers	60PDNWMPVHCF45	\$ 376.31
FACEPLATE, RG6 LOADED, COAX PICO/MACOM	Additional Component	Various Manufacturers	60PINWP811V	\$ 0.82
WALL JACK PLATE STAINLESS STEEL ALLEN TEL	Additional Component	Various Manufacturers	60PRNSE-630A4	\$ 5.63
SC CONNECTORS 62.5 MICRON (FIBER)	Additional Component	Various Manufacturers	60SCN95-00041	\$ 22.53
SC SM F.O. CONNECTORS EPOXY	Additional Component	Various Manufacturers	60SCN95-20008	\$ 13.89
SC UNICAM SM FIBER OPTIC CONN	Additional Component	Various Manufacturers	60SCN95-2041	\$ 25.93
CONNECTOR ST- MM UNICAM CORNING	Additional Component	Various Manufacturers	60SCN95000-50	\$ 14.35
CONNECTOR ST SM UNICAM SGL MD PC CORNING	Additional Component	Various Manufacturers	60SCN9520051	\$ 22.08
SPLICE ENCLOSURE KIT	Additional Component	Various Manufacturers	60SCNBB2128882	\$ 124.30
FAN OUT KIT FOR LT CBL 12-F BUFFER 25" FAN OUT TUBING	Additional Component	Various Manufacturers	60SCNBT2512	\$ 22.95
CORNING FIBER ENCLOSURE	Additional Component	Various Manufacturers	60SCNCCH-02U	\$ 339.47
ADAPTER PANEL 12 STRAND CORNING	Additional Component	Various Manufacturers	60SCNCCH-CPI2-91	\$ 71.40
CORNING FIBER ADAPTER	Additional Component	Various Manufacturers	60SCNCCHCP1215T	\$ 53.36
CORNING SM FIBER ADAPTER PANEL	Additional Component	Various Manufacturers	60SCNCHCP1259	\$ 98.60
CORNING FAN	Additional Component	Various Manufacturers	60SCNFNBT2512	\$ 18.67
CORNING INDUSTRIAL FIBER HOUSING	Additional Component	Various Manufacturers	60SCNICH02P	\$ 476.00

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Item Description	Item Type	Manufacturer	Model	Cost
SPLICE TRAY	Additional Component	Various Manufacturers	60SCNM67031M	\$ 58.11
PATCH PANEL,24 PORT, RG6 LOADED, COAX SEMTRON	Additional Component	Various Manufacturers	60SENP10124	\$ 106.25
WALL BRACKET FOR 60SENP10124, COAX SEMTRON	Additional Component	Various Manufacturers	60SENWMB1014	\$ 56.95
ADAPTER PANEL , FIBER SC-12 SIEMON	Additional Component	Various Manufacturers	60SINRICFSC12	\$ 96.39
100 PAIR BASE W/LEGS SIEMON	Additional Component	Various Manufacturers	60SINS110AA21	\$ 37.98
300 PR 110 BASE W/LEGS 5 PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AA23	\$ 115.60
300 PR 110 BASE W/LEGS 4PR CONNECTORS	Additional Component	Various Manufacturers	60SINS110AB23	\$ 104.48
CONNECTORS, 4 PR- 110	Additional Component	Various Manufacturers	60SINS110C-4	\$ 0.95
RACK MOUNT 110 BLOCK SIEMON	Additional Component	Various Manufacturers	60SINS110DA21	\$ 102.41
DIST RING METAL 13C	Additional Component	Various Manufacturers	60SINSI-4755	\$ 2.13
CAT 7 JACKS SIEMON	Additional Component	Various Manufacturers	60SINT7F011	\$ 21.61
CAT 7 PATCH PANEL, 24 PORT UNLOADED SIEMON	Additional Component	Various Manufacturers	60SINTMPNLZ	\$ 91.51
110 500 PAIR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110M500	\$ 346.80
S110 500/PR TERMINATION KIT	Additional Component	Various Manufacturers	60SMN110MA2	\$ 337.45
WALL BRACKET FOR P.P. (48-PORT)	Additional Component	Various Manufacturers	60SPN442-516	\$ 43.59
Patch Panel 24-PORT CAT5e	Additional Component	Various Manufacturers	60SPN449-257	\$ 146.95
Patch Panel 48-PORT CAT-5/5E	Additional Component	Various Manufacturers	60SPN449-258	\$ 396.10
Patch Panel 12-PORT CAT5/5e	Additional Component	Various Manufacturers	60SPN449-685	\$ 99.35
RJ48X ASSEMBLY / SMART JACK	Additional Component	Various Manufacturers	60SPNRJ48X	\$ 6.31
WIRE MGMT PANEL	Additional Component	Various Manufacturers	60SPNWM35-DS	\$ 57.46
6-CONDUCTOR SURFACE JACK IVORY	Additional Component	Various Manufacturers	60SUNSE625A-6	\$ 2.31
RJ-45X TELECOMM JACK / RJ-31X	Additional Component	Various Manufacturers	60SUNSE625A28	\$ 4.37
PE/PVC BLUE JACKET REELS SYSTIMAX	Additional Component	Various Manufacturers	60SYN1061	\$ 0.19
1 PORT MOD JACK CAT 5E ORANGE SYSTIMX	Additional Component	Various Manufacturers	60SYNMPS100E112	\$ 10.32
POLE HARDWARE	Additional Component	Various Manufacturers	60TVNPOLEHDW	\$ 1,600.77
TRENDENT 16 PORT DATA SWITCH W/ POE	Additional Component	Various Manufacturers	60TWNTPES88	\$ 380.80
CAT 6 SL 110 MOD JACK ALMOND TYCO	Additional Component	Various Manufacturers	60TYN13750551	\$ 10.35
CAT 6 SL 110 MOD JACK BLUE TYCO	Additional Component	Various Manufacturers	60TYN13750556	\$ 10.35
TBNC TO BNC, CABLE PLENUM 25' EXTRON	Additional Component	Various Manufacturers	60VSN2637804	\$ 176.80
WALL PLATE EXTRON	Additional Component	Various Manufacturers	60VSNWP180	\$ 255.00
110 TERMINATION BLOCK KIT ALLENTEL	Additional Component	Various Manufacturers	61ALN100C4KIT	\$ 44.74
5-PAIR CONN BLOCK 110 CAT5E NON-TERMINATED (COMES 100/	Additional Component	Various Manufacturers	61ATN10380125	\$ 1.09
PROJECTOR MOUNT, UNIVERSAL	Additional Component	Various Manufacturers	61CENRPAU	\$ 204.00
BRACKET, CABLE TRAY WALL 12" GRAY	Additional Component	Various Manufacturers	61CHN11421-112	\$ 28.90
B CONNECTORS SEALANT FILLED, BLUE	Additional Component	Various Manufacturers	61DONDC100S	\$ 0.14
WEATHERPROOF HOUSING W/SPRINGKIT ON DOOR	Additional Component	Various Manufacturers	61GAN255-14SP	\$ 277.10
CONNECTOR BLOCK KIT W/ BRACKETS & CLIPS	Additional Component	Various Manufacturers	61GBN100C5-KIT	\$ 40.92
110 BLOCK W/LEGS 100 PAIR ALLEN TEL	Additional Component	Various Manufacturers	61GBN110BK-100	\$ 22.39

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Item Description	Item Type	Manufacturer	Model	Cost
GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	61GBN3B1E	\$ 3.83
66 MODULAR X-CONN BLOCK W/16-6	Additional Component	Various Manufacturers	61HBNBR256066	\$ 204.00
EQUIPMENT RACK 7'X19" RACK MT. VERTICAL BLK HUBBELL	Additional Component	Various Manufacturers	61HBNCR1976	\$ 637.50
WALL BRACKET HINGED HUBBELL	Additional Component	Various Manufacturers	61HBNHPWWB4U8	\$ 104.87
COAX BARREL CONNECTOR	Additional Component	Various Manufacturers	61HODCOAXCBLFDC	\$ 6.36
HINGED COVER, FIBERGLASS TYPE 4X HOFFMAN	Additional Component	Various Manufacturers	61HOND16148	\$ 222.70
MOUNTING BRACKETS FOR CS5200/5400 BASE SYSTEM	Additional Component	Various Manufacturers	61INN823.1392	\$ 17.00
CAT 5E PRIMARY PROTECTOR, 4 PAIR	Additional Component	Various Manufacturers	61ITNCAT5-LAN	\$ 117.30
CABLE MGMNT HORIZONTAL	Additional Component	Various Manufacturers	61LVN41D1R-HCM	\$ 28.82
200PR RK MT 110 BLK W/ 5-PR-CON	Additional Component	Various Manufacturers	61LVN41DBR-2FS	\$ 139.83
300PR RK MT 110 BLK W/ 5-PR CON	Additional Component	Various Manufacturers	61LVN41DBR-3FS	\$ 200.60
BRACKET, PKM 48 LONG	Additional Component	Various Manufacturers	61MIN13280029	\$ 30.35
BIX DIST CONN CAT5 4/PR	Additional Component	Various Manufacturers	61NCNA0393146	\$ 9.06
GAS TUBE PROTECTOR DATA	Additional Component	Various Manufacturers	61PSN1504PX27	\$ 102.43
50 PAIR QUICK CLIP IN RJ21X 9 (GAS TUBES/W/66 IN AND FRJ (RJ2	Additional Component	Various Manufacturers	61PSN2405066F	\$ 450.50
100 PR PROTECTOR, MODULES INCLUDED W/ COVER PORTA SYS	Additional Component	Various Manufacturers	61PSN2510066	\$ 799.34
25/GAS TUBE PROTECTOR W/BLOCK	Additional Component	Various Manufacturers	61PSN58IP-225	\$ 247.81
DELTA PROTECTOR MODULE-230V	Additional Component	Various Manufacturers	61PSN95BCDXN230	\$ 2.52
HINGED COVER ORANGE 66-BLOCK	Additional Component	Various Manufacturers	61PTNPSH66MO	\$ 1.67
B-CONNECTOR	Additional Component	Various Manufacturers	61RENRB-1000	\$ 0.09
CONNECTOR BLOCK FOR 66	Additional Component	Various Manufacturers	61SEN66B4-25	\$ 42.72
CONNECTOR BLOCK	Additional Component	Various Manufacturers	61SEN66M150	\$ 11.76
COVER FOR 66M150 BLOCK WHITE	Additional Component	Various Manufacturers	61SEN779-025	\$ 4.83
BRACKET FOR M150 BLOCK	Additional Component	Various Manufacturers	61SEN89-B	\$ 2.30
METAL HOUSING FOR 66 BLOCK	Additional Component	Various Manufacturers	61SENNH5049	\$ 79.68
BRACKET EXTENSION TUBE SHARP	Additional Component	Various Manufacturers	61SHNANEP101AP	\$ 159.38
ANGLE MOUNT JOINT SHARP	Additional Component	Various Manufacturers	61SHNANJT200P	\$ 106.25
PROJECTOR BRACKET	Additional Component	Various Manufacturers	61SHNANXGCM53	\$ 414.38
S110 300 PR FIELD TERMINATION KIT (5 PR) SIEMON	Additional Component	Various Manufacturers	61SINS110AA2	\$ 129.63
300 PAIR S110 TOWER TERMINATION KIT SIEMON	Additional Component	Various Manufacturers	61SINS110MB2	\$ 198.24
PROJECTOR BRACKET, RPAU UNIVERSAL	Additional Component	Various Manufacturers	61UNNRPAU	\$ 204.00
24-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62-CA-N/024KSA20	\$ 3.06
48-STRAND ID/OD FOC mm 62.5/125	Additional Component	Various Manufacturers	62-CA-N/048KWA20	\$ 5.36
Cable 12 PR/24 GUAGE FIG '8' O/H (1/4" MESSENGER)	Additional Component	Various Manufacturers	62ALN12/24O/H	\$ 1.11
Cable FIG '8' O.H.	Additional Component	Various Manufacturers	62ALN6/24 O/H	\$ 0.99
CABLE, 12 PR OUTSIDE/OVERHEAD 24-12 EXCHANGE CABLE PE	Additional Component	Various Manufacturers	62ALNE001224	\$ 0.82
VIDEO/POWER CABLE 100' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL100P	\$ 32.28
VIDEO/POWER CABLE 50' WHITE BNC TO RCA	Additional Component	Various Manufacturers	62ARNCBL50PV	\$ 23.78

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Item Description	Item Type	Manufacturer	Model	Cost
Cable 50 PAIR, 24G UNDERGROUND	Additional Component	Various Manufacturers	62ATN50/24UG	\$ 2.57
Cable DATATWIST 350MHZ CAT5E BLUE	Additional Component	Various Manufacturers	62BDN1700A-B	\$ 0.13
Cable DATATWIST 350MHZ CAT5E WHITE	Additional Component	Various Manufacturers	62BDN1700A-W	\$ 0.13
RG11 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN3094A	\$ 0.62
RG6 COAX NON PLENUM BELDEN	Additional Component	Various Manufacturers	62BDN7916A	\$ 0.16
RG 6 COAX NON-PLENUM	Additional Component	Various Manufacturers	62BDN9116	\$ 0.10
RG6 CO-AXIAL CABLE (Non-Plenum)	Additional Component	Various Manufacturers	62BDNRG6	\$ 0.22
CAT 5e 4PR NON-PLENUM - BLUE BERK-TEK	Additional Component	Various Manufacturers	62BEN10032426	\$ 0.13
CAT 5E 4 PR NON-PLENUM - GRAY BERK-TEK	Additional Component	Various Manufacturers	62BEN10032447	\$ 0.13
Cable 18/2 Twisted Shielded Plenum BE	Additional Component	Various Manufacturers	62BEN887600021000	\$ 0.68
FIBER OPTIC CABLE 6 STRAND MM PLENUM ARMOR BERK-TEK	Additional Component	Various Manufacturers	62BENMIPJ6DN	\$ 2.57
Cable RG/59U Plenum BE	Additional Component	Various Manufacturers	62BENR659UP	\$ 0.48
Cable RG/6U Quad Shield Plenum BE	Additional Component	Various Manufacturers	62BENRG6UPTQ	\$ 0.72
EHS STEEL STRAND 1/4" (5/M FT ROLLS)	Additional Component	Various Manufacturers	62BHNEHS14US	\$ 0.27
CABLE KIT, 10' - WHITE BOGEN	Additional Component	Various Manufacturers	62BONCK10W	\$ 15.30
MESSANGER CABLE 1/4 " strand	Additional Component	Various Manufacturers	62BRN1/4	\$ 0.32
Cable CROSS CONNECT WIRE	Additional Component	Various Manufacturers	62BRN1/PR	\$ 0.05
CAT 5E 5' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-005	\$ 4.17
CAT 5E 10' PIGTAIL RJ45 SOLID COPPER	Additional Component	Various Manufacturers	62BSNM185-010	\$ 5.87
CAT 6 2000 BLUE, BERK-TEK LANMARK	Additional Component	Various Manufacturers	62BTN10064547	\$ 0.88
F.O.C. 6/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX06055D	\$ 0.51
F.O.C. 12/STRAND SM OCC	Additional Component	Various Manufacturers	62BTNBX12065D	\$ 0.88
Cable 6-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-006	\$ 1.02
Cable 12-STRAND H-DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-012	\$ 0.70
Cable 24-STRAND H.DUTY RISER sm	Additional Component	Various Manufacturers	62BTNLTR-024	\$ 1.84
Cable 48-STRAND H.DUTY RISE sm	Additional Component	Various Manufacturers	62BTNLTR-048	\$ 2.47
FIBER 6 STRAND, 62.5, MULTI MODE, I/O	Additional Component	Various Manufacturers	62BTNLTR006CB3510/25-BT	\$ 0.99
Cable 6/STRAND FOC mm W/ARMORED	Additional Component	Various Manufacturers	62BTNOPA-006	\$ 1.43
Cable 6-STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-006	\$ 0.55
Cable 24 STRAND I/O-DOOR FOC mm	Additional Component	Various Manufacturers	62BTNPDR-024	\$ 3.71
6 STRAND SINGLE MODE PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR006AB1010	\$ 0.38
12 STRAND 50 MICRON MM PDR FIBER BERKTEK	Additional Component	Various Manufacturers	62BTNPDR012LB351575	\$ 1.53
BURNDY MECHANICAL LUGS	Additional Component	Various Manufacturers	62BUNKA2U	\$ 1.31
12-STRAND ID/OD mm FOC 62.5/125	Additional Component	Various Manufacturers	62CAN012KSA20	\$ 2.47
GROUND WIRE, INSULATED, GREEN JACKET	Additional Component	Various Manufacturers	62CAN6AWG	\$ 0.40
CARLON 1 IN. PLENUM INNERDUCT	Additional Component	Various Manufacturers	62CANC4X1C-1000	\$ 2.67
PLENUM 1" INNERDUCT ORANGE CARLON	Additional Component	Various Manufacturers	62CANC4X1C-500	\$ 2.67
PLENUM 1" ORANGE W TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANC4X1C-8000	\$ 2.86

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Item Description	Item Type	Manufacturer	Model	Cost
1" RISER PVC ORG. TAPE INNERDUCT CARLO	Additional Component	Various Manufacturers	62CANDF4X1C-9400	\$ 1.14
COAX CABLE PARAMTR 111 75 SER COMPND	Additional Component	Various Manufacturers	62CMNP3875J	\$ 1.79
Corning 6 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN006R8F31131-29	\$ 0.88
Corning 12 strand Freedom One Cable	Additional Component	Various Manufacturers	62CNN012R8F31131-29	\$ 1.19
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048KW4-74130A20	\$ 6.55
CORNING 48 STRAND ALTOS	Additional Component	Various Manufacturers	62CNN048RW4-74101A20	\$ 1.09
6-STRAND sm IN-OUT F.O.C.	Additional Component	Various Manufacturers	62CNN373-COR8.3LTD-06	\$ 0.34
CORNING INTERLOCKING ARMOR PLENUM	Additional Component	Various Manufacturers	62CON006K8831130A3	\$ 2.64
Fiber Freedom 6 strand MM	Additional Component	Various Manufacturers	62CON006K8F-31130-29	\$ 1.68
6 STRAND 62.5/125 LT DUCT/AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON006KW4	\$ 1.02
CORNING 6 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON006TU4	\$ 105.40
FIBER 12 STRAND SM MIC CORNING	Additional Component	Various Manufacturers	62CON012E88	\$ 1.14
CABLE, FIBER OPTIC 12/STRAND 8.3/125 LT. DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON012EUC	\$ 0.77
12 STRAND FIBER OPTIC CABLE ARMORED PLENUM MM	Additional Component	Various Manufacturers	62CON012K88	\$ 3.83
12-STRAND 62.5/125 LT DUCT/AERIAL ALTOS GEL FREE	Additional Component	Various Manufacturers	62CON012KW4	\$ 1.79
12 STRAND FIBER OPTIC CABLE FIG "8" ARIEL MM	Additional Component	Various Manufacturers	62CON012KWA	\$ 2.11
12 STRAND FIBER OPTIC CABLE ARMORED	Additional Component	Various Manufacturers	62CON012KWC	\$ 1.90
CORNING 12 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON012TU4	\$ 1.50
FIBER 24 STRAND MM MIC CORNING	Additional Component	Various Manufacturers	62CON024K88	\$ 4.42
24 STRAND 62.5/125 LT. DUCT/ AERIAL FIBER CABLE CORNING	Additional Component	Various Manufacturers	62CON024KW4	\$ 3.23
CORNING 24 STRAND FIBER OPTIC CABLE MM INDOOR/OUTDOOR	Additional Component	Various Manufacturers	62CON024TU4	\$ 2.77
CABLE, FIBER OPTIC 48/STRAND 8.3/125 LT.DUCT BURIAL ALTOS	Additional Component	Various Manufacturers	62CON048EUC	\$ 1.29
Fiber Optic Cable 48/Strand mm Indoor // Outdoor Lt. Duct Aerial	Additional Component	Various Manufacturers	62CON048TU4	\$ 6.21
COAX RG6 PLENUM COMM/SCOPE WHITE ( 1/M)	Additional Component	Various Manufacturers	62CON2227V	\$ 0.83
CABLE, ARMORED PLENUM 6-F 62.5/125 CORNING	Additional Component	Various Manufacturers	62CON370406A	\$ 2.79
FIBER OPTIC CABLE 12 STRAND ARMOURED PLENUM 50 MICRON	Additional Component	Various Manufacturers	62CON370COR0M2	\$ 3.66
CABLE 6 STRAND FOC MM W/ ARMORED	Additional Component	Various Manufacturers	62CON372625	\$ 1.22
CABLE, FIBER OPTIC ARMOR MM(MULTIMODE) 24 STRAND INDOOR	Additional Component	Various Manufacturers	62CONMIPJ24D	\$ 6.68
CABLE RG6 QUAD SHIELD COAX NON-PLENUM	Additional Component	Various Manufacturers	62CONRG6NP	\$ 0.16
FIBER OPTIC CABLE, SINGLE MODE 6 STRAND GEL FREE ENHANCED	Additional Component	Various Manufacturers	62CRN006EUE	\$ 0.92
FIBER OPTIC CABLE 6 STRAND MM INTERLOCKING ARMOR CORNING	Additional Component	Various Manufacturers	62CRN006K813	\$ 1.87
Fiber Optic Cable 6/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN006TU4-T4131D20	\$ 0.88
Single Mode Fiber Optic Cable 12/Strand Gel Free Enhanced Jacket	Additional Component	Various Manufacturers	62CRN012EUE	\$ 1.46
FIBER OPTIC CABLE, SINGLE MODE 12 STRAND GEL FREE CORNING	Additional Component	Various Manufacturers	62CRN012EVC	\$ 0.65
MM 12-STRAND FREEDM IN/OUT	Additional Component	Various Manufacturers	62CRN012KSFMM	\$ 1.87
12-STRAND mm I/O FREEDOM FOC	Additional Component	Various Manufacturers	62CRN012MMFIO	\$ 2.01
Fiber Optic Cable 12/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN012TU4-T4131D20	\$ 1.43
CABLE, FIBER OPTIC 24 STRAND SM LT. DUCT/AERIAL CORNING	Additional Component	Various Manufacturers	62CRN024EU4	\$ 0.58

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
Fiber Optic Cable 24/Strand mm Indoor / Outdoor Lt. Duct / Aerial Cable	Additional Component	Various Manufacturers	62CRN024TU4-T4131D20	\$ 2.77
FIBER OPTIC CABLE,SINGLE MODE 36 STRAND GEL FREE ENHANC	Additional Component	Various Manufacturers	62CRN036EUE	\$ 1.72
6/STRAND mm PLENUM RISER	Additional Component	Various Manufacturers	62CRN370-949-FDDI-06	\$ 1.12
6 STRAND MM FIBER CABLE 62.5 I/O	Additional Component	Various Manufacturers	62CRN625LTD06	\$ 1.02
FIBER OPTIC 6 STRAND MM FIG. "8" AERIAL CORNING	Additional Component	Various Manufacturers	62CRNLTFIG806	\$ 1.39
12" CABLE RUNWAY - GRAY	Additional Component	Various Manufacturers	62CWN10250-112	\$ 93.50
CABLE TRAY 15" CHATSWORTH	Additional Component	Various Manufacturers	62CWN10250115	\$ 123.42
Cable ENGENIUS EXT-ANTENNA W/60	Additional Component	Various Manufacturers	62EGNSNULAK20	\$ 225.51
INNERDUCT 1" OSP HDPE ORG WPP ROPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNICE100	\$ 0.37
INNERDUCT 1" PLENUM WHT W/TAPE ENDOT INDUSTRIES	Additional Component	Various Manufacturers	62ENNIPR1	\$ 2.45
Cable 150 PAIR TELEPHONE	Additional Component	Various Manufacturers	62ETN150PR	\$ 2.13
CABLE VGA 75' MALE - MALE 15 PIN EXTRON	Additional Component	Various Manufacturers	62EXN2623819	\$ 180.20
PRETERMINATED BNC CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2626016	\$ 247.35
PRETERMINATED M-M S-VIDEO CABLE EXTRON	Additional Component	Various Manufacturers	62EXN2631606	\$ 61.20
Cable 14/2 Plenum GC	Additional Component	Various Manufacturers	62GCN31284186	\$ 0.28
Cable 18/4 Plenum GC	Additional Component	Various Manufacturers	62GCN4C18CMP	\$ 0.21
Cable 18/2 Plenum GC	Additional Component	Various Manufacturers	62GCNC31124186	\$ 0.13
DOOR SECURITY CABLE 18G/6C SHLD PLENUM	Additional Component	Various Manufacturers	62GCNHOU1806SCMP	\$ 0.65
CABLE 300 PAIR, UNDERGROUND, GENERAL	Additional Component	Various Manufacturers	62GENDB300P	\$ 10.86
CAT5+PLENUM 350 MHZ	Additional Component	Various Manufacturers	62GRB5224148	\$ 0.30
PULL ROPE 3/8" X 600' REEL IDEAL	Additional Component	Various Manufacturers	62IDN31845	\$ 0.40
1/PAIR X-CONNECT ORANGE	Additional Component	Various Manufacturers	62INN900.9045OR	\$ -
1/PAIR X-CONNECT RED/WHITE	Additional Component	Various Manufacturers	62INN900.9045RD	\$ 0.02
1/PAIR X-CONNECT YELLOW/BLUE	Additional Component	Various Manufacturers	62INN900.9045YL/BL	\$ 0.02
Cat 5E 100MHZ Blue	Additional Component	Various Manufacturers	62INN902.9001	\$ 0.00
Cat 5E100 MHZPlenum White	Additional Component	Various Manufacturers	62INN902.9001WH	\$ 0.00
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
Cable RG-59U CO-AX	Additional Component	Various Manufacturers	62KWNRG-59U	\$ 0.19
CABLE 2287K COMMSCOPE	Additional Component	Various Manufacturers	62KWNRG112287K	\$ 2.13
LEVITON 300 PR 110 BLOCK KIT	Additional Component	Various Manufacturers	62LEN41AB2-3FT	\$ 83.30

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Item Description	Item Type	Manufacturer	Model	Cost
100 PR 110 BLOCK KIT W/ C-5'S	Additional Component	Various Manufacturers	62LEN41AB21F5	\$ 34.00
LEVITON CAT 6 96 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-1F4	\$ 59.50
LEVITON CAT 6 288 PR 110 BLOCK	Additional Component	Various Manufacturers	62LEN41AB6-3F4	\$ 156.40
Cable GROUND WIRE SOLID #10 GREEN	Additional Component	Various Manufacturers	62LFN#10	\$ 0.15
Cable MEGALAN OUTSIDE CAT5e	Additional Component	Various Manufacturers	62MHN5EX0424	\$ 0.48
MOHAWK CAT 6 BLUE PLENUM CABLE	Additional Component	Various Manufacturers	62MON6P4P24	\$ 0.59
CAT 3 50 PR. PLENUM MOHAWK OR BERK-TEK	Additional Component	Various Manufacturers	62MONM56126	\$ 2.38
GROUND CLAMP FOR WATER PIPE CROUSE-HIND	Additional Component	Various Manufacturers	62MWN141DC	\$ 1.80
CABLE, AUDIO 75'	Additional Component	Various Manufacturers	62NON2002PP75	\$ 113.90
AUDIO CABLE 75'	Additional Component	Various Manufacturers	62NON2P2P75	\$ 115.60
CABLE, VIDEO 75'	Additional Component	Various Manufacturers	62NONPPCV75	\$ 108.80
ARMOR, INTERLOCKING 12 FIBER PLENUM 62.5/125 OPTICAL	Additional Component	Various Manufacturers	62OPNDX12060KW900	\$ 4.42
G-PURPOSE I/D ORNGE, W/PULL	Additional Component	Various Manufacturers	62PMNGP-125T	\$ 1.12
PLENUM 1.25" DIAMETER INNERDUCT W/PULL TAPE - WHITE	Additional Component	Various Manufacturers	62PMNPLM125T	\$ 4.00
TELCO CLUSTER BAR 12 RJ-11 USOC 4-PR	Additional Component	Various Manufacturers	62PRNFM030	\$ -
PVC CONDUIT- COMES IN 10' PCS.	Additional Component	Various Manufacturers	62PVCCON2	\$ 0.80
CABLE STANDS	Additional Component	Various Manufacturers	62RAN11455	\$ 117.50
AUDIO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCN2PP25P	\$ 102.00
VIDEO CABLE 25' PLENUM RCA	Additional Component	Various Manufacturers	62RCNCV25HRP	\$ 68.00
62.5/125 MICRON TB RISER MM FIBER CORNING	Additional Component	Various Manufacturers	62SCN012K81	\$ 1.68
ENDOCORE 1" PVC INNERDUCT	Additional Component	Various Manufacturers	62SCNICE100	\$ 0.31
200 PR SEALPIC DIRECT BURIAL CABLE PE-89	Additional Component	Various Manufacturers	62SEN200PRDBC	\$ 3.49
CAT 3 25 PR	Additional Component	Various Manufacturers	62SEN25PRP24	\$ 0.88
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340026G01	\$ 0.34
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN340029101	\$ 0.24
24 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440246G01	\$ 3.83
24 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	62SEN440249101	\$ 2.38
Cable Cat 5E Plenum 100MHZ SE Blue	Additional Component	Various Manufacturers	62SEN5124128	\$ 0.31
Cable Cat 5E Plenum 100MHZ SE Gray	Additional Component	Various Manufacturers	62SEN5124138	\$ 0.23
CAT 5E 25PR 24GA PLENUM	Additional Component	Various Manufacturers	62sen5147848	\$ 5.36
CAT5E 25 PAIR	Additional Component	Various Manufacturers	62SEN5147848NFR	\$ 5.92
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46



# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDDED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04
CABLE 100 TO 400 MHZ BLUE	Additional Component	Various Manufacturers	62STN1-4B	\$ 0.30
CABLE 100 TO 400 MHZ WHITE	Additional Component	Various Manufacturers	62STN1-4W	\$ 0.30
25 PR .24GA EXCHANGE CABLE PE 22 AIRCORE SUPERIOR	Additional Component	Various Manufacturers	62SUNE002524	\$ 1.00
Cable 12/PAIR .24GA O/H FIG-8	Additional Component	Various Manufacturers	62TSN12/24-OH	\$ 0.82
Cable 12/PAIR 24GA UNDERGRND	Additional Component	Various Manufacturers	62TSN12/24-UG	\$ 0.31
SPKR WIRE 2/PR 1/PR SHLDED	Additional Component	Various Manufacturers	62WPN253757B	\$ 0.22
Cable - 2pr 1pr shielded - White speaker	Additional Component	Various Manufacturers	62wpm357	\$ 0.18
FIRESTOP WATERBASE CAULK 5-GL	Additional Component	Various Manufacturers	633MNCP25WB	\$ 375.00
FIRESTOP (TUBED)	Additional Component	Various Manufacturers	633MNCP25WB&CAULK	\$ 14.21
MOLDABLE PUTTY STICKS (FIRESTOP) 1.5" X 11" 3M	Additional Component	Various Manufacturers	633MNMP+	\$ 19.70
CLAMP 1 1/4 STRAP T-20	Additional Component	Various Manufacturers	63ABN9000200	\$ 0.29
D RINGS 8" CUT ALLENTEL	Additional Component	Various Manufacturers	63ALNGB10C	\$ 2.81
D RINGS 8" ALLENTEL	Additional Component	Various Manufacturers	63ALNGB13C	\$ 2.30
UNICAM INSTALLATION TOOL	Additional Component	Various Manufacturers	63ANNTLUCO1	\$ 561.00
WALL MOUNT CABINET 8U	Additional Component	Various Manufacturers	63BBNRM2412A	\$ 484.50
GROUND ROD CLAMP 5/8	Additional Component	Various Manufacturers	63BCNGRC58	\$ 5.05
CONDUIT HANGER WITH BOLT 3 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN7B	\$ 1.22
CONDUIT HANGER WITH BOLT 4 EMT COOPER CROUSE-HINDS	Additional Component	Various Manufacturers	63CCHN9B	\$ 3.49
BRIDLE RING 2-INCH	Additional Component	Various Manufacturers	63CFN4BRT32	\$ 1.29

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Item Description	Item Type	Manufacturer	Model	Cost
CLAMPS - CONDUIT 1 1/4"	Additional Component	Various Manufacturers	63CFN6H2.5B	\$ 0.51
CLAMPS - CONDUIT 2" THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H5B	\$ 0.78
3" PIPE HANGER W/ NUT BOLT THOMAS BETTS	Additional Component	Various Manufacturers	63CFN6H7B	\$ 1.23
CLAMPS - BEAM	Additional Component	Various Manufacturers	63CFNBC260025EG	\$ 1.11
CLIP CABLE SUPPORT 1/8-1/2 FLNG	Additional Component	Various Manufacturers	63CFNCAT21BC	\$ 0.61
J - HOOKS 2"	Additional Component	Various Manufacturers	63CFNCAT32	\$ 4.08
CABLE HANGER ASSEMBLY	Additional Component	Various Manufacturers	63CFNCAT425	\$ 18.45
BUS BAR BICSI TMG 1/4 IN X 2 CHATSWORTH	Additional Component	Various Manufacturers	63CHN1362201	\$ 110.42
CISCO AIRONET 1300 ROOF MOUNT KIT	Additional Component	Various Manufacturers	63CIN1300KIT	\$ 273.70
CISCO AIRONET 1310 OUTDOOR ACCESS POINT/BRIDGE	Additional Component	Various Manufacturers	63CIN1310	\$ 1,303.90
PROTECTION PANEL CIRCA 100 PR	Additional Component	Various Manufacturers	63CIN1890ECT1	\$ 527.00
CISCO 2821 SECURITY BUNDLE ROUTER 2U IOS ADV MITEL DA	Additional Component	Various Manufacturers	63CIN2821	\$ 5,630.40
CISCO CATALYST 2960G 48 PORT GIGABIT MITEL DATANET	Additional Component	Various Manufacturers	63CIN2960G48	\$ 5,518.20
CISCO 3550 24 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550	\$ 3,357.50
CISCO 3550 48 PORT SWITCH	Additional Component	Various Manufacturers	63CIN3550-48	\$ 5,355.00
Cisco Catalyst 3560-24PS SMI PoE	Additional Component	Various Manufacturers	63CIN3560-24PS	\$ 4,332.28
48 PORT 3560 SWITCH CISCO	Additional Component	Various Manufacturers	63CIN3560-48	\$ 6,174.40
CISCO CATALYST 3560-24PS	Additional Component	Various Manufacturers	63CIN356024PS	\$ 3,950.80
SWITCH, ETHERNET 48 PORT POE CISCO	Additional Component	Various Manufacturers	63CIN3750G	\$ 16,660.00
MODULE, EXPANSION CISCO GIGABIT ETHERNET 4 PORTS	Additional Component	Various Manufacturers	63CIN51202941	\$ 637.50
SWITCH, 300 SERIES, MANAGED SG 300 - 10P CISCO	Additional Component	Various Manufacturers	63CIN51204519	\$ 603.50
AIRONET 1130AG SERIES WAP CISCO	Additional Component	Various Manufacturers	63CINAIRAP11	\$ 731.00
12 SWITCH CISCO	Additional Component	Various Manufacturers	63CINC295012	\$ 1,003.00
CISCO SMARTNET 8X5XNBD-SMS-1	Additional Component	Various Manufacturers	63CINCONSNTSMS	\$ 1.45
GBIC TRANSCEIVER MODULE, 1000BASE-LX 1000BASE-LH PLUG II	Additional Component	Various Manufacturers	63CING5486	\$ 1,202.85
GBIC, MINI SFP TRANSCEIVER MODULE, 1000 BASE-LZ, 1000 BASE	Additional Component	Various Manufacturers	63CINGLCLHSM	\$ 1,020.00
GBIC 100 BASE-SX	Additional Component	Various Manufacturers	63CINGLCSXMM	\$ 382.50
LINKSYS TRANSC MOD SFP GB EN CISCO	Additional Component	Various Manufacturers	63CINMGBSX1	\$ 214.20
FLEX PVC 1 1/2 L/T 4T (PER/FT) CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLN1501010	\$ 2.99
FLEXCONN, 1 1/2 STR L/T CARLON ELECT. DIV.	Additional Component	Various Manufacturers	63CLNLT43H	\$ 29.04
2 STRAND SM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CON2CZYLSIC	\$ 0.31
2 STRAND MM TIGHT BUFFER FIBER	Additional Component	Various Manufacturers	63CONMPN2CZLORBER	\$ 0.44
ROPE 3/16" X 1000 CONDUIT FISH LINE	Additional Component	Various Manufacturers	63CRN02398	\$ 52.70
ANCHOR KIT - CONCRETE CHATSWORTH	Additional Component	Various Manufacturers	63CWN40604003	\$ 14.40
DRIVE RINGS 1 1/4 INCH	Additional Component	Various Manufacturers	63DMN30-00807	\$ 0.53
SCREW, V4 X 1 RND HEAD DOTPIC	Additional Component	Various Manufacturers	63DON1/4SCREW	\$ 0.18
WASHER, 1/4 X 1 WASHER DOTPIC	Additional Component	Various Manufacturers	63DON1/4WASHER	\$ 0.12
CONDUIT CLIP 1/2-3/4	Additional Component	Various Manufacturers	63ECN812M	\$ 0.33

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Item Description	Item Type	Manufacturer	Model	Cost
FLEX LIQ TIGHT CONDUIT	Additional Component	Various Manufacturers	63EFNEF11-GRY	\$ 0.73
DC EMT SET-SCREW CONN 4-INCH	Additional Component	Various Manufacturers	63EPN239-DC2	\$ 4.63
PLASTIC INSUL BUSHING 4-INCH	Additional Component	Various Manufacturers	63EPN330	\$ 4.63
J - HOOK ASSEMBLED TO HAMMER ON FLANGE ERICO	Additional Component	Various Manufacturers	63ERNCAT2124	\$ 4.73
J - HOOK ASSEMBLED W/ BEAM CLAMP ERICO	Additional Component	Various Manufacturers	63ERNCAT32BC	\$ 6.10
COPPERBND GRND ROD 5/8X8	Additional Component	Various Manufacturers	63ETN615880	\$ 11.00
66 / 110 TERMINATION BLADE FLUKE NETWORKS	Additional Component	Various Manufacturers	63FLN0178600	\$ 45.80
66 BLADE / DULL FLUKE NETWORKS, INC.	Additional Component	Various Manufacturers	63FLN10056000	\$ 29.60
JUNCTION BOX (2 PC)	Additional Component	Various Manufacturers	63GBN3510IW-A	\$ 6.66
WIREMOLD FLUSH DUAL FACEPLATE	Additional Component	Various Manufacturers	63GBN5507FRJ	\$ 4.10
WIREMOLD BUSHING	Additional Component	Various Manufacturers	63GBN702	\$ 0.43
BLACK RUBBER FLOOR GUARD	Additional Component	Various Manufacturers	63GBNBK1400-10	\$ 2.41
HOOK, DRIVE 4 3/4"	Additional Component	Various Manufacturers	63GBNC2050190	\$ 1.50
C5 CLIPS (GOES ON 110 BLOCK)	Additional Component	Various Manufacturers	63GBNGB110-C5	\$ 7.65
A-B-SWITCH	Additional Component	Various Manufacturers	63GBNGB477	\$ 17.00
SCREWS 8 X 3/4 PAN HD TAPPING	Additional Component	Various Manufacturers	63GBNJTS20	\$ 0.05
CAT 6 RJ45 TO 110 CORD	Additional Component	Various Manufacturers	63GBNRJ45	\$ 27.20
WIREMOLD STEEL BOX	Additional Component	Various Manufacturers	63GBNV5744	\$ 22.10
WIREMOLD STEEL BOX -2 1/4 " DEEP	Additional Component	Various Manufacturers	63GBNV5744S	\$ 18.67
WIREMOLD STEEL RACEWAY	Additional Component	Various Manufacturers	63GBNV700	\$ 1.70
WIREMOLD MOUNTING STRAP	Additional Component	Various Manufacturers	63GBNV704	\$ 0.54
WIREMOLD CONNECTION COVER	Additional Component	Various Manufacturers	63GBNV706	\$ 0.58
WIREMOLD FLAT ELBOW	Additional Component	Various Manufacturers	63GBNV711	\$ 1.96
WIREMOLD INTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV717	\$ 2.55
WIREMOLD EXTERNAL ELBOW	Additional Component	Various Manufacturers	63GBNV718	\$ 2.38
F CONNECTORS FOR PVC RG6 COAX	Additional Component	Various Manufacturers	63GINGF6AHS	\$ 0.63
TONE TEST SET GENERATOR W/mOD CORD & CLIPS GREENLEE	Additional Component	Various Manufacturers	63GRN166855	\$ 56.10
SQUARE COVER 4" FOR SINGLE DEVICE	Additional Component	Various Manufacturers	63GRN52CO	\$ 1.02
FISH RODS / STICKS GREENLEE	Additional Component	Various Manufacturers	63GRN54015	\$ 74.58
FLEX LIQUID TIGHT CONDUIT 3/4	Additional Component	Various Manufacturers	63GRNEF12GRY3/4	\$ 0.77
CONDUIT STRAP 3/4 1H STL	Additional Component	Various Manufacturers	63GRNHS102	\$ 0.37
2" STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN2EMT	\$ 2.41
ELBOW, 90 DEGREE 2"	Additional Component	Various Manufacturers	63GVN2EMTELL	\$ 7.29
3 " STEEL THINWALL CONDUIT	Additional Component	Various Manufacturers	63GVN3EMT	\$ 4.78
ELBOW, 90 DEGREE 3"	Additional Component	Various Manufacturers	63GVN3EMTELL	\$ 26.49
RENTAL OF 1000' FISHTAPE	Additional Component	Various Manufacturers	63HANFISHTAPE	\$ 255.00
CUBICLE JACK HOUSING PLATE	Additional Component	Various Manufacturers	63HBNHMR-BBK	\$ 3.13
BEZEL FOR FLOOR BOXES, GRAY - KIT (10-PK)	Additional Component	Various Manufacturers	63HBNHWM2KGY10	\$ 15.62

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
CEILING FITTING HUBBELL	Additional Component	Various Manufacturers	63HBNMT134CF	\$ 4.35
1 GANG BOX STANDARD MT3 HUBBELL	Additional Component	Various Manufacturers	63HBNMT345BA	\$ 5.20
MEDIA TRACK 3 7' HUBBELL	Additional Component	Various Manufacturers	63HBNMT3ABC7	\$ 1.70
1 GANG STD BOX 1.78IN D HUBBELL	Additional Component	Various Manufacturers	63HBNMT678SB	\$ 6.05
CONDUIT ADAPTERS	Additional Component	Various Manufacturers	63HBNMT67CACF	\$ 5.41
MEDIA TRACK 6 (RACEWAY) 7' LENGTH	Additional Component	Various Manufacturers	63HBNMT6ABC7	\$ 2.13
BASE AND COVER W/ ADHESIVE 7 FT MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8ABC7	\$ 27.81
FITTING END CAP MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EC	\$ 1.70
ELBOW FTTNG EXT B C MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8EEBC	\$ 5.63
FLAT ELBOW BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8FEBC	\$ 5.42
ELBOW, INTR BASE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8IEBC	\$ 5.42
SPLICE COVER MT8 HUBBELL	Additional Component	Various Manufacturers	63HBNMT8SC	\$ 1.02
BOX, POLYTRAK 1 - G 1.78D STD HUBBELL	Additional Component	Various Manufacturers	63HBNPDB12S	\$ 6.78
CEILING CONDUIT LANTRAK HUBBELL	Additional Component	Various Manufacturers	63HBNPLP1ACF	\$ 5.78
BEZEL FOR WALKER FLOOR BOXES FOR HUBBELL JACKS	Additional Component	Various Manufacturers	63HBNRFB2ABSS	\$ 15.30
NM4/12 FLUSH ENCLOSURE	Additional Component	Various Manufacturers	63HENCFM12126	\$ 408.00
Firestop cartridge Hilti	Additional Component	Various Manufacturers	63HIN259580	\$ 22.67
PULL BOX 12 X 12 NO K HOFFMAN ENGINEERING	Additional Component	Various Manufacturers	63HONASG12	\$ 26.08
PULL BOX 24" X 18" X 6" HOFFMAN ENGINEERING CO.	Additional Component	Various Manufacturers	63HONASG24	\$ 85.00
FLOOR BOX W/RECPT PEDESTAL	Additional Component	Various Manufacturers	63HVN3C3091	\$ 86.96
FISHTAPE - 1/4" 100 FT./CASE	Additional Component	Various Manufacturers	63ID31063	\$ 2.29
FISH TAPE 200 FT 1/4"	Additional Component	Various Manufacturers	63IDN31-065	\$ 386.31
LUBRICANT IDEAL YELLOW - 77 5 GALLON	Additional Component	Various Manufacturers	63IDN31-375	\$ 98.60
LUBRICANT YELLOW-77 IDEAL (1-GAL) WIRE PULLING	Additional Component	Various Manufacturers	63IDN31351	\$ 26.57
RIVETS FOR WALL MOUNT ENDPOINT	Additional Component	Various Manufacturers	63INN808.1503	\$ -
SCREWS, ITW TAPCON 1/4" X 1 3/4"	Additional Component	Various Manufacturers	63ITNCSH-20	\$ 0.37
COUPLING DUPLEX ST LEVITON	Additional Component	Various Manufacturers	63LEN412912TI	\$ 18.94
COUPLING DUPLEX SC LEVITON	Additional Component	Various Manufacturers	63LEN41291PCI	\$ 35.97
BLANK MODULE 2 UNIT LEVITON	Additional Component	Various Manufacturers	63LEN412922BI	\$ 1.38
POWER POLE 12' 2" IVORY HUBBELL	Additional Component	Various Manufacturers	63LFN12AI	\$ 237.63
BLACK ELECTRICAL TAPE	Additional Component	Various Manufacturers	63LFN17TEMFLEX	\$ 1.04
WIREMOLD SURFACE RACERWAY	Additional Component	Various Manufacturers	63LFN2300BA+C	\$ 5.20
COVER CLIP FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2306	\$ 1.04
90 DEGREE FLAT ELBOW FOR 2300 SERIES	Additional Component	Various Manufacturers	63LFN2311	\$ 2.92
T-CONNECTORS FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2315	\$ 3.57
INSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2317	\$ 3.30
OUTSIDE ELBOW FOR 2300 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN2318	\$ 2.92
1-GANG DEEP BOX, ELECTRICAL - DEPTH 1 3/4" WIDTH 3" IVORY	Additional Component	Various Manufacturers	63LFN2348-1	\$ 9.69

# Large PBX Telephone System Configuration(s)

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Item Description	Item Type	Manufacturer	Model	Cost
2-GANG DEEP WIREMOLD BOX	Additional Component	Various Manufacturers	63LFN2348-2	\$ 12.73
POWER POLES, RACEWAY 10' 5" WIREMOLD	Additional Component	Various Manufacturers	63LFN25DTP4	\$ 187.00
TAPE BLUE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BLU	\$ 4.49
TAPE BROWN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35BRN	\$ 4.49
TAPE GRAY 3/4" X 66'	Additional Component	Various Manufacturers	63LFN35GRA	\$ 1.33
TAPE GREEN 3/4" X 66	Additional Component	Various Manufacturers	63LFN35GRE	\$ 4.49
TAPE ORANGE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35ORA	\$ 4.49
TAPE RED 3/4" X 66	Additional Component	Various Manufacturers	63LFN35RED	\$ 4.49
TAPE VIOLET 3/4" X 66	Additional Component	Various Manufacturers	63LFN35VIO	\$ 4.49
TAPE WHITE 3/4" X 66	Additional Component	Various Manufacturers	63LFN35WHI	\$ 4.49
TAPE YELLOW 3/4" X 66	Additional Component	Various Manufacturers	63LFN35YEL	\$ 4.49
WIREMOLD- 400 ADHESIVE BASE AND COVER	Additional Component	Various Manufacturers	63LFN400BA&C	\$ 2.55
COVER CLIP	Additional Component	Various Manufacturers	63LFN406	\$ 0.66
BLANK END FITTING	Additional Component	Various Manufacturers	63LFN410B	\$ 0.95
POLY PULL LINE (6500')	Additional Component	Various Manufacturers	63LFN430	\$ 46.36
WIREMOLD - 800 ADHESIVE BASE & COVER	Additional Component	Various Manufacturers	63LFN800BA&C	\$ 3.23
NM COVER CLIP WIREMOLD	Additional Component	Various Manufacturers	63LFN806	\$ 0.77
FITTING, ENTRANCE END WIREMOLD	Additional Component	Various Manufacturers	63LFN810A2	\$ 7.46
BLANK END FITTING FOR 800 WIREMOLD	Additional Component	Various Manufacturers	63LFN810B	\$ 1.34
90 DEGREE FLAT ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN811	\$ 2.99
NM TEE 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN815	\$ 4.13
INTERNAL ELBOW FOR 800 SERIES WIREMOLD	Additional Component	Various Manufacturers	63LFN817	\$ 2.77
NM EXTERNAL ELBOW WIREMOLD	Additional Component	Various Manufacturers	63LFN818	\$ 2.77
PLASTIC BUSHINGS 2" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNB506	\$ 0.54
PLASTIC BUSHINGS 3" THOMAS BETTS	Additional Component	Various Manufacturers	63LFNB508	\$ 1.26
PLASTIC BUSHINGS 4" THOMAS BETTS CORP.	Additional Component	Various Manufacturers	63LFNB510	\$ 1.79
ANGLE HANGER BRACKET	Additional Component	Various Manufacturers	63LFNCATHBA	\$ 1.90
WORK MOUNTING PLATE	Additional Component	Various Manufacturers	63LFNMP1	\$ 1.94
SPIRAL WRAP 1/2 INCH - 100' ROLL BLACK - PANDUIT	Additional Component	Various Manufacturers	63LFNSPIRALWRAP1/2	\$ 272.56
SERVICE WEDGE CLAMPS FOR 25 PR BLACKBURN	Additional Component	Various Manufacturers	63LFNW40-1	\$ 10.29
SERVICE WEDGE CLAMPS	Additional Component	Various Manufacturers	63LFNW62-1	\$ 4.15
10 X 1 ANCHOR KIT	Additional Component	Various Manufacturers	63LFNWAK14	\$ 12.60
HOUSING, EMPTY ONLY LEVITON	Additional Component	Various Manufacturers	63LVN416421	\$ 4.68
3 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416431	\$ 4.68
6 PT MNT FRAME IV LEVITON	Additional Component	Various Manufacturers	63LVN416461	\$ 4.68
WALLPLATE, 3G IV LEVITON	Additional Component	Various Manufacturers	63LVN804111	\$ 1.45
BRIDLE RING, 2" WOOD SCREW MINERALLAC ELECTRIC	Additional Component	Various Manufacturers	63MEN648RW	\$ 1.56
3/8-16 STL DROP IN ANCHOR	Additional Component	Various Manufacturers	63MENJDIA38	\$ 0.68

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Item Description	Item Type	Manufacturer	Model	Cost
3/8 - 16 HEX NUT	Additional Component	Various Manufacturers	63MENJN165	\$ 0.08
SCREWS, MACHINE 1/4 - 20 X 3/8 METALLICS, INC.	Additional Component	Various Manufacturers	63MENJRM22	\$ 0.09
SCREWS, 1/4 - 20 X 1/2 R H MACH SCREW METALLICS	Additional Component	Various Manufacturers	63MENJRM99	\$ 0.11
WASHER, FLAT 3/8"	Additional Component	Various Manufacturers	63MENJSW75	\$ 0.07
SCREWS, MACHINE SPANNER FLATHEAD 4-40 X 1 1/2 DS4 MUTUA	Additional Component	Various Manufacturers	63MUN0424SMF	\$ 0.48
DRIVER, #4 (FOR USE WITH SPANNER FLAT HEAD MACHINE SCRE	Additional Component	Various Manufacturers	63MUN1D4	\$ 17.00
MINERAL WOOL NELSON	Additional Component	Various Manufacturers	63NENAA0417	\$ 16.83
FIRESTOP PILLOWS, 10 X 4 X3 NELSON	Additional Component	Various Manufacturers	63NENAA0478	\$ 10.54
FIRESTOP PILLOWS, 10 X 8 X 3 NELSON	Additional Component	Various Manufacturers	63NENAA0479	\$ 15.56
MULE TAPE 1800 LB PRE-LUBRICATED IN SEQUENCE NEPTCO	Additional Component	Various Manufacturers	63NPNWP1800P	\$ 491.30
FACEPLATES, W/LABEL CLASSIC /ANGLED 2 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL2E	\$ 3.25
Classic (angled) Faceplate w/Label 2 Port	Additional Component	Various Manufacturers	63PANCFPSL2EIY	\$ 3.25
FACEPLATES, W/ LABEL CLASSIC/ANGLED 6 PORT PANDUIT	Additional Component	Various Manufacturers	63PANCFPSL6E	\$ 3.25
Classic (angled) Faceplate w/Label 6 Port	Additional Component	Various Manufacturers	63PANCFPSL6EIY	\$ 3.25
WIREMOLD SW/RECPT BOX	Additional Component	Various Manufacturers	63PDN62048	\$ 9.33
LT. GRAY DUCT COVER 11/2	Additional Component	Various Manufacturers	63PDNC15LG6	\$ 1.50
PANDUIT LIDS FOR 3" E-DUCT	Additional Component	Various Manufacturers	63PDNC3LG6	\$ 3.20
PANDUIT LIDS FOR 4" E-DUCT	Additional Component	Various Manufacturers	63PDNC4LG6	\$ 3.88
DROP CEILING FITTING	Additional Component	Various Manufacturers	63PDNDCF5EIX	\$ 2.38
LT. GRAY DUCT .5 X 1	Additional Component	Various Manufacturers	63PDNE15X1G6	\$ 6.34
PANDUIT 3 X 3 E-DUCT - COMES IN 6' PIECES	Additional Component	Various Manufacturers	63PDNE3X3LG6	\$ 11.00
PANDUIT 4 X 4 E-DUCT	Additional Component	Various Manufacturers	63PDNE4X4LG6	\$ 16.92
TYPE G SLOT DUCT LT GRAY PANDUIT	Additional Component	Various Manufacturers	63PDNG15X15	\$ 6.68
VELCRO WRAP, PANDUIT 75' ROLL	Additional Component	Various Manufacturers	63PDNHLS75RO	\$ 110.08
RACEWAY BOX 1G BASE & COVER	Additional Component	Various Manufacturers	63PDNJB43510E1A	\$ 6.66
6' ADHESIVE BACK FOR 25 PAIR	Additional Component	Various Manufacturers	63PDNLD3EI6-A	\$ 2.52
RACEWAY 6' LATCH DUCT	Additional Component	Various Manufacturers	63PDNLD5E16A	\$ 2.74
DISTRIBUTION RING LARGE 5.12"	Additional Component	Various Manufacturers	63PENGB-13B	\$ 2.50
SPOOLS W/SCREW	Additional Component	Various Manufacturers	63PENGB-20	\$ 0.99
DISTRIBUTION RING 4 " METAL	Additional Component	Various Manufacturers	63PENS14754	\$ 1.75
TY-WRAP BLACK 8 INCHES	Additional Component	Various Manufacturers	63PRN50R-COW	\$ 0.03
1-GANG DRY TITE BOX	Additional Component	Various Manufacturers	63RDNDIH3-1-W	\$ 4.11
SUSPENSION CLAMP 5 5/8" RELIABLE	Additional Component	Various Manufacturers	63REN7903	\$ 6.73
STRAND VISES 1/4" FOR FIBER OPTIC AND COPPER CABLE -POLE	Additional Component	Various Manufacturers	63RPNRVP-5200	\$ 16.88
1/8" STEREO TO MONO ADAPTER	Additional Component	Various Manufacturers	63RSN2740368	\$ 5.08
72 IN MF CABLE	Additional Component	Various Manufacturers	63RSN4202362	\$ 5.08
6 1/8 PHONO PLG	Additional Component	Various Manufacturers	63RSN4202444	\$ 5.59
CONDUIT STEEL 1/2 INCH	Additional Component	Various Manufacturers	63SCN1/2-EMT	\$ 0.29

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Item Description	Item Type	Manufacturer	Model	Cost
BEAM CLAMP 1/4-20TAPD	Additional Component	Various Manufacturers	63SCN500-SC	\$ 0.82
CORNING INNER DOOR LOCK KIT	Additional Component	Various Manufacturers	63SCNHDWRLOCKKIT	\$ 32.59
CONDUIT STRAP 1/2 1H	Additional Component	Various Manufacturers	63SCNHS101	\$ 0.30
EMT STRAP 1 1/4	Additional Component	Various Manufacturers	63SCNTS-104	\$ 0.88
1/2 1-INCH HIGH EMT STRAP	Additional Component	Various Manufacturers	63SCNTS101	\$ 0.27
DRY WALL SCREWS 1 INCH	Additional Component	Various Manufacturers	63SHNDWCBP100	\$ 0.07
1 AND 5/8" DRY WALL SCREWS	Additional Component	Various Manufacturers	63SHNDWCBP163	\$ 0.10
ORANGE LASTING HINGED COVER	Additional Component	Various Manufacturers	63SMNMC4LH-9	\$ 3.93
2X2 SLOTTED DUCT GRAY COVER 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGCV	\$ 1.99
2X2 DUCT SLOTTED GRAY BASE 6' PC.	Additional Component	Various Manufacturers	63SPN2X2DSGRY	\$ 6.92
TY-WRAP 12 INCH NATURAL	Additional Component	Various Manufacturers	63SPN401C9-11	\$ 0.05
CABLE TIE MOUNT, BUTTONS	Additional Component	Various Manufacturers	63SPNCTM2CO	\$ 0.58
CABLE TIE MOUNT, BUTTONS #10	Additional Component	Various Manufacturers	63SPNCTM3C0	\$ 0.88
CABLE ANALYZER	Additional Component	Various Manufacturers	63SPNDTX1800120	\$ 10,196.60
IVORY RACEWAY 3/4 W/ADHESIVE	Additional Component	Various Manufacturers	63SPNPSTR116A	\$ 1.53
IVORY RACEWAY 1 1/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR21-6A	\$ 2.19
IVORY RACEWAY 1 3/4 W/ADHESV	Additional Component	Various Manufacturers	63SPNSR31-8A	\$ 3.15
RACEWAY SPLICE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I14	\$ 1.75
RACEWAY TEE COVER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I211	\$ 1.92
RACEWAY EXT CORNER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I291	\$ 3.43
RACEWAY INT CORNER 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I331	\$ 1.92
RACEWAY END CAP 1 3/4	Additional Component	Various Manufacturers	63SPNSR3I36	\$ 1.75
RACEWAY ELBOW 1 3/4	Additional Component	Various Manufacturers	63SPNSR3W251	\$ 1.92
JUNCTION BOX 1 1/4 IVORY	Additional Component	Various Manufacturers	63SPNSRI-JB1	\$ 5.90
RACEWAY JUNCTION BOX 2-INCH D	Additional Component	Various Manufacturers	63SPNSRIJB2	\$ 6.24
2 PORT SURFACE MT UNLOADED M SERIES IVORY SYSTMX	Additional Component	Various Manufacturers	63SYNM102SMBB246	\$ 4.37
FLEX CONN 1/2 INS L/T	Additional Component	Various Manufacturers	63TBN5332	\$ 3.00
SCREW MOUNT FOR CABLE TIES (500/PKG) #8 SCREW	Additional Component	Various Manufacturers	63TBN5332	\$ 0.06
HORSESHOE, PLASTIC FOR FIBER OPTIC CABLE 24/STRAND	Additional Component	Various Manufacturers	63TCNFOS12PT	\$ 55.18
RACK MT 12 OUTLET STRIP TRIPLITE	Additional Component	Various Manufacturers	63TLNRS-1215	\$ 55.25
RACEWAY WHITE 10' SECTION WIREMOLD	Additional Component	Various Manufacturers	63WIN700WH	\$ 25.50
STRAP, MOUNTING WHITE WIREMOLD	Additional Component	Various Manufacturers	63WIN704WH	\$ 0.70
IN-LINE BRACKET WIREMOLD	Additional Component	Various Manufacturers	63WMN5407T-WH	\$ 8.81
BOX SHALLOW METAL SW/RECEPTACLE	Additional Component	Various Manufacturers	63WMN5748S	\$ 6.52
CONNECTOR 1/2 BOX	Additional Component	Various Manufacturers	63WMN5781	\$ 3.05
Power Pole 15' 5"	Additional Component	Various Manufacturers	63WMNAMTC-415	\$ -
GRAY RECT RCPT COVER	Additional Component	Various Manufacturers	63WMNG4048R	\$ 8.77
STRAP IVORY 500 SERIES	Additional Component	Various Manufacturers	63WMNV504	\$ 0.29

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Item Description	Item Type	Manufacturer	Model	Cost
90 DEGREE FLAT ELBOW 500 SER	Additional Component	Various Manufacturers	63WMNV511	\$ 1.51
INTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV517	\$ 2.03
EXTERNAL ELBOW 500 SERIES	Additional Component	Various Manufacturers	63WMNV518	\$ 1.90
SUPPORTING CLIP IV 500 SERIES	Additional Component	Various Manufacturers	63WMNV5703	\$ 0.58
WIREMOLD 1 3/8" BOX	Additional Component	Various Manufacturers	63WMNV5747	\$ 7.31
9-OUTLET SURGE SUPPRESSOR	Additional Component	Various Manufacturers	64ANNAPCNET9RM	\$ 149.60
A.C.SURGE POWER STRIP (NET 7)	Additional Component	Various Manufacturers	64APN900.0635	\$ 25.50
SURGE STATION 8 A.C. STRIP	Additional Component	Various Manufacturers	64APN900.5769	\$ 34.00
APC RACK MOUNT 9-OUTLET A.C.	Additional Component	Various Manufacturers	64APNNET-9-RM	\$ 132.60
MODEM/POWER PROTECTOR	Additional Component	Various Manufacturers	64APNPTS01	\$ 20.40
POWER STRIP 19" FLUSH 15A 8 OUTLET RACK MT CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816701	\$ 135.46
POWER STRIP, HORIZONTAL 15A 8 OUTLET, SURGE CHATSWORTH	Additional Component	Various Manufacturers	64CWN12816703	\$ 142.80
POWER STRIP 10 OUTLET GEIST	Additional Component	Various Manufacturers	64GENSP10410	\$ 168.30
10 OUTLET POWER STRIP HUBBELL	Additional Component	Various Manufacturers	64HBNHPWPWRTSTLNS	\$ 219.30
POWER STRIP W/ 8 OUTLETS	Additional Component	Various Manufacturers	64MIN9010528	\$ 27.20
SURGE STRIP 1U 20A	Additional Component	Various Manufacturers	64TLN2SOBAR12	\$ 139.40
SURGE STRIP 12 OUTLET	Additional Component	Various Manufacturers	64TLNISOBAR12	\$ 139.40
12 PR PROTECTOR UNIT 66/IN 66/OUT CIRCA TELE	Additional Component	Various Manufacturers	65CIN2612QC	\$ 155.55
MODULES, PROTECTOR FOR PROTECTOR UNIT 5/PIN BLK 350 VOL	Additional Component	Various Manufacturers	65CIN4B1E	\$ 5.02
12 PAIR GAS STATION PROTECTOR OUTDOOR ENCLOSURE CIRC	Additional Component	Various Manufacturers	65CIN51212G	\$ 184.59
LIGHTNING PROTECTION KIT	Additional Component	Various Manufacturers	65EGNSN920LPK	\$ 85.00
RJ45 45 T-1 PROTECTOR IN/OUT	Additional Component	Various Manufacturers	65OCNRJDP48C	\$ 56.10
LINE PROTECTOR, ANALOG 6-AP, BLACK ONEAC	Additional Component	Various Manufacturers	65ONN6AP	\$ 21.86
6-PAIR GAS TUBE PROTECTOR	Additional Component	Various Manufacturers	65RENR66C16VS	\$ 108.78
J-HOOK WITH ANGLE BRACKET	Additional Component	Various Manufacturers	66CFNCAT32AB	\$ 3.42
J-HOOKS 4"	Additional Component	Various Manufacturers	66CFNCAT64	\$ 7.29
9 VOLT BATTERY ENERGIZER - 8/PK	Additional Component	Various Manufacturers	66EVN782-035	\$ 2.48
AA BATTERY - 24/PK	Additional Component	Various Manufacturers	66EVN782-049	\$ 0.82
AAA BATTERY ENERGIZER - 18/PK	Additional Component	Various Manufacturers	66EVN782-058	\$ 0.88
BATTERIES 1.5V D SERIES	Additional Component	Various Manufacturers	66EVNPC1300D	\$ 1.21
STN MDF PANEL & CABLE FOR EXECUTONE	Additional Component	Various Manufacturers	66EXNPNL/CBL	\$ 85.00
UNIV CONTNUTY TESTER, SC,ST,FC	Additional Component	Various Manufacturers	66FSNF15000U	\$ 83.79
CONDUIT STEEL 4 INCH EMT	Additional Component	Various Manufacturers	66GBN4-EMT	\$ 8.96
HANDSET Y SPLITTER	Additional Component	Various Manufacturers	66RSN477-153	\$ 16.29
TAIL, MALE TO FEMALE 25 PR 50' GRAY	Additional Component	Various Manufacturers	69ATN253PC50	\$ 69.31
FEMALE TAIL ASSY 25 FOOT	Additional Component	Various Manufacturers	69INN25CX25	\$ 14.88
FEMALE TAIL OPEN END 50 FEET	Additional Component	Various Manufacturers	69KWN25CC50	\$ 30.18
PRE-MADE 15' FEMALE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE15	\$ 26.91



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Item Description	Item Type	Manufacturer	Model	Cost
25' FEMALE PRE-MADE TAIL	Additional Component	Various Manufacturers	69KWNFEMALE25	\$ 43.25
15' MALE TAIL ONE END	Additional Component	Various Manufacturers	69KWNMALE-15	\$ 21.78
MALE TAIL 25 PAIR 25' SINGLE ENDED	Additional Component	Various Manufacturers	69KWNMALE25	\$ 38.06
Cable 25 PAIR UNDERGROUND G/F	Additional Component	Various Manufacturers	62KSN25/24U/G	\$ 1.08
Cable 50 PAIR .24GA AIR CORE	Additional Component	Various Manufacturers	62KSN50/24-AC	\$ 2.01
Cable 25 PAIR PLENUM	Additional Component	Various Manufacturers	62KSNCMT25/24	\$ 1.22
Cable 50 pair 24 .GA PLENUM	Additional Component	Various Manufacturers	62KSNCMT50/24	\$ 2.50
Cable 1/PR .18 GA STRND SHLD CMR PO	Additional Component	Various Manufacturers	62KWN1/PR18GA	\$ 0.26
Cable 100 PAIR .24GA PLENUM LV-3	Additional Component	Various Manufacturers	62KWN100/24PL	\$ 5.54
Cable 200 PAIR PLENUM .24 ga	Additional Component	Various Manufacturers	62KWN200/24PL	\$ 10.46
Cable 200 PAIR UNDERGROUND	Additional Component	Various Manufacturers	62KWN200PR-UG	\$ 7.53
Cable 4-PAIR .24GA LEVEL 3 PLENUM	Additional Component	Various Manufacturers	62KWN4/24-LV3	\$ 0.18
CAT 6 CABLE 400 MHZ PLENUM BLUE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662462B	\$ 0.55
CAT 6 CABLE 400 MHZ PLENUM GRAY COMMSCOPE	Additional Component	Various Manufacturers	62SEN662463B	\$ 0.46
CAT 6 CABLE 400 MHZ PLENUM WHITE COMMSCOPE	Additional Component	Various Manufacturers	62SEN662464W	\$ 0.55
CAT 6 CABLE 350 MHZ PLENUM BLUE	Additional Component	Various Manufacturers	62SEN662722B	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM WHITE PREMIER	Additional Component	Various Manufacturers	62SEN662722W	\$ 0.44
CAT 6 CABLE 350 MHZ PLENUM BLUE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24BL	\$ 0.53
CAT 6 CABLE 350 MHZ PLENUM WHITE S-ESSEX	Additional Component	Various Manufacturers	62SEN6P4P24WH	\$ 0.46
CAT 6 CABLE 350 MHZ PLENUM YELLOW	Additional Component	Various Manufacturers	62SEN6P4P24YL	\$ 0.56
CAT 3 PLENUM 24/4 SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SEN904.9101	\$ 0.17
CABLE, 12 PAIR SHEILDIED AERIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENAD12P24	\$ 0.59
CAT"6" DATA GAIN PLENUM 4/24	Additional Component	Various Manufacturers	62SENCMP0426RB	\$ 0.41
CABLE - 100 PAIR DIRECT BURIAL SUPERIOR ESSEX	Additional Component	Various Manufacturers	62SENDB100P24	\$ 2.77
200 PR SEALPIC DIRECT BURIAL CABLE	Additional Component	Various Manufacturers	62SENPE-39	\$ 5.02
CAT 7 PLENUM BLUE TERA CABLE SIEMON	Additional Component	Various Manufacturers	62SIN9T7P4E10	\$ 2.21
CABLE, OUTDOOR 12/PR .24GA FOAM/SKIN FILLED CABLE PE-89	Additional Component	Various Manufacturers	62SPN001224DFC	\$ 0.54
FIBER CABLE 12 SM PLENUM BERK-TEK	Additional Component	Various Manufacturers	62SPN12DNYL	\$ 0.92
Cable CAT5e PLENUM100Mhz blue	Additional Component	Various Manufacturers	62SPNCAT5E100	\$ 0.27
CABLE CAT 5E PLENUM SE GRAY	Additional Component	Various Manufacturers	62SPNCAT5E100GY	\$ 0.21
Cable CAT 5E PLENUM 100MHZ WHITE	Additional Component	Various Manufacturers	62SPNCAT5E10W	\$ 0.37
Cable CAT 5 BLUE PVC 24GA	Additional Component	Various Manufacturers	62SPNCAT5PVC	\$ 0.09
Cable CAT 5e PLENUM @350MHZ Blue	Additional Component	Various Manufacturers	62SPNCMP-L5E	\$ 0.35
Cable CAT 5e PLENUM GRAY @350MHZ	Additional Component	Various Manufacturers	62SPNCMPL5EGY	\$ 0.38
CABLE CAT 5E PLENUM@350MHZ WHITE	Additional Component	Various Manufacturers	62SPNCMPL5EWH	\$ 0.35
FIBER CABLE 12MM (62.65) 12SM IND/OUT OSP PLENUM OPTICAL	Additional Component	Various Manufacturers	62SPNDX24075	\$ 2.82
25/PAIR 24GA, PE-89 TYPE FOAM/FILLED BLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE002524	\$ 1.05
50 / PAIR 24/GA. PE-89 TYPE FOAM FILLEDBLACK JACKET SEALPIC	Additional Component	Various Manufacturers	62SPNE005024	\$ 2.04

# Large PBX Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost
BATTERY BACK UNIT MAIN 1-CAB+	Additional Component	Various Manufacturers	23APNSU750XL	\$ 576.00
RACK MOUNT BATTERY BACK UP UNIT 1000XA	Additional Component	Various Manufacturers	23APNSUA1000RM2U	\$ 899.99
APC SMART UPS 1000 VA XL RUN	Additional Component	Various Manufacturers	23APNSUA1000XL	\$ 763.20
RACK MT A.P.C. BATTERY B/U	Additional Component	Various Manufacturers	23APNSUA1500RM	\$ 1,017.00
APC SMART UPS RK MT 2200VA	Additional Component	Various Manufacturers	23APNSUA2200RM2U	\$ 1,345.41
Smart U.P.S. Rack Mount Battery Back-Up Unit 2200VA, 120V, 3U	Additional Component	Various Manufacturers	23APNSUA2200RMXL3U	\$ 1,608.33
APC SMART UPS BATTERY PAK	Additional Component	Various Manufacturers	23APNSUA24XLBP	\$ 448.50
APC SMART UPS BATTERY PACK RACK MOUNT	Additional Component	Various Manufacturers	23INNSU24R2XLBP	\$ 675.90
Monthly Maintenance per Voice Mail Port	Additional Component	ET&T	ETT-Maintenance-VM	\$ 17.00
Monthly Maintenance per System Port	Additional Component	ET&T	ETT-Maintenance-Port	\$ 4.00
Monthly Maintenance per Phone	Additional Component	ET&T	ETT-Maintenance-Phone	\$ 6.00

## Appendix D - Lobbying Certification Form

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### Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form- LLL, Disclosure of Lobbying Activities, in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed under *Section 1352, Title 31, U. S. Code*. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for such failure.

SIGNATURE: 

TITLE: President

DATE: August 8, 2012

## DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352  
(See reverse for public burden disclosure.)

Approved by OMB  
0348-0046

<b>1. Type of Federal Action:</b> <input type="checkbox"/> NO a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> NO a. bid/offer/application b. initial award c. post-award	<b>3. Report Type:</b> <input type="checkbox"/> NO a. initial filing b. material change <b>For Material Change Only:</b> year <u>N/A</u> quarter <u>N/A</u> date of last report <u>N/A</u>
<b>4. Name and Address of Reporting Entity:</b> <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known:  <b>Congressional District, if known:</b> 4c	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> N/A  <b>Congressional District, if known:</b> N/A	
<b>6. Federal Department/Agency:</b> N/A	<b>7. Federal Program Name/Description:</b> N/A CFDA Number, if applicable: <u>N/A</u>	
<b>8. Federal Action Number, if known:</b> N/A	<b>9. Award Amount, if known:</b> \$ N/A	
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI): N/A	<b>b. Individuals Performing Services (including address if different from No. 10a)</b> (last name, first name, MI): N/A  <div style="background-color: black; width: 100%; height: 30px; margin-top: 10px;"></div>	
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	<b>Signature:</b> <b>Print Name:</b> <u>Fusun Bubernack</u> <b>Title:</b> <u>President</u> <b>Telephone No.:</b> <u>610-867-7800</u> <b>Date:</b> <u>08/08/2012</u>	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)



### DEPARTMENT OF GENERAL SERVICES SMALL BUSINESS CERTIFICATION

*If the Bidder/Offeror is a Qualified Small Business, the Bidder/Offeror must complete, sign and submit the following certification with its Bid/Proposal.*

I, Fusun Bubernack, being the President [title] of Eastern Telephone & Telecom [Contractor], ("Contractor") do hereby certify and represent to the Commonwealth of Pennsylvania ("Commonwealth") that:

- 1. Contractor is not a subsidiary of another firm.  Yes  No
- 2. Contractor is not dominant in its field of operation.  Yes  No
- 3. Contractor employs no more than 100 full-time or full-time equivalent employees.  Yes  No

Total Number of Full-time or Full-time Equivalent Employees on Payroll 18

- 4. Contractor earned less than \$20,000,000 in gross annual revenues (\$25,000,000 in gross annual revenues for those businesses in the information technology sales or service business) in each of its last two fiscal years.  Yes  No

Gross Annual Revenues in its Last Fiscal Year	\$2,400,000.00
Gross Annual Revenues in its Preceding Fiscal Year	\$ 2,500,000.00

- 5. If Contractor is a new business (less than 1 year), Contractor has an approved business plan by the Small Business Development Center or by a Pennsylvania Enterprise Center authorized by the Minority Development Agency of the United States Department of Commerce. N/A  Yes  No

6. The information and certifications provided by Contractor are material and important and will be relied upon by the Commonwealth in awarding the contract. The Department shall treat any misstatement as fraudulent concealment of the true facts punishable under Section 4904 of the Pennsylvania Crimes Code, Title 18, of Pa. Consolidated Statutes.

Attest or Witness:

Eastern Telephone & Telecommunications, Inc.  
Corporate or Legal Entity's Name

 8/8/2012  
Signature/Date

 B.B-12  
Signature/Date

Mike Bubernack, Secretary/Treasurer  
Printed Name/Title

Fusun Bubernack, President  
Printed Name/Title



MITEL NETWORKS, INC.  
1016 W. Geneva Drive  
Tempe, AZ 85282

Joe Millovich  
Office of Administration  
613 North Street, Finance Building, Room 5  
Harrisburg, PA 17120

August 8, 2012

Dear Mr. Millovich,

Mitel Networks Inc. is pleased that you are considering the purchase of a new Mitel 3300, NuPoint Mail and Mitel 5000 communication solution ("Product") from Eastern Telephone & Telecommunications (ET&T), a Mitel Exclusive Business Partner ("EBP"). EBP's employ Mitel certified technicians to install and maintain Mitel solutions. Within the Mitel family Eastern Telephone & Telecommunications (ET&T) is recognized for its technical expertise and for its emphasis on customer service and satisfaction. EBP's have been selected from among top resellers nationwide and are required to meet and maintain standards established by Mitel as well as industry standards.

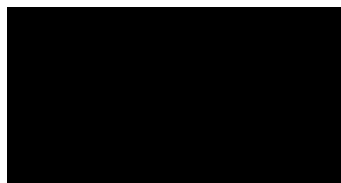
You can be assured that Eastern Telephone & Telecommunications (ET&T), an EBP in good standing as of August 8, 2012, is adhering to our stringent customer service requirements. EBP's are required to be technically certified by Mitel on all products they sell and to regularly attend update-training courses to be re-certified on new product developments and software upgrades.

Mitel stands behind Eastern Telephone & Telecommunications (ET&T) and the Product with a policy of assuring spare parts availability for a total duration of five (5) years after manufacturer discontinuance or seven (7) years from installation. Each EBP is encouraged to maintain a sufficient spare parts inventory. In an emergency Mitel Networks will ship replacement parts within twenty-four (24) hours of request from an EBP on an "expedited" basis. We further support Eastern Telephone & Telecommunications (ET&T) by making available requested technical assistance and engineering support.

You can be assured that the Products you are considering are backed by Mitel's industry-acknowledged product reliability and bolstered by our strong commitment to ongoing research and development which affords you state-of-the-art communications solutions now and in the future. Your EBP will provide you with a product warranty modeled after our warranty to EBP. Mitel is an international communications equipment supplier and a leader in the Voice-over-IP market ("VoIP").

We appreciate your interest in the Mitel Product and the business you are contemplating doing with Eastern Telephone & Telecommunications (ET&T).

Sincerely,



Dave Clardy  
Regional Vice President



August 17, 2012

Office of Administration | Bureau of IT Procurement  
Joseph M. Millovich  
613 North Street, 5th Floor, Finance Building  
Harrisburg, PA 17120

Dear Joseph M. Millovich,

Reference: Authorized Samsung Reseller: **EASTERN TELEPHONE & TELECOMMUNICATI**

Samsung's mission is to level the playing field for small and mid-sized businesses by making enterprise quality telecommunications technologies more accessible and more affordable. We deliver this through a scalable communication platform that grows with your business. We understand customer choice. Your decision to do business with an Authorized Reseller having a solid relationship with Samsung is sound judgment. Rest assured, our authorized dealers are trained and certified on our products in order to deliver superior service and to be in accord with their Samsung agreement. We in-turn strive to maximize and strengthen our relationships through local support and communication.

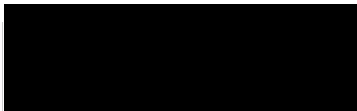
Customers ultimately decide our success and failure. That's why when they choose Samsung we're committed all the way, all the time. Working together, Samsung and our distribution network are committed to providing the highest level of quality products and support available in the telecommunications marketplace today.

STA's parent company, Samsung Electronics Co., Ltd. leads the global market in high-tech electronics manufacturing and digital media. Through innovative, reliable products and services; talented people; a responsible approach to business and global citizenship; and collaboration with our partners and customers, Samsung is taking the world in imaginative new directions.

We are pleased that you are considering the purchase of a Samsung telephone system. Samsung remains dedicated to designing products that provide you with reliability, cost reduction and increased efficiency. Samsung's **five-year manufacturer systems warranty** delivers industry leading peace of mind as well. (For specific coverage, please refer to the Samsung Warranty Statement located in the general description of the telephone system). This warranty assures you that your equipment is always serviced by repair centers certified by Samsung and which are specially trained to analyze and repair your equipment, thus allowing us to maintain 100% quality control throughout the life of your equipment warranty.

Samsung Telecommunications America believes strongly in our products and our authorized resellers. We will always continue to supply product support, in accordance with our warranty policy and procedures. In the unlikely event that your Authorized Samsung reseller is unable to provide continuous support and service, we will gladly appoint another to assist you. If you are ever dissatisfied with service, please contact me directly.

We look forward to welcoming you to our family of satisfied customers.



Bruce Ware  
Director of Sales  
Samsung Telecommunications America



**INVITATION FOR BID FOR**

**PBX & KEY TELEPHONE SYSTEMS, EQUIPMENT AND OTHER  
RELATED SERVICES**

**ISSUING OFFICE**

**OFFICE OF ADMINISTRATION, OFFICE FOR INFORMATION  
TECHNOLOGY PROCUREMENT**

**IFB NUMBER**

**6100022456**

**DATE OF ISSUANCE**

**08/06/2012**

**INVITATION FOR BID**  
**FOR**  
**PBX & KEY TELEPHONE SYSTEMS, EQUIPMENT AND OTHER**  
**RELATED SERVICES**

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## CALENDAR OF EVENTS

The Commonwealth will make every effort to adhere to the following schedule:

<b>Activity</b>	<b>Responsibility</b>	<b>Date</b>
Deadline to submit questions via email to <a href="mailto:RA-OITPurchases@state.pa.us">RA-OITPurchases@state.pa.us</a> with the subject line "IFB 6100022456 Question"	Bidders	<b>8/9/12</b>
Answers to potential Bidder questions posted to the eMarketplace website no later than this date.	Issuing Office	<b>8/13/12</b>
Please monitor the eMarketplace website for all communications regarding this IFB.	Bidders	<b>On going</b>
Bids must be submitted via the PASupplierPortal website no later than this date.	Bidders	<b>8/17/12 4:00 PM</b>

## PART I

### GENERAL INFORMATION

#### I-1. Purpose

This Invitation for Bids (IFB) provides to those interested in submitting bids for the subject procurement (Bidders) sufficient information to enable them to prepare and submit bids for the Office of Administration, Office for Information Technology Procurement's consideration on behalf of the Commonwealth of Pennsylvania (Commonwealth) to satisfy a need for private branch exchange (PBX) and key telephone systems, equipment and other related services (Project).

#### I-2. Issuing Office

The Office of Administration, Office for Information Technology Procurement (Issuing Office) has issued this IFB on behalf of the Commonwealth. The sole point of contact in the Commonwealth for this IFB is **Joe Millovich** ([RA-OITPurchases@state.pa.us](mailto:RA-OITPurchases@state.pa.us)), 613 North St., Finance Building – Rm. 5, Harrisburg, PA 17120, the Issuing Officer for this IFB. Please refer all inquiries to the Issuing Officer.

#### I-3. Problem Statement

The purpose of this IFB is to procure PBX & key telephone systems, equipment and other related services. The contract(s) resulting from this IFB will also cover moves, adds and changes (MACs), cabling, installation, maintenance, training and other related services. Additional detail provided in *Part II* of this IFB.

#### I-4. Term

The contract(s) resulting from this IFB will commence on the effective date, as defined in *Appendix A – Terms and Conditions*, and will end after five (5) years. No service may begin or be reimbursed prior to issuance of a purchase order. Final payment will not be made until all services have been successfully completed.

#### I-5. Terms and Conditions

The requirements and terms and conditions of *Appendix A – Terms and Conditions* shall govern any contract or purchase order issued as a result of this IFB.

#### I-6. Pre-Bid Conference

There will be no pre-bid conference for this IFB. If there are any questions, please refer them to the Issuing Officer.

#### I-7. Electronic Version of IFB

This IFB is being made available by electronic means. The Bidder acknowledges and accepts full responsibility to insure that no changes are made to the IFB. In the event of a conflict between a version of the IFB in the Bidder's possession and the Issuing Office's version of the IFB, the Issuing Office's version shall govern.

**I-8. Awards**

This will be a multiple award IFB. Awards will be made to all responsive and responsible Bidders who meet the requirements specified in *Section II-3 Requirements* for a particular zone specified in *Appendix F – Zones*. The sixty-seven (67) counties of the Commonwealth have been divided into three (3) zones. Bidders may elect to provide telephone systems, equipment and other related services, for any combination of zones. Awards will be made by zone, by manufacturer. A Bidder may bid multiple manufacturers per zone.

When the need for a telephone system, equipment or other related services arises, each using agency will contact the Awarded Bidder(s) and request a quote. It will be the responsibility of the using agency to determine the Awarded Bidder who provides the best value.

**I-9. Questions and Answers**

If a Bidder has any questions regarding this IFB, the Bidder must submit the questions via email (with the subject line “IFB 6100022456 Question”) to the email address specified in the *Calendar of Events*. If the Bidder has questions, they must be submitted via email no later than the date and time specified in the *Calendar of Events*. The Bidder shall not attempt to contact the Issuing Officer by any other means. The Issuing Officer will post the answers to the eMarketplace website. A Bidder who submits a question after the deadline date for receipt of questions indicated on the *Calendar of Events* assumes the risk that its bid will not be responsive or competitive because the Commonwealth is not able to respond before the bid receipt date or in sufficient time for the Bidder to prepare a responsive or competitive bid. When submitted after the deadline date for receipt of questions indicated on the *Calendar of Events*, the Issuing Officer may respond to questions of an administrative nature by directing the questioning Bidder to specific provisions in the IFB. To the extent that the Issuing Office decides to respond to a non-administrative question after the deadline date for receipt of questions indicated on the *Calendar of Events*, the answer will be provided to all Bidders through an addendum.

All questions and responses as posted on the eMarketplace website are considered as an addendum to, and part of, this IFB. Each Bidder shall be responsible to monitor the eMarketplace website for new or revised IFB information. The Issuing Office shall not be bound by any verbal information nor shall it be bound by any written information that is not either contained within the IFB or formally issued as an addendum by the Issuing Office. The Issuing Office does not consider questions to be a protest of the specifications or of the solicitation.

**I-10. Addenda to IFB**

If the Issuing Office deems it necessary to revise any part of this IFB before the due date, the Issuing Office will post an addendum to the eMarketplace website. Answers to the questions asked during the questions and answer period will also be posted to the eMarketplace website as an addendum to the IFB.

**I-11. Response Date**

A Bidder's electronic bid must be submitted via the PASupplierPortal website on or before the due date specified in the *Calendar of Events*. Any bid submitted to the Issuing Office in hardcopy format will be rejected.

**I-12. Incurring Costs**

The Issuing Office is not liable for any costs a Bidder incurs in preparation and submission of its bid, in participating in the IFB process or in anticipation of award of a purchase order.

**I-13. Restriction of Contact**

From the issuing date of this IFB until the Issuing Office selects a bid for award, the Issuing Officer is the sole point of contact concerning this IFB. Any violation of this condition may be cause for the Issuing Office to reject the offending Bidders bid. If the Issuing Office later discovers that a Bidder has engaged in any violations of this condition, the Issuing Office may reject the offending Bidders bid or rescind its contract award. Bidders must agree not to distribute any part of its bid beyond the Issuing Office. Any Bidder who shares information contained in its bid with other Commonwealth personnel and/or competing Bidder personnel may be disqualified.

**I-14. Awarded Bidder Responsibilities**

The Awarded Bidder will be required to assume responsibility for all services offered in its bid whether it produces them itself or by subcontract. The Issuing Office and Project Manager will consider the Awarded Bidder to be the sole point of contact with regard to contractual and purchase order matters.

**I-15. Resources**

The Awarded Bidder shall provide all services, supplies, facilities, and other support necessary to complete the identified work.

**I-16. Rejection Of Bids**

The Issuing Office reserves the right, in its sole and complete discretion, to reject any bid received in response to this IFB.

**I-17. Background Checks**

The Awarded Bidder must, at its expense, arrange for a background check for each of its employees, as well as for the employees of its subcontractors, who will have access to Commonwealth facilities, either through on-site or remote access. Background checks are to be conducted via the Request for Criminal Record Check Form, the procedure can be found [here](#). The background check is to be conducted, by the Awarded Bidder, prior to initial access by the employee and annually thereafter.

Before the Commonwealth will permit an employee of the Awarded Bidder access to a Commonwealth facility, the Awarded Bidder must provide written confirmation to the office designated by the using agency that the background check has been conducted. If, at any time, it is discovered that an employee of the Awarded Bidder or an employee of a

subcontractor of the Awarded Bidder has a criminal record that includes a felony or misdemeanor involving terrorist threats, violence, use of a lethal weapon, or breach of trust/fiduciary responsibility; or which raises concerns about building, system, or personal security, or is otherwise job-related, the Awarded Bidder is not to assign that employee to any Commonwealth facilities, is to remove any access privileges already given to the employee, and is not to permit that employee remote access to Commonwealth facilities or systems, unless the agency consents, in writing, prior to the access being provided. The using agency may withhold its consent at its sole discretion. Failure of the Awarded Bidder to comply with the terms of this paragraph may result in default of the Awarded Bidder under its contract with the Commonwealth.

The Commonwealth specifically reserves the right to conduct or require background checks over and above that described herein.

**I-18. Bidding Reference Material**

[Bidding Process Reference Guide](#)

[Supplier Response to a Solicitation - Brochure](#)

[Attaching Follow-On Documents to your Bid](#)

[Bidding Frequently Asked Questions \(FAQ's\)](#)

## PART II

### SPECIFICATIONS

#### II-1. Objectives

A. General: This IFB contains instructions governing the bid to be submitted and the information and documents to be included therein; specifications for services which must be met to be eligible for consideration; other requirements to be met by each Bidder; contract terms and conditions; and instructions for submitting electronic bids.

B. Specific: The Commonwealth intends to reduce its cost for telephone systems, equipment and other related services, by channeling the volume of Commonwealth demand.

#### II-2. Nature and Scope of the Project

This IFB seeks the best prices for telephone systems and the other related services for all executive agencies within specific zones across the Commonwealth as specified in *Appendix F – Zones*.

#### II-3. Requirements

A. General: The Awarded Bidder must comply with the following requirements as these general requirements cover all PBX & key telephone systems, equipment and other related services:

1. The Awarded Bidder must comply with all of the Commonwealth's Enterprise Information Technology Policies. Click [here](#) to view the Enterprise Information Technology Policies.
2. The Awarded Bidder must comply with the Commonwealth's Prevailing Wage Act (No. 442). Click [here](#) to view the Commonwealth's Prevailing Wage Act (No. 442).
3. The Awarded Bidder must provide a dedicated project manager who will be responsible for coordination of all activities between the Issuing Office, using agency, Awarded Bidder and its subcontractors. The project manager cannot be removed without written consent from the Issuing Officer.
4. All equipment offered by the Bidder must be new. A "new" item is one, which will be used first by the Commonwealth after it is manufactured or produced. Used, remanufactured or reconditioned items are not acceptable. This clause shall not be construed to prohibit Bidders from offering goods, supplies, materials or printing with recycled content, provided the item is new.
5. The Awarded Bidder must have the capability of providing coverage to all counties within a selected zone.
  - a. The Awarded Bidder must provide, install, maintain and support the equipment which makes the telephone system fully operational. The Commonwealth will consider the Awarded Bidder to be the sole point of contact with regard to contractual matters, including



- payment of any and all charges resulting from the cost for an installed telephone system.
- b. The Awarded Bidder must have on-hand inventory for most replacement parts for all installed telephone systems.
6. All installed telephone systems must be turnkey; ready for immediate use following installation. All telephone systems must be installed without any loss of service to the Commonwealth. Surge/transient protection must be included for all telephone systems, especially within campus environments. An installed telephone system must operate at 99% up time for a total of fifteen (15) continuous days before it will be accepted by the using agency.
  7. The Awarded Bidder must submit a quote to the using agency Telecommunications Management Officer (TMO) for all telephone systems requiring equipment or labor, such as core drilling, conduit, or after hours work. The Awarded Bidder must provide a description why the equipment or labor is needed within its quote. Agency approval must be obtained through an email or signature on the quote and attached to the ESMS Order Screen.
  8. The Awarded Bidder must follow the change procedures attached to *Appendix H – Change Request Form* for all contract changes. The completed *Appendix H – Change Request Form* must be sent to [RA-pbxkeymacmgmt@pa.gov](mailto:RA-pbxkeymacmgmt@pa.gov) for OA/ES approval.
  9. The Awarded Bidder guarantees that the installation of all telephone systems will be in full compliance with all federal, state, and local government building and fire statutes, codes and regulations as well as industry standards.
  10. The Awarded Bidder must, until the expiration of its contract, after the acceptance date of an installed telephone system, upon the request from the using agency, make available telephones, equipment and/or other components.
  11. The cost for a telephone system being offered, including installation, will constitute as the final cost. No travel time or delivery charges are acceptable.
  12. Location Assessments: A location assessment includes such things as, but not limited to, the assessment of power, facilities, space, etc. The locations of the telephone systems within the Commonwealth are specified within *Appendix F – Zones*. The Awarded Bidder must comply with the requirements below when performing location assessments, after a using agency has expressed interest in procuring a telephone system:
    - a. Location assessments must be conducted within five (5) business days upon notification from the using agency.
    - b. If at the time of the location assessment the Awarded Bidder determines there are unusual installation factors requiring additional cost, the Awarded Bidder must submit in writing, to the using agency TMO, a detailed explanation of reasons for the additional cost.

- c. The Awarded Bidder must indicate the cost for location assessments in *Appendix C – Cost Matrix*. If it is determined, by the using agency, that the services provided were incomplete and/or unsatisfactory, the Awarded Bidder must return to the location, within twenty-four (24) hours, and correct the issue at no additional cost.
13. The Awarded Bidder will be responsible for investigating and recommending the most effective and efficient configuration for each using agency. Consideration shall be given to the stability of the configuration being offered and the future direction of technology, confirming to the best of their ability that the recommended approach is not short lived. Several approaches may exist for equipment configurations. The Awarded Bidder must provide a justification for its equipment and other products being offered, along with cost therefore. The Awarded Bidder is encouraged to present explanations of benefits and merits of its solution being offered together with any other related services, including warranties and maintenance.
14. If during the term of a contract, resulting from this IFB, new equipment becomes available, an Awarded Bidder may, with the written approval of the using agency TMO, substitute equipment if it offers features equal to or greater than, and at a cost that is equal to or less than the original bid.
15. The Awarded Bidder must provide monthly reports to ES, Contract Compliance via email to [RA-pbxkeymacmgt@pa.gov](mailto:RA-pbxkeymacmgt@pa.gov). In addition, the monthly service level reports must be provided in the format specified in *Appendix G – Service Level Agreements*, no later than the tenth (10th) calendar day of the succeeding month.
16. A Bidder, if not the manufacturer of a telephone system or the equipment being offered, must submit, along with its bid, a manufacturer authorization letter.
17. The Awarded Bidder must accept orders, via email, from the Commonwealths Enterprise Services Management System (ESMS). The Awarded Bidder must provide an email address.
18. Remedy is the preferred Information Technology Service Management (ITSM) system of the Commonwealth for enterprise asset management, service desk (Incident and problem management), and change management. When a Commonwealth employee is experiencing issues and needs to place a service call, the Commonwealth's Remedy ITSM system will be used to communicate the issue to the Awarded Bidder. These issues can be handled in the follow ways; the Awarded Bidder will purchase a float license (see Option A below), or the Remedy ITSM system will have a business-to-business (B2B) connection via web services to the Awarded Bidder's system(see Option B below). The Bidder must indicate which option it selects as the Commonwealth will allow only one (1) of the following options to be utilized. The Awarded Bidder will work with ES, Contract Compliance to setup the

Commonwealth's Remedy ITSM system, no matter which option it chooses.

a. OPTION A: Awarded Bidder utilizes the Commonwealth's Remedy ITSM environment exclusively based on the following guidelines:

- 1) The Awarded Bidder will be notified via email when help desk cases have been assigned. These help desk cases can then be forwarded or assigned to the Awarded Bidders appropriate personnel. The Awarded Bidder will be responsible for acquiring licenses to gain access to the Commonwealth's Remedy ITSM environment.
- 2) The Awarded Bidder will have remote access to the Commonwealth's Remedy ITSM system to view, modify, and resolve help desk cases.
- 3) Thorough documentation will be provided describing the Commonwealth's Remedy ITSM system, business processes, escalation procedures, data models, data extraction, and reporting procedures related to the Commonwealth's Remedy ITSM environment. The Awarded Bidder will be provided with the appropriate documentation needed to access the Commonwealth's Remedy ITSM environment.
- 4) Service Level Agreements (SLAs) will be captured for each priority defined, if applicable.
- 5) Float licenses will allow up to five (5) individuals to be signed into the Remedy ITSM system (only one (1) at a time). If more than one (1) float license is requested by an Awarded Bidder, the Awarded Bidder will be charged for the cost of each additional license. The estimated cost of a float license is \$2,500/ea.

b. OPTION B: Awarded Bidder provides its own ticketing/dispatch system and tickets will be shared utilizing a web service/XML based on the following guidelines:

- 1) The web services (XML) option allows data to pass between the Commonwealth's Remedy ITSM system server and the Awarded Bidders choice system. The web services in this scenario will be utilized to pass help desk case information between the Commonwealth's Remedy ITSM system server and the Awarded Bidders system.
- 2) The Commonwealth will provide necessary guidelines and specifications for setting up the web service process by providing a back end form to use for the ease of mapping and to eliminate security risks, also included in this document are the requirements to set up web services.
- 3) The Awarded Bidder must have a web service/XML subject matter expert/developer to configure and maintain

its own environment and to work with Commonwealth Remedy ITSM system personnel to implement based on the guidelines and specifications document provided.

- 4) The web service is available via the internet however; the Awarded Bidder must have a network administrator to work closely with Commonwealth Remedy ITSM system personnel to resolve any connectivity issues that may arise.

19. Bidders must complete, in its entirety, *Appendix C - Cost Matrix*.

B. Telephone Systems: The Awarded Bidder must comply with the following telephone system requirements:

The telephone system(s) being offered must be configured to meet the small, medium and large needs of the Commonwealth. Each configuration must indicate the minimum and maximum capacity specifications such as, but not limited to, number and type of ports, hours of storage and number of mailboxes.

The Bidder must indicate all of the items required, in order to make the telephone system(s) being offered fully operational, and include the equipment and/or other components, if any, which are interchangeable. The Bidder must indicate the cost for all items, as well as the costs for optional items and services within *Appendix C – Cost Matrix*.

1. The telephone system(s) being offered must include power failure and surge/transient protection. Bidders must include the cost for optional power failure and surge/transient protections within *Appendix C – Cost Matrix*.
2. The Awarded Bidder must have security measures in place to control access to the telephone system(s) being installed to prevent toll fraud.
3. The Bidder must provide a voice processing system as an option. The telephone system(s) being offered must include software for voice mail, telephone answering, automated attendant, audiotex, facsimile and forms software that can query a caller for information to be transcribed at a later time. Include all components and all optional capabilities, including expansions options within *Appendix C – Cost Matrix*.
4. The Bidder must provide automatic call distribution (ACD) as an option. The telephone system(s) being offered must include digital switching and must be expandable. The telephone system(s) being offered must be able to digitally store multiple announcements and have a complete reporting system.
5. The Bidder must provide station message detailed recording (SMDR) as an option. The telephone system(s) being offered must be microprocessor controlled; stand-alone telephone accounting system with fully modular software and expansion capability. Include all standard and optional SMDR capabilities within *Appendix C – Cost Matrix*.
6. The Awarded Bidder must allow remote access by the Commonwealth as a using agency may elect to perform remote moves, adds and changes

(MACs). The Awarded Bidder must provide remote maintenance 24/7 that includes monitoring of the telephone system for all alarms. A technician must be dispatched for all alarms not cleared remotely, and the location must be notified of the situation.

7. The telephone system(s) being offered must have inherent ISDN (integrated service digital network), ACD, and SMDR, and have IVR (Interactive Voice Response) capabilities, VoIP capability and must be T-1 (DS1)/DS3 compatible and must be capable of enabling Telephony Services Application Programmers Interface (TSAPI) or Telephone API. The telephone system(s) being offered must also have a minimum redundancy level of duplicate central processing units, RAM memory and power supply. The redundant system must be capable of hot swapping, that is, the ability to change integral parts without any loss of service. The telephone system(s) being offered must be configured non-blocking and provide a platform with open face specifications which will allow intra and internetwork videoconferencing and future advances in technology without requiring non-affected elements to be replaced. The telephone system(s) being offered must have sufficient memory to handle for example speed calling and the memory capacity must increase proportionately as configurations increase in size. The Awarded Bidder will be responsible for complete design of each telephone system.
8. The telephone system(s) being offered must be compatible with the Commonwealth's Voice over Internet Protocol (VoIP) solution and telephone devices.
9. The telephone system(s) being offered must have call tracing ability.
10. The Award Bidder must provide a cutover plan for each telephone system being installed.

C. Moves, Adds and Changes (MACs): The Awarded Bidder must comply with the following move, add and change requirements:

A move, add or change is defined as any ancillary service performed on equipment after a telephone system has been installed. Ancillary services are such things as, telephone moves when employees are relocated, telephone additions when new employees are hired and changes to equipment features.

1. The Awarded Bidder must be capable of performing MACs on installed telephone systems. The Awarded Bidder must, at a minimum, be able to perform MACs on:
  - a. Key Telephone Systems
  - b. PBX Telephone Systems
  - c. Installing of cable, less than 150 feet
  - d. CPU & Consoles, such as analog/digital
  - e. ISDN sets, attendant consoles, variety of IP sets compatible with the Commonwealth's VoIP solution.
  - f. PC voice mail systems
  - g. Conference phones

2. A location service visit charge will apply for all MACs, unless covered by maintenance. The Bidder must include the cost for service visits within *Appendix C – Cost Matrix*.
- D. Cabling: The Awarded Bidder must comply with the following cabling requirements:
1. As a standard all cable installed must be, at a minimum, Cat5e Unshielded Twisted Pair (UTP).
  2. Standard Cat5e cable being installed should not exceed 295 feet from the demarcation (demarc) point. The demarc being defined as the point between the wiring that comes in from the local telephone company and the wiring used to connect to the telephone system. The cost for cable runs which exceed 295 feet must be included in *Appendix C – Cost Matrix*.
  3. A minimum of one (1) power failure jack and one (1) 2500 type telephone must be included in the cost of each telephone system, if applicable, which must be located in a convenient accessible area such as at the receptionist's desk or manager's office, unless otherwise designated by the using agency TMO.
  4. The scope of the voice cabling support starts at the demarc, includes the main distribution frame (MDF), any intermediate distribution frames (IDFs), other wiring closets, the jacks located in the user space, and all wiring in-between.
  5. All cabling must clearly be labeled at both ends. Additionally, the patch panel or wiring block must be labeled with the telecommunications outlet number and locations of the remote end. The numbering scheme will be kept uniform and consistent throughout an entire location. Each installation will be required to have up-to-date cable records located at the MDF, IDF, or patch panel. The patch panel or wiring block must be labeled with the telecommunications outlet number and locations of the remote end. Documentation/labeling are typically done in accordance with the TIA 606 standards. These cable records are and will remain the property of the Commonwealth.
  6. On-site technicians must have all of the necessary tools to perform cabling services.
  7. All cabling will be installed and tested in accordance with the current version of the EIA/TIA-568 Commercial Building Wiring Standards and all associated reference documents.
  8. Voice circuits are typically terminated with industry standard telecommunications jacks (e.g., RJ11, RJ45). Jacks will be wired according to the current Electronic Industries Association/Telecommunications Industry Association (EIA/TIA)-568 Commercial Building Wiring Standard EIA/TIA 568B, bulletin TSB-36, or bulletin TSB-40A standards, based on relevancy.
  9. Testing may include, but is not limited to, attenuation testing, near-end crosstalk (NEXT) testing, distance testing (time domain reflectometer –

TDR), wiremap testing, jitter, and tone testing for any and all of the circuits and systems outlined above. The nature of the testing is determined by the equipment in use and the circuit type. Testing is typically per TIA/EIA TSB-67 standards and all associated reference documents. As a minimum the test results for each telecommunications outlet location must contain the jack number and wire map. Depending on the nature of the problem attenuation, near end crosstalk (NEXT), and cable impedance may also be required.

Testing/troubleshooting specific to ISDN includes full channel (analog only) / half channel (analog and digital) measurements (particularly when there is a PBX with ISDN interface), attenuation, line level, peak code word, crosstalk, idle channel noise, bit error testing, error measurement (short and long term), and coder offset. Due to the higher frequency of ISDN, voltage and current measurement alone is insufficient for ISDN testing.

10. All new cabling is required for each installation and must be Communications Riser cable (CMR) unless cabling is run in air plenum space in which case cabling must be Communications Plenum cable (CMP). The Awarded Bidder may only use a locations existing cable when prior approval is obtained from the using agency TMO. If an exception to use a locations existing cable is obtained the Awarded Bidder must provide a dollar per jack credit. All cable being reused requires testing. The Awarded Bidder must provide a minimum of 25% spare cable pairs at the mainframe and/or IDF.
11. Testing and certification is required to ensure all cables and their associated jacks, patch panels and jumpers meet the appropriate standards for the type of telephone system being installed. The Awarded Bidder must provide a complete copy of all certification test results to the using agency TMO.
12. All cable records must be updated whenever MACs are made that affect the internal building wiring in any way. These records must be updated by the technician performing the cabling service, on the same business day.
13. *Appendix I - Cable Management Record Form* must be utilized by the Awarded Bidder, its subcontractor(s) and using agency personnel when performing any service that affects cable and wiring information within a Commonwealth facility. The Awarded Bidder will be responsible for filling out the portion of the form which pertains to the cabling services performed and must send the completed form to the using agency TMO. The using agency TMO will enter the information from the form into the Commonwealth's ESMS.

The Awarded Bidder may be required, in the future, to update cable records through the ESMS. Access to the ESMS website will be provided, to the Awarded Bidder, for updating purposes only, when cable changes and/or new services are requested by the using agency. Information must

be updated through the ESMS website, by the Awarded Bidder, before billing takes place. In the case of a MAC order where a telephone is moved, the Awarded Bidder will be responsible for ensuring the cable records are updated. Until access to the ESMS website is provided to the Awarded Bidder, a hardcopy of the *Appendix I - Cable Management Record Form* must be provided to the using agency TMO.

- E. Maintenance & Warranty: The Awarded Bidder must comply with the following maintenance and warranty requirements:
1. The Awarded Bidder must, if elected by the using agency, service an installed telephone system until the expiration of its contract.
  2. The Awarded Bidder must include, at no cost to the Commonwealth, the most recent software upgrades during the warranty period. The Awarded Bidder must also include, at no cost to the Commonwealth, the most recent software upgrades when telephone systems are covered by maintenance. If other costs are associated with software upgrades they must be included within *Appendix C – Cost Matrix*. The Bidder must include a cost for maintenance within *Appendix C – Cost Matrix*.
  3. The Awarded Bidder must have a dispatch center that will be responsible for receiving and handling all service calls from the Commonwealth. The centralized dispatch center must have a toll free telephone number specifically for use by the Commonwealth when placing service calls. Sufficient support must be available, at all times, to meet the needs of the Commonwealth. The Commonwealth will not call a manufacturer directly for any warranty or maintenance issues.

The Awarded Bidder must provide a facility to receive service calls on a 24-hour per day basis, 365 days of the year, during the warranty period and any additional maintenance periods.

- a. The Awarded Bidder must provide a listing of maintenance locations and list which counties will be covered by each location.
    - 1) Indicate how many service technicians, trained on the telephone systems and equipment being offered, will be available at each location and the number of locations for which the technicians will be responsible.
    - 2) Indicate how many fully equipped service vehicles will be available and at which locations the vehicles are assigned.
  - b. The Bidder must provide remote alarm capabilities.
- F. Training: The Awarded Bidder must comply with the following training requirements:
1. The Awarded Bidder must provide training for the technical staff responsible for administrative support of a telephone system during the warranty and any additional maintenance periods. Training must include all processes including, MACs, equipment, voice mail, ACD, call



accounting packages for the telephone system. Specify the costs associated with training within *Appendix C – Cost Matrix*.

Training courses must be provided at the location where the telephone system has been installed. Examples of training elements would be; all varieties of telephones, attendant consoles, equipment, voice mail, ACD, administrative terminal, etc. The date and time of the training courses must be coordinated between the project manager and the using agency.

2. Training courses must be completed prior to acceptance and activation of a telephone system. Specific training courses for the administrator of voice mail, ACD, SMDR and attendant consoles must be conducted separately.
3. Training documentation must be provided to technical staff for each telephone system. The Awarded Bidder must develop, update and maintain all training documentation during warranty and any additional maintenance periods.
4. The Awarded Bidder must provide unlimited follow-up training, when new equipment or features are added, at no cost, when requested by the using agency.

G. Liquidated Damages: The Awarded Bidder must comply with the following liquidated damage requirements:

1. Liquidated damage charges will not be assessed where performance by the Awarded Bidder is prevented or delayed by acts of God, freight embargoes, strikes, fire or acts of government, provided the Awarded Bidder notifies the using agency of such circumstances and the using agency reasonably determines that the failure to perform within the specified time was beyond the control and without the fault or negligence of the Awarded Bidder. The cost for liquidated damages being imposed by the Commonwealth may be deducted from scheduled payments to the Awarded Bidder or may be billed separately.
2. The liquidated damage charges for services associated with the contract(s) resulting from this IFB are referenced within *Appendix G – Service Level Agreements*.

H. Reporting: The Award Bidder must comply with the following reporting requirements:

The reporting requirements for the contract(s) resulting from this IFB are referenced within *Appendix G – Service Level Agreements*, in addition to providing general monthly performance reports.

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## **PART I - GENERAL INFORMATION**

### **PART I - GENERAL INFORMATION**

#### **I.1 IFB-001.1 Purpose (Oct 2006)**

The Commonwealth of Pennsylvania (Commonwealth) is issuing this Invitation for Bids (IFB) to meet the needs of COMMONWEALTH OF PENNSYLVANIA to satisfy a need for PBX & Key Telephone Systems.

#### **I.2 IFB-005.1 Type of Contract (Oct. 2006)**

If the Issuing Office enters into a contract as a result of this IFB, it will be a Established Price Contract contract containing the Contract Terms and Conditions as shown in Part V of this IFB.

#### **I.3 IFB-008.1C No Pre-bid Conference (Oct. 2006)**

There will be no pre-bid conference for this IFB. If there are any questions, please forward them to the Issuing Office prior to the bid opening date and time.

#### **I.4 IFB-009.1 Questions (February 2012)**

All questions regarding the IFB must be submitted in writing to the email address of the Issuing Officer provided in the solicitation. While there is no set timeline for the submittal of questions, questions received within 48 hours prior to the bid due date and time will be answered at the discretion of the Commonwealth. All questions received will be answered, in writing, and such responses shall be posted to eMarketplace as an addendum to the IFB. The Issuing Officer shall not be bound by any verbal information nor shall it be bound by any written information that is not either contained within the IFB or formally issued as an addendum by the Issuing Office. The Issuing Office does not consider questions to be a protest of the specifications or of the solicitation.

#### **I.5 IFB-010.1 Addenda to the IFB (Oct. 2006)**

If the Issuing Office deems it necessary to revise any part of this IFB before the bid response date, the Issuing Office will post an addendum to its website at [WWW.OA.STATE.PA.US](http://WWW.OA.STATE.PA.US) it is the Bidder's responsibility to periodically check the website for any new information or addenda to the IFB.

#### **I.6 IFB-011.1B Submission of Bids – Electronic Submittal (May 2011)**

- a. Bids are requested for the item(s) described in the Invitation For Bids and all the documents referenced in the form (collectively called the IFB). Bidders must submit their bids through the Commonwealth's electronic system (SRM).
- b. It is the responsibility of each bidder to ensure that its Bid is received through the electronic system prior to the date and time set for the opening of bids ("Bid Opening Time"). No Bid shall be considered if it arrives after the Bid Opening Time, regardless of reason for the late arrival.

Bids that are timely received prior to the Bid Opening Time shall be opened publicly in the presence of one or more witnesses at the time and place designated in this IFB for the Bid opening.

- c. Bids must be firm. If a Bid is submitted with conditions or exceptions or not in conformance with the terms

and conditions referenced in the IFB Form, it shall be rejected. The Bid shall also be rejected if the items offered by the Bidder are not in conformance with the specifications as determined by the Commonwealth.

d. The Bidder, intending to be legally bound hereby, offers and agrees, if this Bid is accepted, to provide the awarded items at the price(s) set forth in this Bid at the time(s) and place(s) specified.

#### **I.7 IFB-024.1 Bid Protest Procedure (Oct 2006)**

a. **Who May File the Protest.** Any Bidder or prospective bidder who is aggrieved in connection with the IFB or award of the contract solicitation or award of a contract may file a protest. Protests relating to cancellation of invitations for bids and protests relating to the rejection of all bids are not permitted. A Bidder is a person that submits a bid in response to the IFB. A prospective bidder is a person that has not submitted a bid in response to the IFB.

#### **b. Time for Filing.**

- 1) If a protest is submitted by a prospective bidder, the protest must be filed before bid opening time or proposal receipt date.
- 2) If a protest is filed by a Bidder, the protest must be filed within seven days after the protesting Bidder knew or should have known of the facts giving rise to the protest EXCEPT THAT IN NO EVENT MAY A PROTEST BE FILED LATER THAN SEVEN (7) DAYS AFTER THE DATE THE CONTRACT OR PURCHASE ORDER WAS AWARDED. Date of filing is the date of receipt of protest.
- 3) Untimely filed protests shall be disregarded.

#### **c. Form of Protest.**

- 1) A protest must be in writing and filed with the agency head (or designee) of the purchasing agency.
- 2) A protest must state all grounds upon which the protesting party asserts that the solicitation or award was improper. Issues not raised by the protesting party in the protest are deemed waived and may not be raised on appeal.
- 3) The protesting party may submit with the protest any documents or information deemed relevant.

d. **Notice of Protest** If award has been made, the agency head (or designee) shall notify the successful Bidder or contractor of the protest. If the protest is received before award and substantial issues are raised by the protest, all Bidders who appear to have a substantial and reasonable prospect of winning the award shall be notified and may file their agreement/disagreement with the purchasing agency within three (3) days after receipt of notice of the protest.

e. **Stay of Procurement.** The head of the purchasing agency (or designee) shall immediately decide, upon receipt of the protest, whether or not the solicitation or award shall be stayed, or if the protest is timely received after the award, whether the performance of the contract should be suspended. The Issuing Office shall not proceed further with the IFB or with the award of the contract, and shall suspend performance under the contract if awarded, unless the agency head of the purchasing agency makes a written determination that the protest is clearly without merit or that award of the contract/purchase order without delay is necessary to protect the substantial interests of the Commonwealth.

#### **f. Procedures.**

- 1) **Contracting Officer Response.** Within fifteen (15) days of the receipt of a protest, the contracting officer may submit a written response to the head of the purchasing agency (or designee). The response may include any documents or information that the contracting officer deems relevant to the protest.
- 2) **Protesting Party Reply.** Within ten (10) days of the date of the contracting officer response, the protesting party may file a written reply.

- 3) **Review.** The head of the purchasing agency (or designee) shall:
- a) Review the protest and any response or reply.
  - b) Request and review any additional documents or information he deems necessary to render a decision.
  - c) Give the protesting party and the contracting officer reasonable opportunity to review and address any additional documents or information requested by the agency head.
  - d) In his sole discretion, conduct a hearing.
  - e) Within sixty (60) days of the receipt of the protest, issue a written determination stating the reasons for the decision.
  - f) If additional time is required to investigate the protest, inform the protesting party of the additional time needed to render a determination and obtain the protesting party's consent.
- 4) **"Clearly Without Merit" Determinations.** If the head of the purchasing agency (or designee) determines, upon receipt, that the protest is clearly without merit and does not stay the procurement, the head of the purchasing agency (or designee) shall immediately issue the decision as required by Subparagraph h below.

g. **Settlement.** The Issuing Office has the authority to settle and resolve bid protests.

h. **Decision.** The head of the purchasing agency (or designee) shall promptly, but in no event later than sixty (60) days from the filing of the protest, issue a written decision. The decision shall:

- 1) State the reasons for the decision.
- 2) If the protest is denied, inform the protesting party of its right to file an appeal in Commonwealth Court within fifteen (15) days of the mailing date of the decision.
- 3) If it is determined that the solicitation or award was contrary to law, enter an appropriate order.

The agency head (or designee) shall send a copy of the decision to the protesting party and any other person determined by the agency head (or designee) to be affected by the decision.

### **I.8 IFB-025.1 Electronic Version of this IFB (Oct 2006)**

This IFB is being made available by electronic means. If a Bidder electronically accepts the IFB, the Bidder acknowledges and accepts full responsibility to insure that no changes are made to the IFB. In the event of a conflict between a version of the IFB in the Bidder's possession and the Issuing Office's version of the IFB, the Issuing Office's version shall govern.

### **I.9 IFB-027.1 COSTARS Program (Oct 2013)**

**COSTARS Purchasers.** Section 1902 of the Commonwealth Procurement Code, 62 Pa.C.S. § 1902 (“Section 1902”), authorizes local public procurement units and state-affiliated entities (together, “COSTARS Members”) to participate in Commonwealth procurement contracts that the Department of General Services (“DGS”) may choose to make available to COSTARS Members. DGS has identified this Contract as one which will be made available for COSTARS Members’ participation.

A. Only those entities registered with DGS are authorized to participate as COSTARS Members in this Contract. A COSTARS Member may be either a local public procurement unit or a state-affiliated entity.

1. A “local public procurement unit” is:

- Any political subdivision (local government unit), such as a municipality, school district, or commission;
- Any public authority (including authorities formed under the Municipality Authorities Act of 1955 or other authorizing legislation, such as the Public Transportation Law or the Aviation Code);
- Any tax-exempt, nonprofit educational institution or organization;
- Any tax-exempt, nonprofit public health institution or organization;
- Any nonprofit fire, rescue, or ambulance company; and
- Any other entity that spends public funds for the procurement of supplies, services, and construction (such as a council of governments, an area government, or an organization that receives public grant funds).

2. A state-affiliated entity is a Commonwealth authority or other Commonwealth entity that is not a Commonwealth agency. The term includes:

- The Pennsylvania Turnpike Commission;
- The Pennsylvania Housing Finance Agency;
- The Pennsylvania Municipal Retirement System;
- The Pennsylvania Infrastructure Investment Authority;
- The State Public School Building Authority;
- The Pennsylvania Higher Education Facilities Authority, and
- The State System of Higher Education.

The term does not include any court or other officer or agency of the unified judicial system, the General Assembly and its officers and agencies, any State-related institution, or any Commonwealth executive or independent agencies, boards, or commissions not listed above. Statewide "row" offices, including the Auditor General, Attorney General, and State Treasurer **are not** State-affiliated entities under the Procurement Code.

However, elements of the court system, the General Assembly, and independent agencies, boards, or commissions have been deemed eligible for COSTARS membership as entities that spend public funds for the procurement of supplies, services, and construction.

3. A complete list of local public procurement units and state-affiliated entities that have registered with DGS and that are authorized to procure items from the Contract can be found at:

<http://www.dgsweb.state.pa.us/COSTARSReg/Member.aspx>

B. COSTARS Members have the option to purchase from this Contract, from any DGS contract established exclusively for COSTARS Members in accordance with the requirements of Section 1902, from any other cooperative procurement contracts, or from their own procurement contracts established in accordance with the applicable laws governing such procurements. The Contractor understands and acknowledges that there is no guarantee that a COSTARS Member will place an order under this Contract, and that the decision to procure from this Contract is within the sole discretion of each COSTARS Member.

C. DGS is acting as a facilitator for COSTARS Members who may wish to purchase under this Contract. COSTARS Members that participate in this Contract and issue purchase orders (“POs”) to Contractors are third party beneficiaries who have the right to sue and be sued for breach of this Contract without joining the Commonwealth or DGS as a party. The Commonwealth will not intervene in any action between a Contractor and a COSTARS Member unless substantial interests of the Commonwealth are involved.

D. COSTARS Members electing to participate in this Contract will order items directly from the Contractor and be responsible for payment directly to the Contractor.

E. Those Contractors electing to permit COSTARS Members to procure from this Contract shall pay the Required Administrative Fee applicable to the Contractor’s classification:

Contractor Classification	Required Administrative Fee
Department of General Services Self-Certified Small Business Bidder	\$500
All Other Bidders	\$1,500

1. Each bidder electing to permit COSTARS Members to participate in the Contract must submit the COSTARS Program Election to Participate form with its bid submittal and pay the applicable Administrative Fee upon Contract award in order to sell the awarded items/services to COSTARS Members. If the bidder is a Department of General Services Self-Certified Small Business, a copy of its active Small Business Procurement Initiative (SBPI) certificate must be included with the bid submittal.

2. At the beginning of each Contract year and upon any Contract renewal, the Contractor shall submit a check for the required amount, payable to “Commonwealth of PA”. The Contractor must pay the Administrative Fee at each contract renewal date to continue to sell the awarded items/services to COSTARS Members. If the bidder is a Department of General Services Self-Certified Small Business, a copy of its active SBPI certificate must be included with the Administrative Fee for each contract year and upon each renewal.

F. DGS has registered the COSTARS name and logo (together, the “COSTARS Brand”) as a trademark with the Pennsylvania Department of State. Therefore, the Contractor may use the COSTARS Brand only as permitted under in this Subsection.

1. The Contractor shall pay the Administrative Fee covering its participation in the program, including without limitation any use of the COSTARS Brand, for each year of the Contract period. The fee is payable upon Contract award and prior to the renewal date for each succeeding Contract period.

2. DGS grants the Contractor a nonexclusive license to use the COSTARS Brand, subject to the following conditions:

a. The Contractor agrees not to transfer to any third party, including without limitation any of its subcontractors or suppliers, any privileges it may have to use the COSTARS Brand under this Contract.

b. The Contractor agrees not to use the COSTARS Brand to represent or imply any Commonwealth endorsement or approval of its products or services.

c. The Contractor is permitted to use the COSTARS Brand in broadcast, or Internet media solely in connection with this Contract and any other Contract with the Commonwealth under which it has agreed to make sales to COSTARS Purchasers. The Contractor may use the COSTARS Brand on business cards, brochures, and other print publications so long as the purpose is to identify the Contractor as a COSTARS vendor, and only so long as the required Contract fee is kept current.

d. Should this Contract terminate for any reason, the Contractor agrees promptly to remove the COSTARS Brand from any and all print and electronic media and to refrain from using the COSTARS Brand for any purpose whatsoever from the date of Contract termination forward.

e. The Contractor agrees to defend, indemnify, and hold harmless the Commonwealth of Pennsylvania and DGS from and against all claims, demands, liabilities, obligations, costs, and expenses of any nature whatsoever arising out of or based upon the Contractor’s use of the COSTARS Brand.



f. The Contractor agrees it has no property rights in the use of the COSTARS Brand by virtue of this nonexclusive license. The Contractor expressly waives any claims, including without limitation due process claims that may otherwise be available under the law in the event of any dispute involving these terms of use.

G. The Contractor shall furnish to the DGS COSTARS Program Office a quarterly electronic Contract sales report detailing the previous quarter's Contract purchasing activity, using the form and in the format prescribed by DGS. The Contractor shall submit its completed quarterly report no later than the fifteenth calendar day of the succeeding Contract quarter.

1. The Contractor shall submit the reports via the web-based COSTARS Suppliers' Gateway at [www.dgs.state.pa.us/costars](http://www.dgs.state.pa.us/costars) . If a Contractor does not have access to the Internet, the Contractor shall send the reports, using the form and in the format prescribed by DGS, on compact disc via US Postal Service to the DGS COSTARS Program Office, Bureau of Procurement, 6th Floor Forum Place, 555 Walnut Street, Harrisburg, PA 17101-1914.
2. For each PO received, the Contractor shall include on the report the name and address of each COSTARS-Registered Purchaser that has used the Contract along with the sales date, and dollar volume of sales to the specific Purchaser for the reporting period.
3. DGS may suspend the Contractor's participation in the COSTARS Program for failure to provide the Quarterly Sales Report within the specified time.

H. Additional information regarding the COSTARS Program is available on the DGS COSTARS Website at [www.dgs.state.pa.us/costars](http://www.dgs.state.pa.us/costars)

1. If the Contractor is aware of any qualified entity not currently registered and wishing to participate in the COSTARS Program, please refer the potential purchaser to the DGS COSTARS Website at [www.dgs.state.pa.us/costars](http://www.dgs.state.pa.us/costars) , where it may register by completing the online registration form and receiving DGS confirmation of its registration. To view a list of currently-registered COSTARS member entities, please visit the COSTARS website.
2. Direct all questions concerning the COSTARS Program to:

Department of General Services  
COSTARS Program  
555 Walnut Street, 6th Floor  
Harrisburg, PA 17101  
Telephone: 1-866-768-7827  
E-mail: [GS-PACostars@state.pa.us](mailto:GS-PACostars@state.pa.us)

#### **I.10 IFB-028.1 Participating Addendum with an External Procurement Activity (Dec 6 2006)**

Section 1902 of the *Commonwealth Procurement Code*, 62 Pa.C.S. Section 1902, permits external procurement activities to participate in cooperative purchasing agreements for the procurement of services, supplies or construction.

a. **Definitions.** The following words and phrases have the meanings set forth in this provision:

- 1) *External procurement activity:* The term, as defined in 62 Pa. C. S. Section 1901, means a 'buying organization not located in the Commonwealth [of Pennsylvania] which if located in this Commonwealth would qualify as a public procurement unit [under 62 Pa. C.S. Section 1901]. An agency of the United States is an external procurement activity.'
- 2) *Participating addendum:* A bilateral agreement executed by the Contractor and an external procurement activity that clarifies the operation of the Contract for the external procurement activity concerned. The

terms and conditions in any participating addendum shall affect only the procurements of the purchasing entities under the jurisdiction of the external procurement activity signing the participating addendum.

3) *Public procurement unit:* The term, as defined in 62 Pa. C. S. Section 1901, means a 'local public procurement unit or purchasing agency.'

4) *Purchasing agency:* The term, as defined in 62 Pa. C. S. Section 103, means a 'Commonwealth agency authorized by this part or any other law to enter into contracts for itself or as the agent of another Commonwealth agency.'

b. **General.** A participating addendum shall incorporate the terms and conditions of the Contract resulting from this IFB. The Contractor shall not be required to enter into any participating addendum.

c. **Additional Terms.**

1) A participating addendum may include additional terms that are required by the law governing the external procurement activity.

2) A participating addendum may include new, mutually agreed upon terms that clarify ordering procedures specific to a participating external procurement activity.

3) The construction and effect of any participating addendum shall be governed by and construed in accordance with the laws governing the external procurement activity.

4) If an additional term requested by the external procurement activity will result in an increased cost to the Contractor, the Contractor shall adjust its pricing up or down accordingly.

d. **Prices.**

1) **Price adjustment** For any costs affecting the percent markup that the Contractor will or will not incur or that differ from costs incurred or not incurred in the fulfillment of this Contract, the Contractor shall adjust its pricing up or down accordingly. These costs may include, but not be limited to:

a) State and local taxes;

b) Unemployment and workers compensation fees;

c) E-commerce transaction fees; and

d) Costs associated with additional terms, established pursuant to the Contract.

2) The Contractor's pricing for an external procurement activity shall be firm and fixed for the duration of the initial term of the Contract. After the initial term of the Contract, if the Contract is renewed, the Contractor's pricing may be adjusted up or down based on market conditions only with the mutual agreement of both the Contractor and any external procurement activity.

e. **Usage Reports on External Procurement Activities.**

The Contractor shall furnish to the Contracting Officer an electronic quarterly usage report, preferably in spreadsheet format no later than the fifteenth calendar day of the succeeding calendar quarter. Reports shall be e-mailed to the Contracting Officer for the Contract. Each report shall indicate the name and address of the Contractor, contract number, period covered by the report, the name of the external procurement activity that has used the Contract and the total volume of sales to the external procurement activity for the reporting period.

f. **Electronic Copy of Participating Addendum.** The Contractor, upon request of the Contracting Officer, shall submit **one** electronic copy of the participating addendum to the Contracting Officer within **ten** days after request.

### **I.11 IFB-029.1 Prices (Dec 6 2006)**

The bid submitted by the successful Bidder will be incorporated into any resulting Contract and the Bidder will be required to provide the awarded item(s) at the prices quoted in its Bid.

### **I.12 IFB-030.1 Approved Equal (Nov 2006)**

Whenever an item is defined in this IFB by trade name and catalogue number of a manufacturer or vendor, the term 'or approved equal,' if not inserted therewith shall be implied. Any reference to a particular manufacturer's product either by trade name or by limited description is solely for the purpose of more clearly indicating the minimum standard of quality desired, except where a 'no substitute' is requested. When a 'no substitute' is requested, the Issuing Office will consider Bids for the referenced product only. The term 'or approved equal' is defined as meaning any other make which, in the sole opinion of the Issuing Office, is of such character, quality, and performance equivalence as to meet the standard of quality of products specified for which it is to be used equally as well as that specified. A Bidder quoting on a product other than the referenced product shall: a) furnish complete identification in its Bid of the product it is offering by trade name, brand and/or model number; b) furnish descriptive literature and data with respect to the substitute product it proposes to furnish; and c) indicate any known specification deviations from the referenced product.

### **I.13 IFB-031.1 Alternates (Oct 2013)**

A Bidder who wants to offer an alternate must notify the Issuing Office in writing, at least five (5) days prior to the scheduled Bid opening, that the Bidder intends to offer an alternate in its Bid. An "alternate" is a product that deviates from the requirements of the specifications in its composition, qualities, performance, size dimension, etc. The written notification from the Bidder must include a complete description of the alternate and must identify the product's deviations from the specifications. Upon receipt of the notification, the Issuing Office will determine whether the alternate is acceptable. If the Issuing Office, in its discretion, determines that the alternate is acceptable, the Issuing Office will issue a change notice to the invitation for bids that revises the specifications. If no change notice is issued revising the specification, a Bid offering the alternate will not be considered for award. If an item or items in the IFB are designated "no substitute," this provision does not apply and no alternate may be proposed by a bidder nor will any alternate be considered by the Issuing Office.

### **I.14 IFB-032.1 New Equipment (Nov 2006)**

Unless otherwise specified in this invitation for bids, all products offered by Bidders must be new or remanufactured. A 'new' product is one that will be used first by the Commonwealth after it is manufactured or produced. A 'remanufactured' product is one which: 1) has been rebuilt, using new or used parts, to a condition which meets the original manufacturer's most recent specifications for the item; 2) does not, in the opinion of the Issuing Office, differ in appearance from a new item; and 3) has the same warranty as a new item. Unless otherwise specified in this invitation for bids, used or reconditioned products are not acceptable. This clause shall not be construed to prohibit Bidders from offering products with recycled content, provided the product is new or remanufactured.

### **I.15 I-IFB-033.1 Modification or Withdrawal of Bid (Nov 2006)**

- a. Bid Modification Prior to Bid Opening. Bids may be modified only by written notice or in person prior to the exact hour and date specified for Bid opening.
  - 1) If a Bidder intends to modify its Bid by written notice, the notice must specifically identify the Bid to be modified and must be signed by the Bidder. The Bidder must include evidence of authorization for the individual who signed the modification to modify the Bid on behalf of the Bidder. The Bid modification must be received in a sealed envelope. The sealed envelope must identify the assigned Collective Number and the

Bid Opening Time, and should state that enclosed in the envelope is a Bid modification

- 2) If a Bidder intends to modify its Bid in person, the individual who will modify the Bid must arrive in the Bid Opening Room prior to the Bid Opening Time, show a picture identification and provide evidence of his/her authorization to modify the Bid on behalf of the Bidder. If a Bidder intends to modify its Bid in person, the Bidder may do so only in the presence of an agency employee. (The agency employee will observe the actions taken by the individual to modify the Bid, but will not read the Bid or the modification).
- b. Bid Withdrawal Prior to Bid Opening. Bids may be withdrawn only by written notice or in person prior to the exact hour and date specified for Bid opening.
- 1) If a Bidder intends to withdraw its Bid by written notice, the notice shall specifically identify the Bid to be withdrawn and shall be signed by the Bidder. The Bidder must include evidence of authorization for the individual who signed the bid withdrawal to withdraw the bid on behalf of the Bidder. Except as provided in Subparagraph c, below, bid withdrawals received after the exact hour and date specified for the receipt of Bids shall not be accepted.
  - 2) If a Bidder intends to withdraw its Bid in person, the individual who will withdraw the Bid must arrive in the Bid Opening Room prior to the Bid Opening Time, show a picture identification and provide evidence of his/her authorization to withdraw the Bid on behalf of the Bidder.
- c. Bid Withdrawal After Bid Opening. Bidders are permitted to withdraw erroneous Bids after Bid opening only if the following conditions are met:
- 1) The Bidder submits a written request for withdrawal.
  - 2) The Bidder presents credible evidence with the request that the reason for the lower Bid price was a clerical mistake as opposed to a judgment mistake and was actually due to an unintentional arithmetical error or an unintentional omission of a substantial quantity of work, labor, material, or services made directly in the compilation of the Bid.
  - 3) The request for relief and supporting evidence must be received by the Issuing Office within three (3) business days after Bid opening, but before award of the contract.
  - 4) The Issuing Office shall not permit a Bid withdrawal if the Bid withdrawal would result in the award of the contract on another Bid of the same Bidder, its partner, or a corporation or business venture owned by or in which the bidder has a substantial interest.
  - 5) If a Bidder is permitted to withdraw its Bid, the Bidder cannot supply any material or labor or perform any subcontract or other work agreement for the awarded contractor, without the written approval of the Issuing Office.
- d. Firm Bid. Except as provided above, a Bid may not be modified, withdrawn, or cancelled by any Bidder for a period of sixty (60) days following the time and date designated for Bid opening, unless otherwise specified by the Bidder in its Bid. If the lowest responsible Bidder, as determined by the Issuing Office, withdraws its Bid prior to the expiration of the award period or fails to comply with the requirements set forth in the IFB including but not limited to any requirement to submit performance or payment bonds or insurance certificates within the required time period, the Bidder shall be liable to the Commonwealth for all costs and damages associated with the re-award or re-bid including the difference between the Bidder's price and the actual cost that the Commonwealth pays for the awarded items.
- e. Clarification and Additional Information. After the receipt of Bids, the Issuing Office shall have the right to contact Bidders for the purpose of seeking:
- 1) Clarification of the Bid which confirms the Issuing Office's understanding of statements or information in the Bid or;
  - 2) Additional information on the items offered; provided the IFB does not require the rejection of the Bid for

failure to include such information.

#### **I.16 I-IFB-034.1 Rejection of Bids (Nov 2006)**

The Issuing Office reserves the right to reject any and all Bids, to waive technical defects or any informality in Bids, and to accept or reject any part of any Bid if the best interests of the Commonwealth are thereby served.

#### **I.17 Submission-001.1 Representations and Authorizations (Oct 2013)**

By submitting its proposal, each Offeror understands, represents, and acknowledges that:

- A. All of the Offeror's information and representations in the proposal are material and important, and the Issuing Office may rely upon the contents of the proposal in awarding the contract(s). The Commonwealth shall treat any misstatement, omission or misrepresentation as fraudulent concealment of the true facts relating to the Proposal submission, punishable pursuant to 18 Pa. C.S. § 4904.
- B. The Offeror has arrived at the price(s) and amounts in its proposal independently and without consultation, communication, or agreement with any other Offeror or potential offeror.
- C. The Offeror has not disclosed the price(s), the amount of the proposal, nor the approximate price(s) or amount(s) of its proposal to any other firm or person who is an Offeror or potential offeror for this RFP, and the Offeror shall not disclose any of these items on or before the proposal submission deadline specified in the Calendar of Events of this RFP.
- D. The Offeror has not attempted, nor will it attempt, to induce any firm or person to refrain from submitting a proposal on this contract, or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal or other form of complementary proposal.
- E. The Offeror makes its proposal in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive proposal.
- F. To the best knowledge of the person signing the proposal for the Offeror, the Offeror, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last **four** years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding or proposing on any public contract, except as the Offeror has disclosed in its proposal.
- G. To the best of the knowledge of the person signing the proposal for the Offeror and except as the Offeror has otherwise disclosed in its proposal, the Offeror has no outstanding, delinquent obligations to the Commonwealth including, but not limited to, any state tax liability not being contested on appeal or other obligation of the Offeror that is owed to the Commonwealth.
- H. The Offeror is not currently under suspension or debarment by the Commonwealth, any other state or the federal government, and if the Offeror cannot so certify, then it shall submit along with its proposal a written explanation of why it cannot make such certification.
- I. The Offeror has not made, under separate contract with the Issuing Office, any recommendations to the Issuing Office concerning the need for the services described in its proposal or the specifications for the services described in the proposal.
- J. Each Offeror, by submitting its proposal, authorizes Commonwealth agencies to release to the Commonwealth information concerning the Offeror's Pennsylvania taxes, unemployment compensation and workers' compensation liabilities.
- K. Until the selected Offeror receives a fully executed and approved written contract from the Issuing Office, there is no legal and valid contract, in law or in equity, and the Offeror shall not begin to perform.

## **PART II - REQUIREMENTS**

### **PART II - REQUIREMENTS**

#### **II.1 IFB-006.1b COSTARS Program Election to Participate (July 2012)**

If the bidder is willing to sell the awarded items/services at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to COSTARS members, the bidder should complete and return the COSTARS Program Election to Participate form which is an attachment to this IFB. If the bidder is asserting that it is a Department of General Services Certified Small Business, the bidder must submit its active certification with the bid response.

#### **II.2 II-IFB-008.1b Lobbying Certification and Disclosure – Electronic Submission. (Oct 2006).**

With respect to an award of a federal contract, grant, or cooperative agreement exceeding \$100,000 or an award of a federal loan or a commitment providing for the United States to insure or guarantee a loan exceeding \$150,000 all recipients must certify that they will not use federal funds for lobbying and must disclose the use of non-federal funds for lobbying by filing required documentation. Offerors must complete and return the Lobbying Certification Form and the Disclosure of Lobbying Activities Form, which are attached to and made a part of this IFB. The completed and signed Lobbying Certification Form and the Disclosure of Lobbying Activities Form should be submitted with the Bid Response. Commonwealth agencies will not contract with outside firms or individuals to perform lobbying services, regardless of the source of funds.

#### **II.3 II-IFB-016.1 Post-Submission Descriptive Literature (Dec 2006)**

The Commonwealth may, during its evaluation of the bids, require any bidder to submit cuts, illustrations, drawings, prints, test data sheets, specification sheets and brochures which detail construction features, design, components, materials used, applicable dimensions and any other pertinent information which the Issuing Office may require in order to evaluate the product(s) offered. The required information must be submitted within two (2) business days after notification from the Issuing Office. Failure to submit the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid as non-responsive.

#### **II.4 II-IFB-017.1b Reciprocal Limitations Act – Electronic Submittal (February 2007)**

This procurement is subject to the Reciprocal Limitations Act. Bidders must complete and submit with the Bid Response the State of Manufacture Chart, which is contained in GSPUR-89 ("Reciprocal Limitations Act Requirements") which is attached to and made part of this IFB. The completed State of Manufacture Chart should be submitted as part of the Bid Response

## **PART III - SELECTION CRITERIA**

### **PART III - SELECTION CRITERIA**

#### **III.1 III-IFB-001.1a Mandatory Responsiveness Requirements (Oct 2006)**

To be eligible for selection, a bid must be:

- a. Timely received from a Bidder;
- b. Properly signed by the Bidder.

#### **III.2 III-IFB-006.1f Method of Award - All Bidders (April 2011)**

Award will be made to all responsive and responsible bidders.

#### **III.3 III-IFB-007.1 Awards (May 2011)**

Unless all Bids are rejected, and except as otherwise provided by law, award will be made through the issuance of a contract/purchase order in accordance with the method of award. Unless otherwise specified by the Issuing Office in the IFB form the Commonwealth reserves the right to award by item or on a total Bid basis, whichever is deemed more advantageous to the Commonwealth. In cases of discrepancies in prices, the unit price will be binding unless the unit price is obviously in error and the extended price is obviously correct, in which case the erroneous unit price will be corrected. As a condition for receipt of award of a contract/purchase order, the Bidder must be registered in the Commonwealth of Pennsylvania's Vendor Master file. In order to register, bidders must visit the Pa Supplier Portal at <https://www.pasupplierportal.state.pa.us/> or call the Customer Support Center at 877-435-7363 or 717-346-2676.

#### **III.4 III-IFB-008.1 Tie Bids (Nov 2006)**

All tie bids will be broken by the Issuing Office.

#### **III.5 III-IFB-009.1 Prompt Payment Discounts (Nov 2006)**

Prompt payment discounts will not be considered in making an award. If prompt payment discounts are offered by any Bidder, however, the Issuing Office will take advantage of such offer.

#### **III.6 III-IFB-010.1 Option for Separate Competitive Bidding Procedure (Nov 2006)**

The Commonwealth reserves the right to purchase products or services covered under this Contract through a separate competitive bidding procedure, whenever Commonwealth deems it in the best interest of the Commonwealth. The right will generally be exercised only when a specific need for a large quantity of the product or service exists or when the price offered is significantly lower than the Contract price.

#### **III.7 III-IFB-014.1 Rebates (Nov 2006)**

Any rebate applicable at the time of bid should be taken into consideration by the bidder in calculating its bid price. Bidders must specifically state in their bid proposal, when applicable, that rebates have been considered in arriving at the bid price. Following award, the Commonwealth will assign to the awarded bidder, any rebates which the bidder stated that he took into consideration. If the bidder fails to include such a statement, the Commonwealth will receive the full benefit of the manufacturer's rebate.





**PART IV - WORK STATEMENT**

**PART IV - WORK STATEMENT**

**IV.1 IFB-001.1a Specifications (Nov 2006)**

The Commonwealth is seeking bids to procure the item(s) set forth in the attached document entitled "Specifications."

## **PART V - CONTRACT TERMS and CONDITIONS**

### **PART V - CONTRACT TERMS and CONDITIONS**

#### **V.1 CONTRACT-001.1b Contract Terms and Conditions (Nov 30, 2006)**

The Contract with the awarded bidder (who shall become the "Contractor") shall include the following terms and conditions:

#### **V.2 CONTRACT-002.1a Term of Contract – Contract (May 2012)**

The initial term of the Contract shall be 05 year(s) and 00 month(s).

The term of the Contract shall commence on the Effective Date (as defined below) and shall end on the Expiration Date identified in the Contract, subject to the other provisions of the Contract.

The Effective Date shall be: a) the Effective Date printed on the Contract after the Contract has been fully executed by the Commonwealth (signed and approved as required by the Commonwealth contracting procedures) or b) the "Valid from" date printed on the Contract, whichever is later.

#### **V.3 CONTRACT-002.3 Extension of Contract Term (Nov 30 2006)**

The Commonwealth reserves the right, upon notice to the Contractor, to extend any single term of the Contract for up to three (3) months upon the same terms and conditions.

#### **V.4 CONTRACT-003.1a Signatures – Contract (Oct 2013)**

The Contract shall not be a legally binding contract until the fully-executed Contract has been sent to the Contractor. No Commonwealth employee has the authority to verbally direct the commencement of any work or delivery of any supply under this Contract prior to the Effective Date. The Contractor hereby waives any claim or cause of action for any service or work performed prior to the Effective Date.

The Contract will not include an "ink" signature by the Commonwealth. The electronically-printed name of the Purchasing Agent represents the signature of that individual who has the authority, on behalf of the Commonwealth, to bind the Commonwealth to the terms of the Contract. If the Contract output form does not have "Fully Executed" at the top of the first page and does not have the name of the Purchasing Agent printed in the appropriate box, the Contract has not been fully executed.

The fully-executed Contract may be sent to the Contractor electronically or through facsimile equipment. The electronic transmission of the Contract shall require acknowledgement of receipt of the transmission by the Contractor. Receipt of the electronic or facsimile transmission of the Contract shall constitute receipt of the fully-executed Contract.

The Commonwealth and the Contractor specifically agree as follows:

- a. No handwritten signature shall be required in order for the Contract to be legally enforceable.
- b. The parties agree that no writing shall be required in order to make the Contract legally binding, notwithstanding contrary requirements in any law. The parties hereby agree not to contest the validity or enforceability of a genuine Contract or acknowledgement issued electronically under the provisions of a statute of frauds or any other applicable law relating to whether certain agreements be in writing and signed by the party bound thereby. Any genuine Contract or acknowledgement issued electronically, if introduced as evidence on paper in any judicial, arbitration, mediation, or administrative proceedings, will be admissible as between the parties to the same extent and under the same conditions as other business records originated and maintained in documentary form. Neither party shall contest the admissibility of copies of a genuine Contract or acknowledgements under either the business records exception to the hearsay rule or the best evidence rule on the basis that the Contract or acknowledgement were not in writing or signed by the parties. A Contract or acknowledgment shall be deemed to be genuine for all purposes if it is transmitted to the location designated for

such documents.

c. Each party will immediately take steps to verify any document that appears to be obviously garbled in transmission or improperly formatted to include re-transmission of any such document if necessary.

#### **V.5 CONTRACT-004.1a Definitions (Oct 2013)**

As used in this Contract, these words shall have the following meanings:

a. Agency: The department, board, commission or other agency of the Commonwealth of Pennsylvania listed as the Purchasing Agency. If a COSTARS entity or external procurement activity has issued an order against this contract, that entity shall also be identified as "Agency".

b. Contracting Officer: The person authorized to administer this Contract for the Commonwealth and to make written determinations with respect to the Contract.

c. Days: Unless specifically indicated otherwise, days mean calendar days.

d. Developed Works or Developed Materials: All documents, sketches, drawings, designs, works, papers, files, reports, computer programs, computer documentation, data, records, software, samples or any other tangible material without limitation authored or prepared by Contractor as the work product covered in the scope of work for the Project.

e. Documentation: All materials required to support and convey information about the services required by this Contract. It includes, but is not necessarily restricted to, written reports and analyses, diagrams, maps, logical and physical designs, system designs, computer programs, flow charts, disks, and/or other machine-readable storage media.

f. Services: All Contractor activity necessary to satisfy the Contract.

#### **V.6 CONTRACT-005.1a Purchase Orders (Oct 2013)**

Commonwealth agencies may issue Purchase Orders against the Contract. These orders constitute the Contractor's authority to make delivery. All Purchase Orders received by the Contractor up to and including the expiration date of the Contract are acceptable and must be performed in accordance with the Contract. Each Purchase Order will be deemed to incorporate the terms and conditions set forth in the Contract.

Purchase Orders will not include an "ink" signature by the Agency. The electronically-printed name of the purchaser represents the signature of that individual who has the authority, on behalf of the Commonwealth, to authorize the Contractor to proceed.

Purchase Orders may be issued electronically or through facsimile equipment. The electronic transmission of a purchase order shall require acknowledgement of receipt of the transmission by the Contractor. Receipt of the electronic or facsimile transmission of the Purchase Order shall constitute receipt of an order. Orders received by the Contractor after 4:00 p.m. will be considered received the following business day.

a. No handwritten signature shall be required in order for the Contract or Purchase Order to be legally enforceable.

b. The parties agree that no writing shall be required in order to make the Purchase Order legally binding. The parties hereby agree not to contest the validity or enforceability of a Purchase Order or acknowledgement issued electronically under the provisions of a statute of frauds or any other applicable law relating to whether certain agreements be in writing and signed by the party bound thereby. Any Purchase Order or acknowledgement issued electronically, if introduced as evidence on paper in any judicial, arbitration, mediation, or administrative proceedings, will be admissible as between the parties to the same extent and under the same conditions as other business records originated and maintained in documentary form. Neither party shall contest the admissibility of copies of Purchase Orders or acknowledgements under either the business records exception to the hearsay rule or the best evidence rule on the basis that the Purchase Order or acknowledgement were not in writing or signed by the parties. A Purchase Order or acknowledgment shall be deemed to be genuine for all purposes if it is transmitted to

the location designated for such documents.

c. Each party will immediately take steps to verify any document that appears to be obviously garbled in transmission or improperly formatted to include re-transmission of any such document if necessary.

Purchase Orders under ten thousand dollars (\$10,000) in total amount may also be made in person or by telephone using a Commonwealth Purchasing Card. When an order is placed by telephone, the Commonwealth agency shall provide the agency name, employee name, credit card number, and expiration date of the card. Contractors agree to accept payment through the use of the Commonwealth Purchasing Card.

#### **V.7 CONTRACT-006.1 Independent Prime Contractor (Oct 2006)**

In performing its obligations under the Contract, the Contractor will act as an independent contractor and not as an employee or agent of the Commonwealth. The Contractor will be responsible for all services in this Contract whether or not Contractor provides them directly. Further, the Contractor is the sole point of contact with regard to all contractual matters, including payment of any and all charges resulting from the Contract.

#### **V.8 CONTRACT-007.01a Supplies Delivery (Nov 30 2006)**

All item(s) shall be delivered F.O.B. Destination. The Contractor agrees to bear the risk of loss, injury, or destruction of the item(s) ordered prior to receipt of the items by the Commonwealth. Such loss, injury, or destruction shall not release the Contractor from any contractual obligations. Except as otherwise provided in this contract, all item(s) must be delivered within the time period specified. Time is of the essence and, in addition to any other remedies, the Contract is subject to termination for failure to deliver as specified. Unless otherwise stated in this Contract, delivery must be made within thirty (30) days after the Effective Date.

#### **V.9 CONTRACT-007.02 Estimated Quantities (Nov 30 2006)**

It shall be understood and agreed that any quantities listed in the Contract are estimated only and may be increased or decreased in accordance with the actual requirements of the Commonwealth and that the Commonwealth in accepting any bid or portion thereof, contracts only and agrees to purchase only the materials and services in such quantities as represent the actual requirements of the Commonwealth. The Commonwealth reserves the right to purchase materials and services covered under the Contract through a separate competitive procurement procedure, whenever Commonwealth deems it to be in its best interest.

#### **V.10 CONTRACT-008.1a Warranty. (Oct 2006)**

The Contractor warrants that all items furnished and all services performed by the Contractor, its agents and subcontractors shall be free and clear of any defects in workmanship or materials. Unless otherwise stated in the Contract, all items are warranted for a period of one year following delivery by the Contractor and acceptance by the Commonwealth. The Contractor shall repair, replace or otherwise correct any problem with the delivered item. When an item is replaced, it shall be replaced with an item of equivalent or superior quality without any additional cost to the Commonwealth.

#### **V.11 CONTRACT-009.1c Patent, Copyright, and Trademark Indemnity (Oct 2013)**

The Contractor warrants that it is the sole owner or author of, or has entered into a suitable legal agreement concerning either: a) the design of any product or process provided or used in the performance of the Contract which is covered by a patent, copyright, or trademark registration or other right duly authorized by state or federal law or b) any copyrighted matter in any report, document or other material provided to the Commonwealth under the contract.

The Contractor shall defend any suit or proceeding brought against the Commonwealth on account of any alleged patent, copyright or trademark infringement in the United States of any of the products provided or used in the

performance of the Contract.

This is upon condition that the Commonwealth shall provide prompt notification in writing of such suit or proceeding; full right, authorization and opportunity to conduct the defense thereof; and full information and all reasonable cooperation for the defense of same.

As principles of governmental or public law are involved, the Commonwealth may participate in or choose to conduct, in its sole discretion, the defense of any such action.

If information and assistance are furnished by the Commonwealth at the Contractor's written request, it shall be at the Contractor's expense, but the responsibility for such expense shall be only that within the Contractor's written authorization.

The Contractor shall indemnify and hold the Commonwealth harmless from all damages, costs, and expenses, including attorney's fees that the Contractor or the Commonwealth may pay or incur by reason of any infringement or violation of the rights occurring to any holder of copyright, trademark, or patent interests and rights in any products provided or used in the performance of the Contract.

If any of the products provided by the Contractor in such suit or proceeding are held to constitute infringement and the use is enjoined, the Contractor shall, at its own expense and at its option, either procure the right to continue use of such infringement products, replace them with non-infringement equal performance products or modify them so that they are no longer infringing.

If the Contractor is unable to do any of the preceding, the Contractor agrees to remove all the equipment or software which are obtained contemporaneously with the infringing product, or, at the option of the Commonwealth, only those items of equipment or software which are held to be infringing, and to pay the Commonwealth: 1) any amounts paid by the Commonwealth towards the purchase of the product, less straight line depreciation; 2) any license fee paid by the Commonwealth for the use of any software, less an amount for the period of usage; and 3) the pro rata portion of any maintenance fee representing the time remaining in any period of maintenance paid for. The obligations of the Contractor under this paragraph continue without time limit. No costs or expenses shall be incurred for the account of the Contractor without its written consent.

#### **V.12 CONTRACT-009.1d Ownership Rights (Oct 2006)**

The Commonwealth shall have unrestricted authority to reproduce, distribute, and use any submitted report, data, or material, and any software or modifications and any associated documentation that is designed or developed and delivered to the Commonwealth as part of the performance of the Contract.

#### **V.13 CONTRACT-010.1a Acceptance (Oct 2006)**

No item(s) received by the Commonwealth shall be deemed accepted until the Commonwealth has had a reasonable opportunity to inspect the item(s). Any item(s) which is discovered to be defective or fails to conform to the specifications may be rejected upon initial inspection or at any later time if the defects contained in the item(s) or the noncompliance with the specifications were not reasonably ascertainable upon the initial inspection. It shall thereupon become the duty of the Contractor to remove rejected item(s) from the premises without expense to the Commonwealth within fifteen (15) days after notification. Rejected item(s) left longer than fifteen (15) days will be regarded as abandoned, and the Commonwealth shall have the right to dispose of them as its own property and shall retain that portion of the proceeds of any sale which represents the Commonwealth's costs and expenses in regard to the storage and sale of the item(s). Upon notice of rejection, the Contractor shall immediately replace all such rejected item(s) with others conforming to the specifications and which are not defective. If the Contractor fails, neglects or refuses to do so, the Commonwealth shall then have the right to procure a corresponding quantity of such item(s), and deduct from any monies due or that may thereafter become due to the Contractor, the difference between the price stated in the Contract and the cost thereof to the Commonwealth.

#### **V.14 CONTRACT-010.2 Product Conformance (March 2012)**

The Commonwealth reserves the right to require any and all Contractors to:

1. Provide certified data from laboratory testing performed by the Contractor, or performed by an independent laboratory, as specified by the Commonwealth.
2. Supply published manufacturer product documentation.
3. Permit a Commonwealth representative to witness testing at the Contractor's location or at an independent laboratory.
4. Complete a survey/questionnaire relating to the bid requirements and specifications.
5. Provide customer references.
6. Provide a product demonstration at a location near Harrisburg or the using agency location.

#### **V.15 CONTRACT-010.3 Rejected Material Not Considered Abandoned (March 2012)**

The Commonwealth shall have the right to not regard any rejected material as abandoned and to demand that the Contractor remove the rejected material from the premises within thirty (30) days of notification. The Contractor shall be responsible for removal of the rejected material as well as proper clean-up. If the Contractor fails or refuses to remove the rejected material as demanded by the Commonwealth, the Commonwealth may seek payment from, or set-off from any payments due to the Contractor under this or any other Contract with the Commonwealth, the costs of removal and clean-up. This is in addition to all other rights to recover costs incurred by the Commonwealth.

#### **V.16 CONTRACT-011.1a Compliance With Law (Oct 2006)**

The Contractor shall comply with all applicable federal and state laws and regulations and local ordinances in the performance of the Contract.

#### **V.17 CONTRACT-013.1 Environmental Provisions (Oct 2006)**

In the performance of the Contract, the Contractor shall minimize pollution and shall strictly comply with all applicable environmental laws and regulations, including, but not limited to: the Clean Streams Law Act of June 22, 1937 (P.L. 1987, No. 394), as amended 35 P.S. Section 691.601 et seq.; the Pennsylvania Solid Waste Management Act, Act of July 7, 1980 (P.L. 380, No. 97), as amended, 35 P.S. Section 6018.101 et seq. ; and the Dam Safety and Encroachment Act, Act of November 26, 1978 (P.L. 1375, No. 325), as amended , 32 P.S. Section 693.1.

#### **V.18 CONTRACT-014.1 Post-Consumer Recycled Content (Oct 2013)**

Except as specifically waived by the Department of General Services in writing, any products which are provided to the Commonwealth as a part of the performance of the Contract must meet the minimum percentage levels for total recycled content as specified by the Environmental Protection Agency in its Comprehensive Procurement Guidelines, which can be found at <http://www.epa.gov/epawaste/consolve/tools/cpg/index.htm> .

#### **V.19 CONTRACT-014.3 Recycled Content Enforcement (February 2012)**

The Contractor may be required, after delivery of the Contract item(s), to provide the Commonwealth with documentary evidence that the item(s) was in fact produced with the required minimum percentage of post-consumer and recovered material content.

## **V.20 CONTRACT-015.1 Compensation (Oct 2006)**

The Contractor shall be required to furnish the awarded item(s) at the price(s) quoted in the Purchase Order. All item(s) shall be delivered within the time period(s) specified in the Purchase Order. The Contractor shall be compensated only for item(s) that are delivered and accepted by the Commonwealth.

## **V.21 CONTRACT-015.2 Billing Requirements (February 2012)**

Unless the Contractor has been authorized by the Commonwealth for Evaluated Receipt Settlement or Vendor Self-Invoicing, the Contractor shall include in all of its invoices the following minimum information:

- Vendor name and "Remit to" address, including SAP Vendor number;
- Bank routing information, if ACH;
- SAP Purchase Order number;
- Delivery Address, including name of Commonwealth agency;
- Description of the supplies/services delivered in accordance with SAP Purchase Order (include purchase order line number if possible);
- Quantity provided;
- Unit price;
- Price extension;
- Total price; and
- Delivery date of supplies or services.

If an invoice does not contain the minimum information set forth in this paragraph, the Commonwealth may return the invoice as improper. If the Commonwealth returns an invoice as improper, the time for processing a payment will be suspended until the Commonwealth receives a correct invoice. The Contractor may not receive payment until the Commonwealth has received a correct invoice.

Contractors are required to establish separate billing accounts with each using agency and invoice them directly. Each invoice shall be itemized with adequate detail and match the line item on the Purchase Order. In no instance shall any payment be made for services to the Contractor that are not in accordance with the prices on the Purchase Order, the Contract, updated price lists or any discounts negotiated by the purchasing agency.

## **V.22 CONTRACT-016.1 Payment (Oct 2006)**

- a. The Commonwealth shall put forth reasonable efforts to make payment by the required payment date. The required payment date is: (a) the date on which payment is due under the terms of the Contract; (b) thirty (30) days after a proper invoice actually is received at the "Bill To" address if a date on which payment is due is not specified in the Contract (a "proper" invoice is not received until the Commonwealth accepts the service as satisfactorily performed); or (c) the payment date specified on the invoice if later than the dates established by (a) and (b) above. Payment may be delayed if the payment amount on an invoice is not based upon the price(s) as stated in the Contract. If any payment is not made within fifteen (15) days after the required payment date, the Commonwealth may pay interest as determined by the Secretary of Budget in accordance with Act No. 266 of 1982 and regulations promulgated pursuant thereto. Payment should not be construed by the Contractor as acceptance of the service performed by the Contractor. The Commonwealth reserves the right to conduct further testing and inspection after payment, but within a reasonable time after performance, and to reject the service if such post payment testing or inspection discloses a defect or a failure to meet specifications. The Contractor agrees that the Commonwealth may set off the amount of any state tax liability or other obligation of the Contractor or its subsidiaries to the Commonwealth against any payments due the Contractor under any contract with the Commonwealth.
- b. The Commonwealth shall have the option of using the Commonwealth purchasing card to make purchases under the Contract or Purchase Order. The Commonwealth's purchasing card is similar to a credit card in that there will be a small fee which the Contractor will be required to pay and the Contractor will receive payment directly from

the card issuer rather than the Commonwealth. Any and all fees related to this type of payment are the responsibility of the Contractor. In no case will the Commonwealth allow increases in prices to offset credit card fees paid by the Contractor or any other charges incurred by the Contractor, unless specifically stated in the terms of the Contract or Purchase Order.

#### **V.23 CONTRACT-016.2 ACH Payments (Aug 2007)**

- a. The Commonwealth will make contract payments through the Automated Clearing House (ACH). Within 10 days of award of the contract or purchase order, the contractor must submit or must have already submitted their ACH information within their user profile in the Commonwealth's procurement system (SRM).
- b. The contractor must submit a unique invoice number with each invoice submitted. The unique invoice number will be listed on the Commonwealth of Pennsylvania's ACH remittance advice to enable the contractor to properly apply the state agency's payment to the invoice submitted.
- c. It is the responsibility of the contractor to ensure that the ACH information contained in SRM is accurate and complete. Failure to maintain accurate and complete information may result in delays in payments.

#### **V.24 CONTRACT-017.1 Taxes (Dec 5 2006)**

The Commonwealth is exempt from all excise taxes imposed by the Internal Revenue Service and has accordingly registered with the Internal Revenue Service to make tax free purchases under Registration No. 23-23740001-K. With the exception of purchases of the following items, no exemption certificates are required and none will be issued: undyed diesel fuel, tires, trucks, gas guzzler emergency vehicles, and sports fishing equipment. The Commonwealth is also exempt from Pennsylvania state sales tax, local sales tax, public transportation assistance taxes and fees and vehicle rental tax. The Department of Revenue regulations provide that exemption certificates are not required for sales made to governmental entities and none will be issued. Nothing in this paragraph is meant to exempt a construction contractor from the payment of any of these taxes or fees which are required to be paid with respect to the purchase, use, rental, or lease of tangible personal property or taxable services used or transferred in connection with the performance of a construction contract.

#### **V.25 CONTRACT-018.1 Assignment of Antitrust Claims (Oct 2006)**

The Contractor and the Commonwealth recognize that in actual economic practice, overcharges by the Contractor's suppliers resulting from violations of state or federal antitrust laws are in fact borne by the Commonwealth. As part of the consideration for the award of the Contract, and intending to be legally bound, the Contractor assigns to the Commonwealth all right, title and interest in and to any claims the Contractor now has, or may acquire, under state or federal antitrust laws relating to the products and services which are the subject of this Contract.

#### **V.26 CONTRACT-019.1 Hold Harmless Provision (Nov 30 2006)**

- a. The Contractor shall hold the Commonwealth harmless from and indemnify the Commonwealth against any and all third party claims, demands and actions based upon or arising out of any activities performed by the Contractor and its employees and agents under this Contract, provided the Commonwealth gives Contractor prompt notice of any such claim of which it learns. Pursuant to the Commonwealth Attorneys Act (71 P.S. Section 732-101, *et seq.*), the Office of Attorney General (OAG) has the sole authority to represent the Commonwealth in actions brought against the Commonwealth. The OAG may, however, in its sole discretion and under such terms as it deems appropriate, delegate its right of defense. If OAG delegates the defense to the Contractor, the Commonwealth will cooperate with all reasonable requests of Contractor made in the defense of such suits.
- b. Notwithstanding the above, neither party shall enter into any settlement without the other party's written consent, which shall not be unreasonably withheld. The Commonwealth may, in its sole discretion, allow the Contractor to control the defense and any related settlement negotiations.



#### **V.27 CONTRACT-020.1 Audit Provisions (Oct 2006)**

The Commonwealth shall have the right, at reasonable times and at a site designated by the Commonwealth, to audit the books, documents and records of the Contractor to the extent that the books, documents and records relate to costs or pricing data for the Contract. The Contractor agrees to maintain records which will support the prices charged and costs incurred for the Contract. The Contractor shall preserve books, documents, and records that relate to costs or pricing data for the Contract for a period of three (3) years from date of final payment. The Contractor shall give full and free access to all records to the Commonwealth and/or their authorized representatives.

#### **V.28 CONTRACT-021.1 Default (Oct 2013)**

a. The Commonwealth may, subject to the Force Majeure provisions of this Contract, and in addition to its other rights under the Contract, declare the Contractor in default by written notice thereof to the Contractor, and terminate (as provided in the Termination Provisions of this Contract) the whole or any part of this Contract or any Purchase Order for any of the following reasons:

- 1) Failure to begin work within the time specified in the Contract or Purchase Order or as otherwise specified;
- 2) Failure to perform the work with sufficient labor, equipment, or material to ensure the completion of the specified work in accordance with the Contract or Purchase Order terms;
- 3) Unsatisfactory performance of the work;
- 4) Failure to deliver the awarded item(s) within the time specified in the Contract or Purchase Order or as otherwise specified;
- 5) Improper delivery;
- 6) Failure to provide an item(s) which is in conformance with the specifications referenced in the Contract or Purchase Order;
- 7) Delivery of a defective item;
- 8) Failure or refusal to remove material, or remove and replace any work rejected as defective or unsatisfactory;
- 9) Discontinuance of work without approval;
- 10) Failure to resume work, which has been discontinued, within a reasonable time after notice to do so;
- 11) Insolvency or bankruptcy;
- 12) Assignment made for the benefit of creditors;
- 13) Failure or refusal within 10 days after written notice by the Contracting Officer, to make payment or show cause why payment should not be made, of any amounts due for materials furnished, labor supplied or performed, for equipment rentals, or for utility services rendered;
- 14) Failure to protect, to repair, or to make good any damage or injury to property;
- 15) Breach of any provision of the Contract;
- 16) Failure to comply with representations made in the Contractor's bid/proposal; or
- 17) Failure to comply with applicable industry standards, customs, and practice.

b. In the event that the Commonwealth terminates this Contract or any Purchase Order in whole or in part as provided in Subparagraph a. above, the Commonwealth may procure, upon such terms and in such manner as it determines, items similar or identical to those so terminated, and the Contractor shall be liable to the Commonwealth for any reasonable excess costs for such similar or identical items included within the terminated part of the Contract or Purchase Order.

c. If the Contract or a Purchase Order is terminated as provided in Subparagraph a. above, the Commonwealth, in addition to any other rights provided in this paragraph, may require the Contractor to transfer title and deliver immediately to the Commonwealth in the manner and to the extent directed by the Contracting Officer, such partially completed items, including, where applicable, reports, working papers and other documentation, as the Contractor has specifically produced or specifically acquired for the performance of such part of the Contract or Purchase Order as has been terminated. Except as provided below, payment for completed work accepted by the Commonwealth shall be at the Contract price. Except as provided below, payment for partially completed items including, where applicable, reports and working papers, delivered to and accepted by the Commonwealth shall be in an amount agreed upon by the Contractor and Contracting Officer. The Commonwealth may withhold from amounts otherwise due the Contractor for such completed or partially completed works, such sum as the Contracting Officer determines to be necessary to protect the Commonwealth against loss.

d. The rights and remedies of the Commonwealth provided in this paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

e. The Commonwealth's failure to exercise any rights or remedies provided in this paragraph shall not be construed to be a waiver by the Commonwealth of its rights and remedies in regard to the event of default or any succeeding event of default.

f. Following exhaustion of the Contractor's administrative remedies as set forth in the Contract Controversies Provision of the Contract, the Contractor's exclusive remedy shall be to seek damages in the Board of Claims.

#### **V.29 CONTRACT-022.1 Force Majeure (Oct 2006)**

Neither party will incur any liability to the other if its performance of any obligation under this Contract is prevented or delayed by causes beyond its control and without the fault or negligence of either party. Causes beyond a party's control may include, but aren't limited to, acts of God or war, changes in controlling law, regulations, orders or the requirements of any governmental entity, severe weather conditions, civil disorders, natural disasters, fire, epidemics and quarantines, general strikes throughout the trade, and freight embargoes.

The Contractor shall notify the Commonwealth orally within five (5) days and in writing within ten (10) days of the date on which the Contractor becomes aware, or should have reasonably become aware, that such cause would prevent or delay its performance. Such notification shall (i) describe fully such cause(s) and its effect on performance, (ii) state whether performance under the contract is prevented or delayed and (iii) if performance is delayed, state a reasonable estimate of the duration of the delay. The Contractor shall have the burden of proving that such cause(s) delayed or prevented its performance despite its diligent efforts to perform and shall produce such supporting documentation as the Commonwealth may reasonably request. After receipt of such notification, the Commonwealth may elect to cancel the Contract, cancel the Purchase Order, or to extend the time for performance as reasonably necessary to compensate for the Contractor's delay.

In the event of a declared emergency by competent governmental authorities, the Commonwealth by notice to the Contractor, may suspend all or a portion of the Contract or Purchase Order.

#### **V.30 CONTRACT-023.1a Termination Provisions (Oct 2013)**

The Commonwealth has the right to terminate this Contract or any Purchase Order for any of the following reasons. Termination shall be effective upon written notice to the Contractor.

a. **TERMINATION FOR CONVENIENCE:** The Commonwealth shall have the right to terminate the Contract or a Purchase Order for its convenience if the Commonwealth determines termination to be in its best interest. The Contractor shall be paid for work satisfactorily completed prior to the effective date of the termination, but in no

event shall the Contractor be entitled to recover loss of profits.

b. **NON-APPROPRIATION:** The Commonwealth's obligation to make payments during any Commonwealth fiscal year succeeding the current fiscal year shall be subject to availability and appropriation of funds. When funds (state and/or federal) are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal year period, the Commonwealth shall have the right to terminate the Contract or a Purchase Order. The Contractor shall be reimbursed for the reasonable value of any nonrecurring costs incurred but not amortized in the price of the supplies or services delivered under the Contract. Such reimbursement shall not include loss of profit, loss of use of money, or administrative or overhead costs. The reimbursement amount may be paid from any appropriations available for that purpose.

c. **TERMINATION FOR CAUSE:** The Commonwealth shall have the right to terminate the Contract or a Purchase Order for Contractor default under the Default Clause upon written notice to the Contractor. The Commonwealth shall also have the right, upon written notice to the Contractor, to terminate the Contract or a Purchase Order for other cause as specified in the Contract or by law. If it is later determined that the Commonwealth erred in terminating the Contract or a Purchase Order for cause, then, at the Commonwealth's discretion, the Contract or Purchase Order shall be deemed to have been terminated for convenience under the Subparagraph a.

### **V.31 CONTRACT-024.1 Contract Controversies (Oct 2011)**

a. In the event of a controversy or claim arising from the Contract, the Contractor must, within six months after the cause of action accrues, file a written claim with the contracting officer for a determination. The claim shall state all grounds upon which the Contractor asserts a controversy exists. If the Contractor fails to file a claim or files an untimely claim, the Contractor is deemed to have waived its right to assert a claim in any forum. At the time the claim is filed, or within sixty (60) days thereafter, either party may request mediation through the Commonwealth Office of General Counsel Dispute Resolution Program.

b. If the Contractor or the contracting officer requests mediation and the other party agrees, the contracting officer shall promptly make arrangements for mediation. Mediation shall be scheduled so as to not delay the issuance of the final determination beyond the required 120 days after receipt of the claim if mediation is unsuccessful. If mediation is not agreed to or if resolution is not reached through mediation, the contracting officer shall review timely-filed claims and issue a final determination, in writing, regarding the claim. The final determination shall be issued within 120 days of the receipt of the claim, unless extended by consent of the contracting officer and the Contractor. The contracting officer shall send his/her written determination to the Contractor. If the contracting officer fails to issue a final determination within the 120 days (unless extended by consent of the parties), the claim shall be deemed denied. The contracting officer's determination shall be the final order of the purchasing agency.

c. Within fifteen (15) days of the mailing date of the determination denying a claim or within 135 days of filing a claim if, no extension is agreed to by the parties, whichever occurs first, the Contractor may file a statement of claim with the Commonwealth Board of Claims. Pending a final judicial resolution of a controversy or claim, the Contractor shall proceed diligently with the performance of the Contract in a manner consistent with the determination of the contracting officer and the Commonwealth shall compensate the Contractor pursuant to the terms of the Contract.

### **V.32 CONTRACT-025.1 Assignability and Subcontracting (Oct 2013)**

a. Subject to the terms and conditions of this paragraph, this Contract shall be binding upon the parties and their respective successors and assigns.

b. The Contractor shall not subcontract with any person or entity to perform all or any part of the work to be performed under this Contract without the prior written consent of the Contracting Officer, which consent may be withheld at the sole and absolute discretion of the Contracting Officer.

c. The Contractor may not assign, in whole or in part, this Contract or its rights, duties, obligations, or

responsibilities hereunder without the prior written consent of the Contracting Officer, which consent may be withheld at the sole and absolute discretion of the Contracting Officer.

d. Notwithstanding the foregoing, the Contractor may, without the consent of the Contracting Officer, assign its rights to payment to be received under the Contract, provided that the Contractor provides written notice of such assignment to the Contracting Officer together with a written acknowledgement from the assignee that any such payments are subject to all of the terms and conditions of this Contract.

e. For the purposes of this Contract, the term "assign" shall include, but shall not be limited to, the sale, gift, assignment, pledge, or other transfer of any ownership interest in the Contractor provided, however, that the term shall not apply to the sale or other transfer of stock of a publicly traded company.

f. Any assignment consented to by the Contracting Officer shall be evidenced by a written assignment agreement executed by the Contractor and its assignee in which the assignee agrees to be legally bound by all of the terms and conditions of the Contract and to assume the duties, obligations, and responsibilities being assigned.

g. A change of name by the Contractor, following which the Contractor's federal identification number remains unchanged, shall not be considered to be an assignment hereunder. The Contractor shall give the Contracting Officer written notice of any such change of name.

### **V.33 CONTRACT-026.1 Other Contractors (Oct 2006)**

The Commonwealth may undertake or award other contracts for additional or related work, and the Contractor shall fully cooperate with other contractors and Commonwealth employees, and coordinate its work with such additional work as may be required. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by Commonwealth employees. This paragraph shall be included in the Contracts of all contractors with which this Contractor will be required to cooperate. The Commonwealth shall equitably enforce this paragraph as to all contractors to prevent the imposition of unreasonable burdens on any contractor.

### **V.34 CONTRACT-027.1 Nondiscrimination/Sexual Harassment Clause (July 2012)**

The Contractor agrees:

1. In the hiring of any employee(s) for the manufacture of supplies, performance of work, or any other activity required under the contract or any subcontract, the Contractor, each subcontractor, or any person acting on behalf of the Contractor or subcontractor shall not, by reason of gender, race, creed, or color, discriminate against any citizen of this Commonwealth who is qualified and available to perform the work to which the employment relates.

2. Neither the Contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate against or intimidate any employee involved in the manufacture of supplies, the performance of work, or any other activity required under the contract on account of gender, race, creed, or color.

3. The Contractor and each subcontractor shall establish and maintain a written sexual harassment policy and shall inform their employees of the policy. The policy must contain a notice that sexual harassment will not be tolerated and employees who practice it will be disciplined.

4. The Contractor and each subcontractor shall not discriminate by reason of gender, race, creed, or color against any subcontractor or supplier who is qualified to perform the work to which the contract relates.

5. The Contractor and each subcontractor shall, within the time periods requested by the Commonwealth, furnish all necessary employment documents and records and permit access to their books, records, and accounts by the contracting agency and the Bureau of Small Business Opportunities (BSBO), for purpose of ascertaining compliance with provisions of this Nondiscrimination/Sexual Harassment Clause. Within fifteen (15) days after award of any contract, the Contractor shall be required to complete, sign and submit Form STD-21, the "Initial Contract Compliance Data" form. If the contract is a construction contract, then the Contractor shall be required to complete, sign and submit Form STD-28, the "Monthly Contract Compliance Report for Construction Contractors",

each month no later than the 15th of the month following the reporting period beginning with the initial job conference and continuing through the completion of the project. Those contractors who have fewer than five employees or whose employees are all from the same family or who have completed the Form STD-21 within the past 12 months may, within the 15 days, request an exemption from the Form STD-21 submission requirement from the contracting agency.

6. The Contractor shall include the provisions of this Nondiscrimination/Sexual Harassment Clause in every subcontract so that those provisions applicable to subcontractors will be binding upon each subcontractor.

7. The Commonwealth may cancel or terminate the contract and all money due or to become due under the contract may be forfeited for a violation of the terms and conditions of this Nondiscrimination/Sexual Harassment Clause. In addition, the agency may proceed with debarment or suspension and may place the Contractor in the Contractor Responsibility File.

### **V.35 CONTRACT-028.1 Contractor Integrity Provisions (Oct 2013)**

It is essential that those who seek to contract with the Commonwealth of Pennsylvania (“Commonwealth”) observe high standards of honesty and integrity. They must conduct themselves in a manner that fosters public confidence in the integrity of the Commonwealth procurement process.

In furtherance of this policy, Contractor agrees to the following:

1. Contractor shall maintain the highest standards of honesty and integrity during the performance of this contract and shall take no action in violation of state or federal laws or regulations or any other applicable laws or regulations, or other requirements applicable to Contractor or that govern contracting with the Commonwealth.

2. Contractor shall establish and implement a written business integrity policy, which includes, at a minimum, the requirements of these provisions as they relate to Contractor employee activity with the Commonwealth and Commonwealth employees, and which is distributed and made known to all Contractor employees.

3. Contractor, its affiliates, agents and employees shall not influence, or attempt to influence, any Commonwealth employee to breach the standards of ethical conduct for Commonwealth employees set forth in the *Public Official and Employees Ethics Act, 65 Pa.C.S. §§1101 et seq.*; the *State Adverse Interest Act, 71 P.S. §776.1 et seq.*; and the *Governor’s Code of Conduct, Executive Order 1980-18, 4 Pa. Code §7.151 et seq.*, or to breach any other state or federal law or regulation.

4. Contractor, its affiliates, agents and employees shall not offer, give, or agree or promise to give any gratuity to a Commonwealth official or employee or to any other person at the direction or request of any Commonwealth official or employee.

5. Contractor, its affiliates, agents and employees shall not offer, give, or agree or promise to give any gratuity to a Commonwealth official or employee or to any other person, the acceptance of which would violate the *Governor’s Code of Conduct, Executive Order 1980-18, 4 Pa. Code §7.151 et seq.* or any statute, regulation, statement of policy, management directive or any other published standard of the Commonwealth.

6. Contractor, its affiliates, agents and employees shall not, directly or indirectly, offer, confer, or agree to confer any pecuniary benefit on anyone as consideration for the decision, opinion, recommendation, vote, other exercise of discretion, or violation of a known legal duty by any Commonwealth official or employee.

7. Contractor, its affiliates, agents, employees, or anyone in privity with him or her shall not accept or agree to accept from any person, any gratuity in connection with the performance of work under the contract, except as provided in the contract.

8. Contractor shall not have a financial interest in any other contractor, subcontractor, or supplier providing services, labor, or material on this project, unless the financial interest is disclosed to the Commonwealth in writing and the Commonwealth consents to Contractor’s financial interest prior to Commonwealth execution of the contract. Contractor shall disclose the financial interest to the Commonwealth at the time of bid or proposal submission, or if no bids or proposals are solicited, no later than Contractor’s submission of the contract signed by Contractor.

**9.** Contractor, its affiliates, agents and employees shall not disclose to others any information, documents, reports, data, or records provided to, or prepared by, Contractor under this contract without the prior written approval of the Commonwealth, except as required by the *Pennsylvania Right-to-Know Law*, 65 P.S. §§ 67.101-3104, or other applicable law or as otherwise provided in this contract. Any information, documents, reports, data, or records secured by Contractor from the Commonwealth or a third party in connection with the performance of this contract shall be kept confidential unless disclosure of such information is:

- a.** Approved in writing by the Commonwealth prior to its disclosure; or
- b.** Directed by a court or other tribunal of competent jurisdiction unless the contract requires prior Commonwealth approval; or
- c.** Required for compliance with federal or state securities laws or the requirements of national securities exchanges; or
- d.** Necessary for purposes of Contractor's internal assessment and review; or
- e.** Deemed necessary by Contractor in any action to enforce the provisions of this contract or to defend or prosecute claims by or against parties other than the Commonwealth; or
- f.** Permitted by the valid authorization of a third party to whom the information, documents, reports, data, or records pertain; or
- g.** Otherwise required by law.

**10.** Contractor certifies that neither it nor any of its officers, directors, associates, partners, limited partners or individual owners has been officially notified of, charged with, or convicted of any of the following and agrees to immediately notify the Commonwealth agency contracting officer in writing if and when it or any officer, director, associate, partner, limited partner or individual owner has been officially notified of, charged with, convicted of, or officially notified of a governmental determination of any of the following:

- a.** Commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property.
- b.** Commission of fraud or a criminal offense or other improper conduct or knowledge of, approval of or acquiescence in such activities by Contractor or any affiliate, officer, director, associate, partner, limited partner, individual owner, or employee or other individual or entity associated with:
  - (1)** obtaining;
  - (2)** attempting to obtain; or
  - (3)** performing a public contract or subcontract.

Contractor's acceptance of the benefits derived from the conduct shall be deemed evidence of such knowledge, approval or acquiescence.

- c.** Violation of federal or state antitrust statutes.
- d.** Violation of any federal or state law regulating campaign contributions.
- e.** Violation of any federal or state environmental law.
- f.** Violation of any federal or state law regulating hours of labor, minimum wage standards or prevailing wage standards; discrimination in wages; or child labor violations.
- g.** Violation of the *Act of June 2, 1915 (P.L.736, No. 338)*, known as the *Workers' Compensation Act*, 77 P.S. 1 *et seq.*
- h.** Violation of any federal or state law prohibiting discrimination in employment.

- i. Debarment by any agency or department of the federal government or by any other state.
- j. Any other crime involving moral turpitude or business honesty or integrity.

Contractor acknowledges that the Commonwealth may, in its sole discretion, terminate the contract for cause upon such notification or when the Commonwealth otherwise learns that Contractor has been officially notified, charged, or convicted.

**11.** If this contract was awarded to Contractor on a non-bid basis, Contractor must, (as required by *Section 1641* of the *Pennsylvania Election Code*) file a report of political contributions with the Secretary of the Commonwealth on or before February 15 of the next calendar year. The report must include an itemized list of all political contributions known to Contractor by virtue of the knowledge possessed by every officer, director, associate, partner, limited partner, or individual owner that has been made by:

- a. Any officer, director, associate, partner, limited partner, individual owner or members of the immediate family when the contributions exceed an aggregate of one thousand dollars (\$1,000) by any individual during the preceding year; or
- b. Any employee or members of his immediate family whose political contribution exceeded one thousand dollars (\$1,000) during the preceding year.

**12.** Contractor shall comply with requirements of the *Lobbying Disclosure Act, 65 Pa.C.S. § 13A01 et seq.*, and the regulations promulgated pursuant to that law. Contractor employee activities prior to or outside of formal Commonwealth procurement communication protocol are considered lobbying and subjects the Contractor employees to the registration and reporting requirements of the law. Actions by outside lobbyists on Contractor's behalf, no matter the procurement stage, are not exempt and must be reported.

**13.** When Contractor has reason to believe that any breach of ethical standards as set forth in law, the Governor's Code of Conduct, or in these provisions has occurred or may occur, including but not limited to contact by a Commonwealth officer or employee which, if acted upon, would violate such ethical standards, Contractor shall immediately notify the Commonwealth contracting officer or Commonwealth Inspector General in writing.

**14.** Contractor, by submission of its bid or proposal and/or execution of this contract and by the submission of any bills, invoices or requests for payment pursuant to the contract, certifies and represents that it has not violated any of these contractor integrity provisions in connection with the submission of the bid or proposal, during any contract negotiations or during the term of the contract.

**15.** Contractor shall cooperate with the Office of Inspector General in its investigation of any alleged Commonwealth employee breach of ethical standards and any alleged Contractor non-compliance with these provisions. Contractor agrees to make identified Contractor employees available for interviews at reasonable times and places. Contractor, upon the inquiry or request of the Office of Inspector General, shall provide, or if appropriate, make promptly available for inspection or copying, any information of any type or form deemed relevant by the Inspector General to Contractor's integrity and compliance with these provisions. Such information may include, but shall not be limited to, Contractor's business or financial records, documents or files of any type or form that refers to or concern this contract.

**16.** For violation of any of these Contractor Integrity Provisions, the Commonwealth may terminate this and any other contract with Contractor, claim liquidated damages in an amount equal to the value of anything received in breach of these provisions, claim damages for all additional costs and expenses incurred in obtaining another contractor to complete performance under this contract, and debar and suspend Contractor from doing business with the Commonwealth. These rights and remedies are cumulative, and the use or non-use of any one shall not preclude the use of all or any other. These rights and remedies are in addition to those the Commonwealth may have under law, statute, regulation, or otherwise.

**17.** For purposes of these Contractor Integrity Provisions, the following terms shall have the meanings found in this Paragraph.

- a. "Confidential information" means information that a) is not already in the public domain; b) is not available to

the public upon request; c) is not or does not become generally known to Contractor from a third party without an obligation to maintain its confidentiality; d) has not become generally known to the public through a act or omission of Contractor; or e) has not been independently developed by Contractor without the use of confidential information of the Commonwealth.

**b.** “Consent” means written permission signed by a duly authorized officer or employee of the Commonwealth, provided that where the material facts have been disclosed, in writing, by pre-qualification, bid, proposal, or contractual terms, the Commonwealth shall be deemed to have consented by virtue of execution of this contract.

**c.** “Contractor” means the individual or entity that has entered into this contract with the Commonwealth, including those directors, officers, partners, managers, and owners having more than a five percent interest in Contractor.

**d.** “Financial interest” means:

(1) Ownership of more than a five percent interest in any business; or

(2) Holding a position as an officer, director, trustee, partner, employee, or holding any position of management.

**e.** “Gratuity” means tendering, giving or providing anything of more than nominal monetary value including, but not limited to, cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, services, employment, or contracts of any kind. The exceptions set forth in the *Governor’s Code of Conduct, Executive Order 1980-18*, the *4 Pa. Code §7.153(b)*, shall apply.

**f.** “Immediate family” means a spouse and any unemancipated child.

**g.** “Non-bid basis” means a contract awarded or executed by the Commonwealth with Contractor without seeking bids or proposals from any other potential bidder or offeror.

**h.** “Political contribution” means any payment, gift, subscription, assessment, contract, payment for services, dues, loan, forbearance, advance or deposit of money or any valuable thing, to a candidate for public office or to a political committee, including but not limited to a political action committee, made for the purpose of influencing any election in the Commonwealth of Pennsylvania or for paying debts incurred by or for a candidate or committee before or after any election.

### **V.36 CONTRACT-029.1 Contractor Responsibility Provisions (Nov 2010)**

For the purpose of these provisions, the term contractor is defined as any person, including, but not limited to, a bidder, offeror, loan recipient, grantee or lessor, who has furnished or performed or seeks to furnish or perform, goods, supplies, services, leased space, construction or other activity, under a contract, grant, lease, purchase order or reimbursement agreement with the Commonwealth of Pennsylvania (Commonwealth). The term contractor includes a permittee, licensee, or any agency, political subdivision, instrumentality, public authority, or other public entity in the Commonwealth.

**1.** The Contractor certifies, in writing, for itself and its subcontractors required to be disclosed or approved by the Commonwealth, that as of the date of its execution of this Bid/Contract, that neither the Contractor, nor any such subcontractors, are under suspension or debarment by the Commonwealth or any governmental entity, instrumentality, or authority and, if the Contractor cannot so certify, then it agrees to submit, along with its Bid/Contract, a written explanation of why such certification cannot be made.

**2.** The Contractor also certifies, in writing, that as of the date of its execution of this Bid/Contract it has no tax liabilities or other Commonwealth obligations, or has filed a timely administrative or judicial appeal if such liabilities or obligations exist, or is subject to a duly approved deferred payment plan if such liabilities exist.

**3.** The Contractor's obligations pursuant to these provisions are ongoing from and after the effective date of the Contract through the termination date thereof. Accordingly, the Contractor shall have an obligation to inform the Commonwealth if, at any time during the term of the Contract, it becomes delinquent in the payment of taxes, or other Commonwealth obligations, or if it or, to the best knowledge of the Contractor, any of its subcontractors are



suspended or debarred by the Commonwealth, the federal government, or any other state or governmental entity. Such notification shall be made within 15 days of the date of suspension or debarment.

4. The failure of the Contractor to notify the Commonwealth of its suspension or debarment by the Commonwealth, any other state, or the federal government shall constitute an event of default of the Contract with the Commonwealth.

5. The Contractor agrees to reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of State Inspector General for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the Commonwealth that results in the suspension or debarment of the contractor. Such costs shall include, but shall not be limited to, salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees. The Contractor shall not be responsible for investigative costs for investigations that do not result in the Contractor's suspension or debarment.

6. The Contractor may obtain a current list of suspended and debarred Commonwealth contractors by either searching the Internet at <http://www.dgs.state.pa.us/> or contacting the:

Department of General Services  
Office of Chief Counsel  
603 North Office Building  
Harrisburg, PA 17125  
Telephone No: (717) 783-6472  
FAX No: (717) 787-9138

#### **V.37 CONTRACT-030.1 Americans with Disabilities Act (Oct 2006)**

- a. Pursuant to federal regulations promulgated under the authority of The Americans With Disabilities Act, 28 C.F.R. Section 35.101 et seq., the Contractor understands and agrees that it shall not cause any individual with a disability to be excluded from participation in this Contract or from activities provided for under this Contract on the basis of the disability. As a condition of accepting this contract, the Contractor agrees to comply with the "General Prohibitions Against Discrimination," 28 C.F.R. Section 35.130, and all other regulations promulgated under Title II of The Americans With Disabilities Act which are applicable to all benefits, services, programs, and activities provided by the Commonwealth of Pennsylvania through contracts with outside contractors.
- b. The Contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth of Pennsylvania from all losses, damages, expenses, claims, demands, suits, and actions brought by any party against the Commonwealth of Pennsylvania as a result of the Contractor's failure to comply with the provisions of Subparagraph a. above.

#### **V.38 CONTRACT-031.1 Hazardous Substances (Oct 2013)**

The Contractor shall provide information to the Commonwealth about the identity and hazards of hazardous substances supplied or used by the Contractor in the performance of the Contract. The Contractor must comply with Act 159 of October 5, 1984, known as the "Worker and Community Right to Know Act" (the "Act") and the regulations promulgated pursuant thereto at 4 Pa. Code Section 301.1 et seq.

a. Labeling. The Contractor shall ensure that each individual product (as well as the carton, container or package in which the product is shipped) of any of the following substances (as defined by the Act and the regulations) supplied by the Contractor is clearly labeled, tagged or marked with the information listed in Subparagraphs (1) through (4):

- 1) Hazardous substances:
  - a) The chemical name or common name,
  - b) A hazard warning, and
  - c) The name, address, and telephone number of the manufacturer.

- 2) Hazardous mixtures:
  - a) The common name, but if none exists, then the trade name,
  - b) The chemical or common name of special hazardous substances comprising .01% or more of the mixture,
  - c) The chemical or common name of hazardous substances consisting 1.0% or more of the mixture,
  - d) A hazard warning, and
  - e) The name, address, and telephone number of the manufacturer.

- 3) Single chemicals:
  - a) The chemical name or the common name,
  - b) A hazard warning, if appropriate, and
  - c) The name, address, and telephone number of the manufacturer.

- 4) Chemical Mixtures:
  - a) The common name, but if none exists, then the trade name,
  - b) A hazard warning, if appropriate,
  - c) The name, address, and telephone number of the manufacturer, and
  - d) The chemical name or common name of either the top five substances by volume or those substances consisting of 5.0% or more of the mixture.  
A common name or trade name may be used only if the use of the name more easily or readily identifies the true nature of the hazardous substance, hazardous mixture, single chemical, or mixture involved.

Container labels shall provide a warning as to the specific nature of the hazard arising from the substance in the container.

The hazard warning shall be given in conformity with one of the nationally recognized and accepted systems of providing warnings, and hazard warnings shall be consistent with one or more of the recognized systems throughout the workplace. Examples are:

- NFPA 704, Identification of the Fire Hazards of Materials.
- National Paint and Coatings Association: Hazardous Materials Identification System.
- American Society for Testing and Materials, Safety Alert Pictorial Chart.
- American National Standard Institute, Inc., for the Precautionary Labeling of Hazardous Industrial Chemicals.

Labels must be legible and prominently affixed to and displayed on the product and the carton, container, or package so that employees can easily identify the substance or mixture present therein.

b. Material Safety Data Sheet. The contractor shall provide Material Safety Data Sheets (MSDS) with the information required by the Act and the regulations for each hazardous substance or hazardous mixture. The Commonwealth must be provided an appropriate MSDS with the initial shipment and with the first shipment after an MSDS is updated or product changed. For any other chemical, the contractor shall provide an appropriate MSDS, if the manufacturer, importer, or supplier produces or possesses the MSDS. The contractor shall also notify the Commonwealth when a substance or mixture is subject to the provisions of the Act. Material Safety Data Sheets may be attached to the carton, container, or package mailed to the Commonwealth at the time of shipment.

**V.39 CONTRACT-032.1 Covenant Against Contingent Fees (Oct 2006)**

The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure the Contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty, the Commonwealth shall have the right to terminate the Contract without liability or in its discretion to deduct from the Contract price or consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee.

#### **V.40 CONTRACT-033.1 Applicable Law (Oct 2006)**

This Contract shall be governed by and interpreted and enforced in accordance with the laws of the Commonwealth of Pennsylvania (without regard to any conflict of laws provisions) and the decisions of the Pennsylvania courts. The Contractor consents to the jurisdiction of any court of the Commonwealth of Pennsylvania and any federal courts in Pennsylvania, waiving any claim or defense that such forum is not convenient or proper. The Contractor agrees that any such court shall have in personam jurisdiction over it, and consents to service of process in any manner authorized by Pennsylvania law.

#### **V.41 CONTRACT- 034.1b Integration (Nov 30 2006)**

This Contract, including the Invitation for Bids, the Contractor's bid, all referenced documents, and any Purchase Order constitutes the entire agreement between the parties. No agent, representative, employee or officer of either the Commonwealth or the Contractor has authority to make, or has made, any statement, agreement or representation, oral or written, in connection with the Contract, which in any way can be deemed to modify, add to or detract from, or otherwise change or alter its terms and conditions. No negotiations between the parties, nor any custom or usage, shall be permitted to modify or contradict any of the terms and conditions of the Contract. No modifications, alterations, changes, or waiver to the Contract or any of its terms shall be valid or binding unless accomplished by a written amendment signed by both parties.

#### **V.42 CONTRACT-034.2b Order of Precedence - IFB (Dec 6 2006)**

In the event there is a conflict among the documents comprising this Contract, the Commonwealth and the Contractor agree on the following order of precedence: the Contract; the IFB; and the Contractor's Bid in Response to the IFB.

#### **V.43 CONTRACT-034.3 Controlling Terms and Conditions (Aug 2011)**

The terms and conditions of this Contract shall be the exclusive terms of agreement between the Contractor and the Commonwealth. All quotations requested and received from the Contractor are for obtaining firm pricing only. Other terms and conditions or additional terms and conditions included or referenced in the Contractor's quotations, invoices, business forms, or other documentation shall not become part of the parties' agreement and shall be disregarded by the parties, unenforceable by the Contractor and not binding on the Commonwealth.

#### **V.44 CONTRACT-035.1a Changes (Oct 2006)**

The Commonwealth reserves the right to make changes at any time during the term of the Contract or any renewals or extensions thereof: 1) to increase or decrease the quantities resulting from variations between any estimated quantities in the Contract and actual quantities; 2) to make changes to the services within the scope of the Contract; 3) to notify the Contractor that the Commonwealth is exercising any Contract renewal or extension option; or 4) to modify the time of performance that does not alter the scope of the Contract to extend the completion date beyond the Expiration Date of the Contract or any renewals or extensions thereof. Any such change shall be made by the Contracting Officer by notifying the Contractor in writing. The change shall be effective as of the date of the change, unless the notification of change specifies a later effective date. Such increases, decreases, changes, or modifications will not invalidate the Contract, nor, if performance security is being furnished in conjunction with the Contract, release the security obligation. The Contractor agrees to provide the service in accordance with the

change order. Any dispute by the Contractor in regard to the performance required by any notification of change shall be handled through Contract Controversies Provision.

#### **V.45 CONTRACT-037.1a Confidentiality (Oct 2013)**

(a) The Contractor agrees to protect the confidentiality of the Commonwealth's confidential information. The Commonwealth agrees to protect the confidentiality of Contractor's confidential information. In order for information to be deemed confidential, the party claiming confidentiality must designate the information as "confidential" in such a way as to give notice to the other party (notice may be communicated by describing the information, and the specifications around its use or disclosure, in the SOW). Neither party may assert that information owned by the other party is such party's confidential information. The parties agree that such confidential information shall not be copied, in whole or in part, or used or disclosed except when essential for authorized activities under this Contract and, in the case of disclosure, where the recipient of the confidential information has agreed to be bound by confidentiality requirements no less restrictive than those set forth herein. Each copy of such confidential information shall be marked by the party making the copy with any notices appearing in the original. Upon termination or cancellation of this Contract or any license granted hereunder, the receiving party will return to the disclosing party all copies of the confidential information in the receiving party's possession, other than one copy, which may be maintained for archival purposes only, and which will remain subject to this Contract's security, privacy, data retention/destruction and confidentiality provisions (all of which shall survive the expiration of this Contract). Both parties agree that a material breach of these requirements may, after failure to cure within the time frame specified in this Contract, and at the discretion of the non-breaching party, result in termination for default pursuant to the DEFAULT provision of this Contract, in addition to other remedies available to the non-breaching party.

(b) Insofar as information is not otherwise protected by law or regulation, the obligations stated in this Section do not apply to information:

- (1) already known to the recipient at the time of disclosure other than through the contractual relationship;
- (2) independently generated by the recipient and not derived by the information supplied by the disclosing party.
- (3) known or available to the public, except where such knowledge or availability is the result of unauthorized disclosure by the recipient of the proprietary information;
- (4) disclosed to the recipient without a similar restriction by a third party who has the right to make such disclosure; or
- (5) required to be disclosed by law, regulation, court order, or other legal process.

There shall be no restriction with respect to the use or disclosure of any ideas, concepts, know-how, or data processing techniques developed alone or jointly with the Commonwealth in connection with services provided to the Commonwealth under this Contract.

(c) The Contractor shall use the following process when submitting information to the Commonwealth it believes to be confidential and/or proprietary information or trade secrets:

- (1) Prepare an un-redacted version of the appropriate document, and
- (2) Prepare a redacted version of the document that redacts the information that is asserted to be confidential or proprietary information or a trade secret, and
- (3) Prepare a signed written statement that states:
  - (i) the attached document contains confidential or proprietary information or trade secrets;
  - (ii) the Contractor is submitting the document in both redacted and un-redacted format in accordance with 65 P.S. § 67.707(b); and

(iii) the Contractor is requesting that the document be considered exempt under 65 P.S. § 67.708(b)(11) from public records requests.

(4) Submit the two documents along with the signed written statement to the Commonwealth.

#### **V.46 CONTRACT-043.1 Leasing Additional Terms and Conditions (Oct 2013)**

To the extent that the Contractor offers the Commonwealth or any purchasing agency ("Lessee") the option to lease any items covered by the Contract, these Leasing Terms And Conditions shall, in addition to the other terms and conditions of the Contract, govern the Lease, except to the extent the Contractor assigns a Lease to an Initial Assignee, in which case the Initial Assignee shall be bound to the obligations of the Contractor only as specified in these Leasing Terms and Conditions. If a Lessee desires to lease contract items, the Lessee shall indicate its leasing election on the PO issued to the Contractor ("Lease PO"). By issuing a Lease PO, the Lessee explicitly agrees to these Leasing Terms and Conditions. Any items covered by a Lease shall be called "Leased Property" in these Leasing Terms and Conditions. To the extent that there is a conflict between the other terms and conditions of the Contract and these Leasing Terms and Conditions, these Leasing Terms and Conditions shall prevail to the extent that the Lessee has elected a leasing option.

##### **A. Term of Lease**

The Contractor may provide any Leased Property under the Contract for any term up to 60 months, including a Fair Market Value Option for Lease/Purchases. The Lessee shall identify the term selected, as well as its election of either a Lease or Lease/Purchase option, on the Lease PO. The Lease term shall commence on the date the Lessee accepts the Leased Property by executing the Acceptance Certificate, and the term shall continue for the length specified on the Lease PO. The form of the Acceptance Certificate can be found on the Forms page of the Department of General Services' webpage ([www.dgs.state.pa.us](http://www.dgs.state.pa.us)).

If the Contractor delivers the Leased Property in more than one delivery, unless otherwise specified in the Specifications for this procurement, the Lessee will provide separate acceptance certificates for each delivery of the items, and the Lessee will make periodic payments for the Leased Property corresponding to the amount of the Leased Property delivered and accepted 30 days prior to the payment due date.

##### **B. Payments**

1. Full Term Intention. The Lessee shall pay the applicable monthly or annual rent payment for the Leased Property for the full Lease term, unless the Lessee terminates the Lease, either for Contractor default as set forth in the Default provision of the Contract or for non-appropriation of funds as specified in this section.

2. Non-Appropriation. The Lessee's obligation is payable only and solely from funds allotted for the purpose of the Lease. If sufficient funds are not appropriated for continuation of performance under any Lease for any fiscal year subsequent to the one in which the Lessee issued the Lease PO, the Lessee may return the Leased Property to the Contractor/Initial Assignee (as applicable), and thereafter the Contractor/Initial Assignee shall release the Lessee of all further obligations under the Lease, provided:

- a. The Lessee delivers unencumbered title to the Leased Property to the Contractor or Initial Assignee (if applicable);
- b. The Lessee returns the Leased Property to the Contractor/Initial Assignee in good condition, reasonable wear and tear excepted; and
- c. The Lessee gives 30 days written notice of the failure of appropriations to the Contractor/Initial Assignee, along with a certification that the Leased Property is not being replaced by similar items from another vendor. In the event the Lessee returns the Leased Property for failure of appropriations, the Lessee shall pay all amounts then due under the Lease through the end of the fiscal year for which sufficient funds were appropriated for the Lease.

##### **C. Title**

1. Title to the Leased Property shall not pass to the Lessee but shall remain in the Contractor or Initial Assignee, whichever applies; except in the case of a Lease/Purchase, the title shall pass to the Lessee upon payment of the final installment or other concluding payment option.

a. Upon payment of the final installment or other concluding payment option, neither the Contractor nor its assignee shall have any further interest in the Leased Property.

b. The Leased Property shall remain personal property and shall not become a fixture or affixed to real property without consent of the Contractor/assignee.

c. At the request of the Contractor or Initial Assignee, the Lessee will join the Contractor/assignee in executing one or more UCC-1 financing statements.

d. The Lessee will keep the Leased Property free and clear of all encumbrances except the Contractor's/assignee's security interest.

#### **D. Use And Location Of, and Alteration to Leased Property**

The Lessee shall keep the Leased Property within the confines of the Commonwealth of Pennsylvania and shall inform the Contractor/Initial Assignee upon request of the location of the Leased Property. The Lessee, at its own cost and expense, shall maintain the Leased Property in good operating condition and will not use or deal with the Leased Property in any manner which is inconsistent with the terms of the Contract or any applicable laws and regulations. The Lessee agrees not to misuse, abuse, or waste the Leased Property and the Lessee will not allow the Leased Property to deteriorate, except for ordinary wear and tear resulting from their intended use. No alterations, changes, or modifications to the Leased Property shall be made without the approval of the Contractor/Initial Assignee.

#### **E. Risk of Loss**

The Contractor shall assume and bear the risk of loss or damage to, or theft of, the Leased Property and all component parts while the Leased Property or parts are in the Lessee's possession, unless the Lessee could have prevented such loss, damage, or theft by exercising reasonable care or diligence in the use, protection, or care of the Leased Property or parts. No loss or damage to the Leased Property or parts shall impair any Contractor or Lessee obligation under the Lease, except as expressly provided in these Leasing Terms and Conditions. If the damage could not have been prevented by the Lessee's exercise of reasonable care or diligence, and the Contractor determines the Leased Property or parts can be economically repaired, the Contractor shall repair or cause to be repaired all damages to the Leased Property or their parts. In the event that the any of the Leased Property or their parts are stolen or destroyed, or if in the Contractor's opinion they are rendered irreparable, unusable, or damaged, the affected Leased Property shall be considered a total loss and the Lease shall terminate as to that Leased Property, and the Lessee's obligation to pay rent for the affected Leased Property shall be deemed to have ceased as of the date of the loss.

#### **F. Warranties**

1. The Lessee shall have the benefit of any and all manufacturer or supplier warranties for the Leased Property during the Lease term.

2. The Contractor/Initial Assignee and any subsequent assignee warrants that neither the Contractor/Initial Assignee or subsequent assignee, nor anyone acting or claiming through these parties by assignment or otherwise, will interfere with the Lessee's quiet enjoyment of the Leased Property so long as no event of default as defined in Subsection J of this Section shall have occurred and be continuing.

#### **G. Liability**

1. The Lessee assumes all risks and liabilities for injury to or death of any person or damage to any property, arising out of the Lessee's possession, use, operation, condition, or storage of any Leased Property, whether such injury or death be of agents or employees of the Lessee or of third parties, and whether such property damage be to

the Lessee 's property or the property of others; provided, however, that the damage or injury results from the action or inaction of the Lessee, its agents or employees, and provided that judgment has been obtained against the Lessee, its agents or employees. This provision shall not be construed to limit the governmental immunity of any Lessee.

2. The Lessee shall, during the Lease term, either self-insure or purchase insurance to cover the risks it has assumed under Paragraph 1 of this Subsection, including but not limited to risks of public liability and property damage.

#### **H. Assignment**

1. The Lessee shall not assign any Lease PO or other interest in the Leased Property without the prior written consent of the Contractor or its assignee. The Contractor may assign, and/or grant security interests in whole or in part in, the Lease PO and Leased Property to an Initial Assignee, who in turn may further assign and/or grant a security interest in a Lease to a subsequent assignee without the Lessee's consent. Any other Contractor assignment shall require the Lessee's prior written consent. Upon written notice to the Lessee, the Contractor may assign payments under any Lease to a third party.

2. The Contractor may assign, without Lessee consent, any Lease PO to a third party ("Initial Assignee") who will fund the purchase of the Leased Property. The Initial Assignee may take title to, and assume the right to receive all rental payments for, the Leased Property. The Contractor shall notify the Lessee of any Lease PO assignment in its acknowledgment of the Lease PO to the Lessee, providing the Lessee with a copy of the assignment agreement between the Contractor and the Initial Assignee.

3. Notwithstanding any provisions to the contrary in the Contract, in the event of an assignment to an Initial Assignee, the Initial Assignee shall be bound only to the Contractor's obligations specified in these Leasing Terms and Conditions. An Initial Assignee shall not be responsible for any of the Contractor's additional representations, warranties, covenants, or obligations under the Contract Documents. By issuing a Lease PO, the Lessee waives any claims it may have under the Lease against the Initial Assignee for any loss, damage, or expense caused by, defect in, or use or maintenance of any Leased Property. The Lessee acknowledges that the Initial Assignee is not the supplier of the Leased Property and is not responsible for their selection or installation. After the ordering Lessee executes, and the Initial Assignee receives, an Acceptance Certificate, if any portion of the Leased Property is unsatisfactory for any reason, the ordering Lessee shall, nevertheless, continue to make payments under the applicable Lease terms and shall make any claim against the Contractor or the manufacturer, not against the Initial Assignee or any subsequent assignee of the Initial Assignee.

4. After a Lessee executes and the Initial Assignee receives an Acceptance Certificate:

a. The Lessee shall, regardless of whether any portion of the Leased Property is unsatisfactory for any reason, nevertheless, continue to make payments under the applicable Lease and shall make any claim relating to the Leased Property against the Contractor or the manufacturer, not against the Initial Assignee or any subsequent assignee; and

b. The rights of the Initial Assignee and any subsequent assignee to receive rental payments are absolute and unconditional and shall not be affected by any defense or right of set-off.

#### **5. Warranty Disclaimer**

IN THE EVENT THE CONTRACTOR ASSIGNS A LEASE TO AN INITIAL ASSIGNEE, SUCH INITIAL ASSIGNEE AND ANY SUBSEQUENT ASSIGNEE MAKE NO WARRANTY (OTHER THAN A WARRANTY OF QUIET ENJOYMENT OF THE LEASED PROPERTY), EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. AS TO THE INITIAL ASSIGNEE AND ANY SUBSEQUENT ASSIGNEE, THE LESSEE TAKES THE LEASED PROPERTY "AS IS". IN NO EVENT SHALL THE INITIAL ASSIGNEE OR ANY SUBSEQUENT ASSIGNEE HAVE ANY LIABILITY FOR, NOR SHALL THE LESSEE HAVE ANY REMEDY AGAINST, THE INITIAL ASSIGNEE OR ANY SUBSEQUENT ASSIGNEE FOR CONSEQUENTIAL DAMAGES, LOSS OF SAVINGS, OR LOSS OF USE.

#### **I. Financing and Prepayment**

1. If the Contractor is not the supplier of the Leased Property, the Contractor will pay the charges for the Leased Property directly to the supplier. In the event the Contractor assigns the Lease to an Initial Assignee, the Initial Assignee will pay the charges directly to the Contractor or the supplier, as applicable. If the Contractor has assigned rental payments under the Lease to an Initial Assignee, the Lessee's obligation to make rental payments for the Leased Property for which the Lessee has executed and delivered acceptance certificates shall not be affected by any discontinuance, return, or destruction of any license or licensed program materials, or by any Lessee dissatisfaction with any Leased Property.
2. The Lessee may at any time terminate the financing for any Leased Property by prepaying its remaining rental payments. The Lessee shall provide notice of the intended prepayment date, which shall be at least one month after the date of the notice. Depending on market conditions at the time, the Contractor/Initial Assignee may reduce the balance of the remaining rental payments to reflect the requested prepayment and shall advise the Lessee of the balance to be paid.
3. If the Lessee purchases Contract items related to Leased Property prior to the expiration of the Lease term, or if the Lease is terminated for any reason except non-appropriation as described in Subsection B of this Subsection, and if the Leased Property has been delivered and the Lessee has executed and delivered to the Contractor an acceptance certificate, the Lessee shall prepay such Leased Property.

#### **J. Remedies for Default**

1. If the Lessee does not make a required payment within 30 days after its due date and such nonpayment continues for 15 days after receipt of written notice from the Contractor/Initial Assignee that the Lessee is delinquent in payment, if the Lessee breaches any other provision under these Leasing Terms and Conditions and such breach continues for 15 days after receipt of written notice of the breach from the Contractor/Initial Assignee, or if the Lessee files any petition or proceeding (or has a petition or proceeding filed against it) under any bankruptcy, insolvency, or similar law, the Contractor/Initial Assignee may pursue and enforce the following remedies, individually or collectively:
  - a. Terminate the applicable Lease.
  - b. Take possession of any or all Leased Property in the Lessee's possession, without any court order or other process of law. For such purpose, upon written notice of its intention to do so, the Contractor or its assignee may enter upon the premises where the Leased Property may be and remove and repossess the Leased Property, from the premises without being liable to the Lessee in any action or legal proceedings. The Contractor/assignee may, at its option, sell the repossessed Leased Property at public or private sale for cash or credit. The Lessee shall be liable for the Contractor's/assignee's expenses of retaking possession, including without limitation the removal of the Leased Property and placing the Leased Property in good operating condition (if not in good operating condition at the time of removal) in accordance with the manufacturer's specifications. Repossessed Leased Property shall include only those items that were leased or lease/purchased under the Lease.
  - c. Recover from the Lessee all rental payments then due, plus the net present value of the amount of the remaining rental payments. The present value of such remaining rental payments shall be calculated using a discount rate equal to the average of the weekly two- and three-year Treasury Constant Maturities published by the Federal Reserve Board for the last calendar week of the month preceding the contractor's/assignee's termination of the applicable Lease. The Treasury Constant Maturities are published in Statistical Release .15 and may be accessed via the Federal Reserve Board's Internet website.
2. In the event of Contractor default under the Default provision of the Contract, the Lessee may pursue one or more of the following remedies:
  - a. If the rental payments under the Lease have been assigned to an Initial Assignee, the Lessee shall continue to make payments for that Leased Property which has been delivered and for which the Lessee has provided acceptance certificates to the Contractor/Initial Assignee.
  - b. The Lessee may cancel, without liability for payment, its order for any Leased Property which has not been delivered and for which it has not issued acceptance certificates. In this instance, the amount of the rental payments



will be recalculated to take into consideration and pay for the actual amount of Leased Property which was delivered and accepted. If no Leased Property has been delivered and accepted, the Lessee may terminate the Lease without liability for any payment.

c. If payments have not been assigned, the Lessee may set off or counterclaim any and all damages incurred by the Lessee as a result of the Contractor's default against its obligation to make rental payments.

#### **K. Purchase Option**

If the Lessee is not in default, it shall have the right at the expiration of the Lease term to buy the Leased Property "as is with no additional warranty" by tendering the purchase option amount the parties have established. For any Lease with a Fair Market Value Option, the fair market value of the equipment shall be established by the Contractor/Initial Assignee and shall not exceed the then-current purchase price of the Leased Property as established in the Contract. Upon the Lessee's exercise of a purchase option and payment of the required amount to the Contractor/Initial Assignee, all right, title, and interest in the Leased Property shall pass to the Lessee.

#### **L. Extension**

If the Lessee does not elect to purchase the Leased Property at the expiration of a Lease term, and the Lessee is not in default under the Lease, the Lessee may elect to extend the Lease by written notification to the Contractor/Initial Assignee. The Lessee will make any elective extension under the same Leasing Terms and Conditions, including any rent payable (not less than fair market rental value), and will continue until the earlier of termination by either party upon one month's prior written notice, or five years from the date of installation.

#### **M. Return of Leased Property**

At the expiration or termination of a Lease for any Leased Property, or upon Contractor/Initial Assignee demand pursuant to Subsection J. of this Section, the Lessee shall promptly return the Leased Property, freight prepaid, to any location in the continental United States specified by the Contractor/Initial Assignee. The Lessee shall pay the required rent for the Leased Property until they have been shipped to the Contractor.

1. Since DGS has, as a matter of policy, determined that all hard drives contain information that is confidential or sensitive, the Contractor shall, at its discretion, either remove and destroy any hard drive from the Leased Property or clean the hard drive to Office of Administration/U.S. Department of Defense standards, and the Contractor shall provide written certification to the Lessee that the hard drive has been destroyed or cleaned to Office of Administration/U.S. Department of Defense standards.

2. Except in the event of a total loss of any or all Leased Property as described in Subsection E. of this Section, and except for any costs associated with the removal, destruction, and cleaning of any hard drives, the Lessee shall pay any costs the Contractor/Initial Assignee incurs to restore the Leased Property to good operating condition in accordance with the Contract specifications. All parts the Contractor/Initial Assignee may remove and replace shall become the Contractor's/Initial Assignee's property.

3. The Contractor's/Initial Assignee's costs associated with the cleaning of any hard drive to Office of Administration/U.S. Department of Defense standards and the removal and destruction of any hard drive(s) shall be included in the rental amount. The Lessee shall not be required to pay additional charges for the Contractor's/Initial Assignee's cleaning of a hard drive to Office of Administration/U.S. Department of Defense standards nor for the Contractor's/Initial Assignee's removal and destruction of any hard drive(s) upon the return of a Leased item.

#### **N. Compliance with Internal Revenue Code**

1. Tax Exemption Financing. If it intends to provide tax exempt financing, the Contractor/Initial Assignee must file, in timely fashion, any reports the Internal Revenue Service may require with respect to the order under the Internal Revenue Code (IRC). The Lessee shall cooperate with the Contractor/Initial Assignee in the preparation and execution of these documents. The Lessee shall also keep a copy of each notification of assignment with the Lessee's counterpart of the order and shall not, during the Lease term, permit the Leased Property to be directly or indirectly used for a private business use within the meaning of Section 141 of the IRC.

2. Governmental Status. Eligible Lessees include State entities or political subdivisions of a State for the purpose of Section 103(a) of the IRC as well as tax exempt non-profit corporations and entities under 501(c)(4) of the IRC. Any misrepresentation of a Lessee's status under the IRC shall constitute an event of default by the Lessee. If the Internal Revenue Service rules that the Lessee does not so qualify under either Section 103(a) or 501(c)(4) of the IRC, or if the Lessee fails to cooperate with the Contractor/Initial Assignee in the preparation and execution of any reports required under Section 124 or 149 of the IRC (including 8038G and 8038GC forms), the Lessee will, upon demand, pay the Contractor/Initial Assignee a sum the Contractor/Initial Assignee determines sufficient to return the Contractor/Initial Assignee to the economic status it would otherwise have received.

#### **O. Governing Law**

All Leases made under these Leasing Terms and Conditions shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, except that the parties agree that Article 2A of the Uniform Commercial Code shall not apply or govern transactions under these Leasing Terms and Conditions.

#### **P. Notices**

Service of all notices under these Leasing Terms and Conditions shall be sufficient if delivered to the Lessee at the address set forth in the applicable Lease PO, or to the Contractor/Initial Assignee at the address set forth in its acknowledgment of the Lease PO, including any attached document. Notices by mail shall be effective when deposited in the U.S. mail, properly addressed, with sufficient paid postage. Notices delivered by hand or by overnight courier shall be effective when actually received.

#### **V.47 CONTRACT-046.1 Manufacturer's Price Reduction (Oct 2006)**

If, prior to the delivery of the awarded item(s) by the Contractor, a price reduction is announced by the original equipment manufacturer, a comparative price reduction will be given to the Commonwealth by the Contractor.

#### **V.48 CONTRACT-051.1 Notice (Dec 2006)**

Any written notice to any party under this Contract shall be deemed sufficient if delivered personally, or by facsimile, teletype, electronic or digital transmission (provided such delivery is confirmed), or by a recognized overnight courier service (e.g., DHL, Federal Express, etc.) with confirmed receipt, or by certified or registered United States mail, postage prepaid, return receipt requested, and sent to following:

- a. If to the Contractor: the Contractor's address as recorded in the Commonwealth's Supplier Registration system.
- b. If to the Commonwealth: the address of the Issuing Office as set forth on the Contract.

#### **V.49 CONTRACT-052.1 Right to Know Law (Feb 2010)**

a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, ("RTKL") applies to this Contract. For the purpose of these provisions, the term "the Commonwealth" shall refer to the contracting Commonwealth agency.

b. If the Commonwealth needs the Contractor's assistance in any matter arising out of the RTKL related to this Contract, it shall notify the Contractor using the legal contact information provided in this Contract. The Contractor, at any time, may designate a different contact for such purpose upon reasonable prior written notice to the Commonwealth.

c. Upon written notification from the Commonwealth that it requires the Contractor's assistance in responding to a request under the RTKL for information related to this Contract that may be in the Contractor's possession, constituting, or alleged to constitute, a public record in accordance with the RTKL ("Requested Information"), the Contractor shall:

1. Provide the Commonwealth, within ten (10) calendar days after receipt of written notification, access to,

and copies of, any document or information in the Contractor's possession arising out of this Contract that the Commonwealth reasonably believes is Requested Information and may be a public record under the RTKL; and

2. Provide such other assistance as the Commonwealth may reasonably request, in order to comply with the RTKL with respect to this Contract.

- d. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, or other information that the Contractor considers exempt from production under the RTKL, the Contractor must notify the Commonwealth and provide, within seven (7) calendar days of receiving the written notification, a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL.
- e. The Commonwealth will rely upon the written statement from the Contractor in denying a RTKL request for the Requested Information unless the Commonwealth determines that the Requested Information is clearly not protected from disclosure under the RTKL. Should the Commonwealth determine that the Requested Information is clearly not exempt from disclosure, the Contractor shall provide the Requested Information within five (5) business days of receipt of written notification of the Commonwealth's determination.
- f. If the Contractor fails to provide the Requested Information within the time period required by these provisions, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth.
- g. The Commonwealth will reimburse the Contractor for any costs associated with complying with these provisions only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.
- h. The Contractor may file a legal challenge to any Commonwealth decision to release a record to the public with the Office of Open Records, or in the Pennsylvania Courts, however, the Contractor shall indemnify the Commonwealth for any legal expenses incurred by the Commonwealth as a result of such a challenge and shall hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth, regardless of the outcome of such legal challenge. As between the parties, the Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL.
- i. The Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this Contract and shall continue as long as the Contractor has Requested Information in its possession.



# INSTRUCTIONS

**ZONES:** The Bidder must indicate, by checking the appropriate box, the zone(s) where it intends to provide telephone systems, equipment and other related services. The Bidder must indicate the manufacturer of the telephone system(s) being offered.

**ADDITIONAL COSTS:** The Bidder must indicate the costs for labor, location assessments and service visits.

**TELEPHONE SYSTEMS:** The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

# Zones

The Bidder must indicate, by checking the appropriate box, the zone(s) where it intends to provide telephone systems, equipment and other related services. The Bidder must indicate the manufacturer of the telephone system(s) being offered.

Zones	Manufacturer(s)
<input type="checkbox"/> <b>Zone 1 – Western Pennsylvania – includes the following counties:</b> Erie, Crawford, Mercer, Lawrence, Beaver, Washington, Greene, Fayette, Westmoreland, Allegheny, Butler, Venango, Warren, McKean, Forest, Elk, Clarion, Jefferson, Armstrong, Indiana, Clearfield, Cambria, Somerset.	
<input type="checkbox"/> <b>Zone 2 – Central Pennsylvania – includes the following counties:</b> Potter, Cameron, Clinton, Centre, Blair, Bedford, Fulton, Huntingdon, Tioga, Lycoming, Union, Snyder, Mifflin, Juniata, Perry, Cumberland, Franklin, Adams, York, Lancaster, Lebanon, Dauphin, Northumberland, Montour, Columbia, Schuylkill, Luzerne, Wyoming, Sullivan, Lackawanna, Bradford, Susquehanna.	
<input type="checkbox"/> <b>Zone 3 – Eastern Pennsylvania – includes the following counties:</b> Wayne, Pike, Monroe, Carbon, Northampton, Lehigh, Berks, Bucks, Montgomery, Chester, Delaware, Philadelphia	

# Labor, Location Assessment and Service Visit Costs

The Bidder must indicate the costs for labor, location assessments and service visits.

Labor	
Weekday Hourly Rate	
Weekend/Holiday Hourly Rate	
*Overtime Hourly Rate	

\*Applies only if a technician exceeds eight (8) continuous work hours within a twenty-four (24) hour period.

Location Assessments & Visitation	
Location Assessment Cost	
Service Visit Cost	

# Small Key Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost



# Medium Key Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost

# Large Key Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost

# Small PBX Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost

# Medium PBX Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost

# Large PBX Telephone System Configuration(s)

The Bidder must indicate all of the items required in order to make the telephone system(s) being offered fully operational. The Bidder must indicate the cost for all items, as well as the costs for those optional items and services within Section II - Specifications of the IFB. The Bidder must indicate each item type; Base System: required to make the telephone system fully operational, Expansion Configuration: required to make the telephone system more robust, Additional Component: additional components which are functional with the telephone system, Additional Feature: additional features which are compatible with the telephone system.

Item Description	Item Type	Manufacturer	Model	Cost

## Appendix D - Lobbying Certification Form

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### Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form- LLL, Disclosure of Lobbying Activities, in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed under *Section 1352, Title 31, U. S. Code*. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than **\$100,000** for such failure.

SIGNATURE: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

# DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

<b>1. Type of Federal Action:</b> <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	<b>3. Report Type:</b> <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change <b>For Material Change Only:</b> year _____ quarter _____ date of last report _____
<b>4. Name and Address of Reporting Entity:</b> <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, <i>if known</i> :  <b>Congressional District, if known:</b>	<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b>   <b>Congressional District, if known:</b>	
<b>6. Federal Department/Agency:</b>	<b>7. Federal Program Name/Description:</b>  CFDA Number, <i>if applicable</i> : _____	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known:</b> \$ _____	
<b>10. a. Name and Address of Lobbying Registrant</b> <i>(if individual, last name, first name, MI):</i>	<b>b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i>	
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date: _____	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

## INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.  
  
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

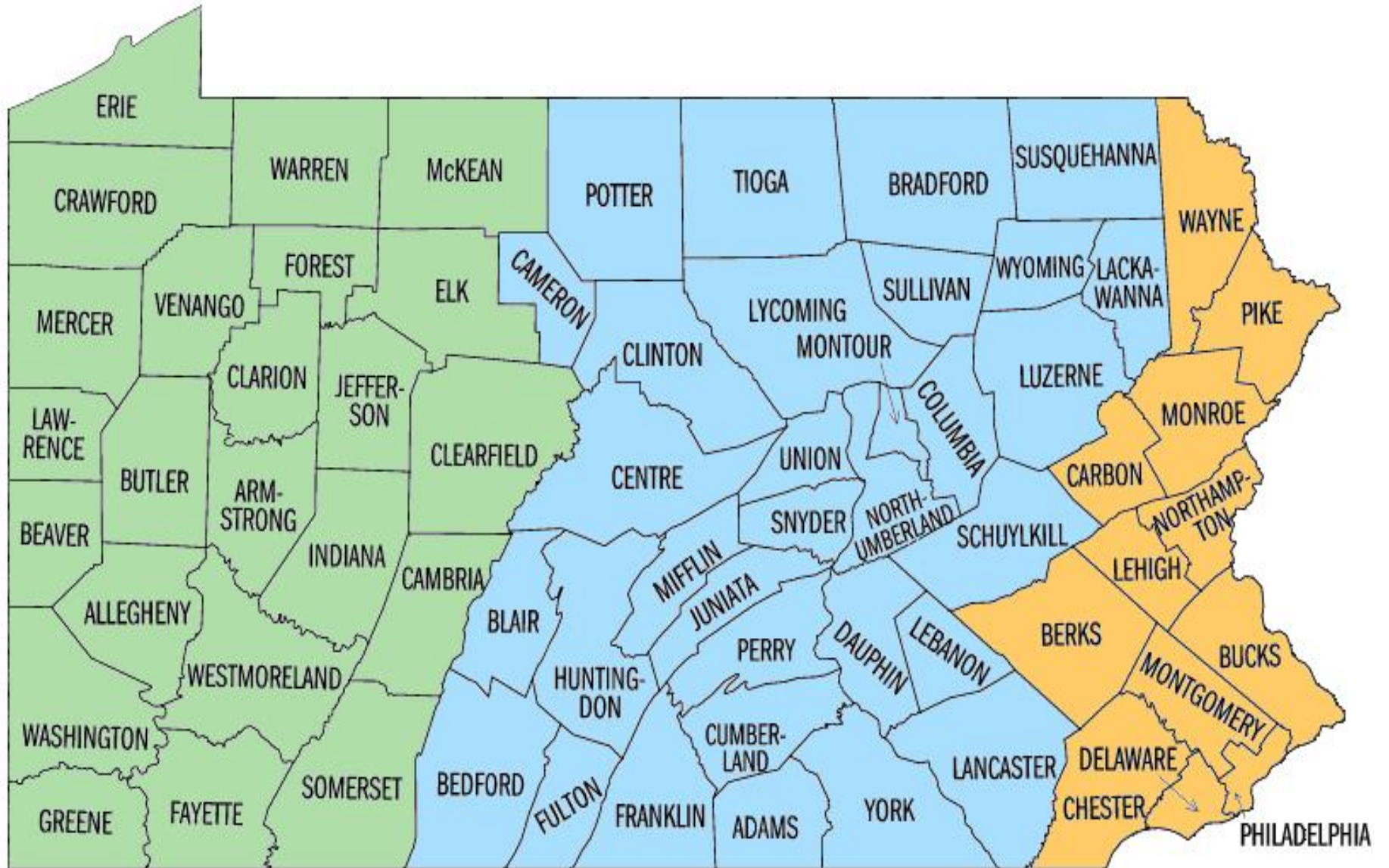


# Appendix F – Zones

 ZONE 1

 ZONE 2

 ZONE 3



**Zone 1 – Western Pennsylvania – includes the following counties:**

Erie, Crawford, Mercer, Lawrence, Beaver, Washington, Greene, Fayette, Westmoreland, Allegheny, Butler, Venango, Warren, McKean, Forest, Elk, Clarion, Jefferson, Armstrong, Indiana, Clearfield, Cambria, Somerset.

**Zone 2 – Central Pennsylvania – includes the following counties:**

Potter, Cameron, Clinton, Centre, Blair, Bedford, Fulton, Huntingdon, Tioga, Lycoming, Union, Snyder, Mifflin, Juniata, Perry, Cumberland, Franklin, Adams, York, Lancaster, Lebanon, Dauphin, Northumberland, Montour, Columbia, Schuylkill, Luzerne, Wyoming, Sullivan, Lackawanna, Bradford, Susquehanna.

**Zone 3 – Eastern Pennsylvania – includes the following counties:**

Wayne, Pike, Monroe, Carbon, Northampton, Lehigh, Berks, Bucks, Montgomery, Chester, Delaware, Philadelphia.

<b>Current Installed PBX/Key Telephone System within the Commonwealth</b>		
<b>Zone 1</b>	<b>Zone 2</b>	<b>Zone 3</b>
179	247	91

Table 1 SLA #1 System Installation on Time

			Start Date
<b>SLA # 1 – System Installation On Time</b>			
<b>Service Level Description</b>	System Installation Complete		
<b>Service Level Definition</b>	Installation must be completed within 60 days of the ESMS order submit date.		
<b>Service Measurement</b>	Timeliness		
<b>Metric Description</b>	Installations whose 60-day end date period falls within the calendar month but do not meet the 60-day requirement as completed will be reported as in violation.		
<b>Metric Inclusions</b>	All ESMS PBX/Key requests for installations		
<b>Metric Exclusions</b>	<p>The following request types will be excluded from service level counts:</p> <ul style="list-style-type: none"> <li>▪ All other ESMS requests</li> </ul>		
<b>Service Level</b>	60 days		
<b>Calculation</b>	<p>&gt;60 days to install</p> <p>(# days to install = difference between ESMS order submit date and ESMS actual complete date)</p>		
<b>Data Source/s</b>	Enterprise Service Management System (ESMS)		
<b>Reporting Format/s</b>	<p><u>Preferred Format:</u> PDF</p> <p><u>Report Elements:</u> SUMMARY REPORT – Header to include, but not limited to: SLA, SLA Description, Agency Name, # of Misses, Remedies Paid. DETAIL REPORT - Header to include, but not limited to: Total Number of PBX/Key Installations Due, Total Number of PBX/Key Installations Completed, Service Level, Service Level Achieved [Yes/No]; Detail to include PBX/Key installations due, Requesting Agency, Purchase Order number, Purchase Order Issuance Date, Installation Completed Date</p> <p><u>Detailed Exclusion Report:</u> To include, but not limited to: PBX/Key Installation(s) due, Requesting Agency, Purchase Order number, Purchase Order Issuance Date, Installation Completed Date, Reason for Exclusion</p>		
<b>Measurement Window</b>	Monthly		
<b>Service Level Reporting Window</b>	Statistics will be provided by the vendor within ten (10) business days after the end of the month measured		
<b>Liquidated Damages Calculation</b>	<p>(.5 x .01 x # business days delinquent) but no more than (.5 x total price of phone system) or stated as:</p> <p>One-half of 1% per business day of delinquency, but not to exceed fifty (50) percent of the total price of the phone system.</p>		
<b>Agency Recoupment method</b>	Deducted from scheduled payment, shown on invoice		

Table 2 SLA #2 Routine Service Repair

			Start Date
<b>SLA # 2 – Routine Service Repair</b>			
<b>Service Level Description</b>	Routine Service Repair		
<b>Service Level Definition</b>	Vendor must respond to the agency request within 24 hours of the Trouble Ticket Create date/time. Vendor must perform repair services within 24 hours after initial response to original request.		
<b>Service Measurement</b>	Timeliness		
<b>Metric Description</b>	Repair services within 24 hours after response to service request, within normal working hours; 8 am to 5 pm, Monday thru Friday. Definitions include: <ul style="list-style-type: none"> <li>• Trouble Ticket Create date/time – the time the request was initiated for service</li> <li>• Resolved date/time – the time that the request was determined to be completed by the Awarded Bidder</li> <li>• “Pending” elapsed time – the amount of time that the trouble ticket is set to this status, which will stop the clock from running</li> <li>• Initial response date/time – the time that the request was initially acted upon by the Awarded Bidder</li> <li>• Trouble Ticket (TT) elapsed time – the time between the resolved date/time and initial response date/time, minus the “pending” elapsed time</li> </ul>		
<b>Metric Inclusions</b>	All Remedy tickets for PBX/Key systems		
<b>Metric Exclusions</b>	Remedy tickets for non-PBX/Key systems		
<b>Service Level</b>	Less than 24 hours		
<b>Calculation</b>	TT elapsed time = ((resolved date/time – initial response date/time) – “pending” elapsed time) < 24		
<b>Data Source/s</b>	Enterprise Remedy System		
<b>Reporting Format/s</b>	<p><u>Preferred Format:</u> PDF</p> <p><u>Report Elements:</u> SUMMARY REPORT – Header to include, but not limited to: SLA, SLA Description, Agency Name, # of Misses, Remedies Paid. DETAILED REPORT – Header to include, but not limited to: SLA, SLA Description, Agency, Remedy PBX/Key Incident ID, Initial Response Date/Time, Resolved Date/Time, TT Elapsed Time</p> <p><u>Detailed Exclusion Report:</u> To include, but not limited to: Requesting Agency, Remedy PBX/Key Incident ID, Incident Request Date/Time, Incident Response Date/Time, Incident Resolved Date/Time, Reason for Exclusion</p>		
<b>Measurement Window</b>	Monthly		

<b>Service Level Reporting Window</b>	Statistics will be provided by the vendor within ten (10) business days after the end of the month measured
<b>Liquidated Damages Calculation</b>	\$100.00 initial charge plus \$10.00 per hour for each additional hour until service is repaired
<b>Agency Recoupment method</b>	Deducted from scheduled payment, shown on invoice

Table 3 SLA #3 Minor Malfunction Response

			Start Date
<b>SLA # 3 – Minor Malfunction Response</b>			
<b>Service Level Description</b>	Minor Malfunction Response		
<b>Service Level Definition</b>	Vendor must respond by arriving at the location of the minor malfunction within 8 hours after notification.		
<b>Service Measurement</b>	Timeliness		
<b>Metric Description</b>	<p>Respond to Remedy incident request by arriving at site of minor malfunction within 8 hours.</p> <ul style="list-style-type: none"> <li>• Create date/time – the time the request was initiated for service</li> <li>• Arrival date/time – the time that the Awarded Bidder arrived at the site</li> <li>• Elapsed time – the arrival date/time minus the create date/time</li> </ul>		
<b>Metric Inclusions</b>	<p>A minor malfunction must be defined as, but not limited to, an occurrence of any or all of the following:</p> <ol style="list-style-type: none"> <li>1) A failure of between 10% and up to 39% of the trunks or a total number of three (3) trunks or greater to function as normally intended.</li> <li>2) A failure of between 10% and up to 39% of the stations or equipment or a total of three (3) stations or greater.</li> <li>3) Any failure of supervisor and answering positions.</li> <li>4) A failure of any equipment, which renders it incapable of functioning as it was intended. This includes features such as, ACD, auto attendant, voice mail, SMDR, etc.</li> <li>5) An indication of minor alarm condition.</li> </ol>		
<b>Metric Exclusions</b>	Remedy tickets for non-PBX/Key systems		
<b>Service Level</b>	Arrive at location of minor malfunction within 8 hrs after notification		
<b>Calculation</b>	Elapsed time = (Arrival date/time – create date/time) < 8 hours		
<b>Data Source/s</b>	Enterprise Remedy System		
<b>Reporting Format/s</b>	<p><u>Preferred Format:</u> PDF</p> <p><u>Report Elements:</u> SUMMARY REPORT – Header to include, but not limited to: SLA, SLA Description, Agency Name, # of Misses, Remedies Paid.            DETAILED REPORT – Header to include, but not limited to: SLA, SLA Description, Agency, Remedy PBX/Key Incident ID, Create Date/Time, Arrival Date/Time, Elapsed Time</p> <p><u>Detailed Exclusion Report:</u> To include, but not limited to: Requesting Agency, Remedy PBX/Key Incident ID, Incident Create Date/Time, Incident Response Date/Time, Incident Resolved Date/Time, Reason for Exclusion</p>		
<b>Measurement Window</b>	Monthly		
<b>Service Level Reporting</b>	Statistics will be provided by the vendor within ten (10) business days after the end of the month measured		

<b>Window</b>	
<b>Liquidated Damages Calculation</b>	\$100.00 initial charge plus \$10.00 per hour for each additional hour until service is repaired
<b>Agency Recoupment method</b>	Deducted from scheduled payment, shown on invoice

Table 4 SLA #4 Major Malfunction Response

			Start Date
<b>SLA # 4 – Major Malfunction Response</b>			
<b>Service Level Description</b>	Major Malfunction Response		
<b>Service Level Definition</b>	Vendor must respond by arriving at the location of the major malfunction within 2 hours after notification.		
<b>Service Measurement</b>	Timeliness		
<b>Metric Description</b>	<p>Respond to Remedy incident request by arriving at site of major malfunction within 2 hours.</p> <ul style="list-style-type: none"> <li>• Create date/time – the time the request was initiated for service</li> <li>• Arrival date/time – the time that the Awarded Bidder arrived at the site</li> <li>• Elapsed time – the arrival date/time minus the create date/time</li> </ul>		
<b>Metric Inclusions</b>	<p>A major malfunction must be defined as, but not limited to, an occurrence of any or all of the following:</p> <ol style="list-style-type: none"> <li>1) A failure of the telephone system, which renders it incapable of performing its normal functions.</li> <li>2) A failure of any or all of the consoles which prevents the telephone system from receiving or transmitting calls.</li> <li>3) A failure of any equipment, which renders it incapable of functioning. This includes features such as ACD, auto attendant, voice mail, paging, SMDR, etc.</li> <li>4) A failure of 40% or more of the trunks to function as they are normally intended to.</li> <li>5) A failure of 40% or more of the stations to function as they are normally intended to.</li> <li>6) An indication of a major alarm condition. .</li> </ol>		
<b>Metric Exclusions</b>	Remedy tickets for non-PBX/Key systems		
<b>Service Level</b>	Arrive at location of major malfunction within 2 hrs after notification		
<b>Calculation</b>	Elapsed time = (Arrival date/time – create date/time) < 2 hours		
<b>Data Source/s</b>	Enterprise Remedy System		
<b>Reporting Format/s</b>	<p><u>Preferred Format:</u> PDF</p> <p><u>Report Elements:</u> SUMMARY REPORT – Header to include, but not limited to: SLA, SLA Description, Agency Name, # of Misses, Remedies Paid. DETAILED REPORT – Header to include, but not limited to: SLA, SLA Description, Agency, Remedy PBX/Key Incident ID, Create Date/Time, Arrival Date/Time, Elapsed Time</p> <p><u>Detailed Exclusion Report:</u> To include, but not limited to: Requesting Agency, Remedy PBX/Key Incident ID, Incident Create Date/Time, Incident Response Date/Time, Incident Resolved Date/Time, Reason for Exclusion</p>		



<b>Measurement Window</b>	Monthly
<b>Service Level Reporting Window</b>	Statistics will be provided by the vendor within ten (10) business days after the end of the month measured
<b>Liquidated Damages Calculation</b>	\$200.00 initial charge plus \$20.00 per hour for each additional hour until service is repaired
<b>Agency Recoupment method</b>	Deducted from scheduled payment, shown on invoice

## Service Level Methodology

### I. General Provisions:

The following terms must have the following meanings:

#### A. General:

- (i) The service levels measure whether the Awarded Bidder has met certain agreed, measurable criteria for the services that the Awarded Bidder is contractually committed to provide to the Commonwealth. The Awarded Bidder must monitor, measure, collect, record and report to the Commonwealth its performance beginning on the service level commencement date and thereafter during the term against all service levels then in effect.
- (ii) This schedule sets forth certain service levels against which the Awarded Bidder's performance of the services must be measured. The Awarded Bidder must perform the services at or above the levels of performance indicated and if the Awarded Bidder fails to do so and is not otherwise excused from such failure, the Awarded Bidder must take the corrective actions and may be subject to the other remedial measures specified in this schedule and the contract.
- (iii) The Awarded Bidder must be responsible for, and have in place as of the applicable service level commencement date, all of the measuring, monitoring and reporting capabilities necessary for measuring, monitoring and reporting the Awarded Bidder's performance against the service levels.
- (iv) Except as otherwise stated, all service levels must be measured by the Awarded Bidder on a twenty-four (24) hours-per-day, (7) days-a-week, three hundred sixty-five (365) days-per-year basis. The Awarded Bidder must report to the Commonwealth its performance against service levels upon the measurement window frequency specified for each service level in schedule
- (v) The Awarded Bidder must promptly investigate and remediate all failures associated with service levels in accordance with Section VII below.
- (vi) The Awarded Bidder must provide the Commonwealth with the performance reporting for the services as specified in this schedule.
- (vii) The Commonwealth will have the right to receive service level credits and ultimately to terminate the services notwithstanding any of the aforesaid efforts of the Awarded Bidder, if and to the extent such rights accrue in accordance with the contract or this schedule.
- (viii) The Commonwealth and the Awarded Bidder will each provide a single point of contact for the prompt resolution of all service level defaults and all failures to provide services to the Commonwealth in accordance with this schedule and the contract.

#### B. Reporting of Performance Measures:

Commencing on the service level commencement date and continuing throughout the term:

- (i) The Awarded Bidder must assemble and create the reports described in this schedule on the performance of the services, in order to assist in the effective management of the services and support the improvement of the service levels as described herein.
- (ii) The Awarded Bidder must provide detailed supporting information for each report to the Commonwealth in electronic form suitable for use on a personal computer, upon request.
- (iii) Commencing with the service level commencement date, within ten (10) business days after the last day of each month during the term, the Awarded Bidder will provide a monthly performance report that reports various metrics, including:
  - a. The Awarded Bidder's performance against and calculations with respect to each service level during the preceding month;
  - b. The Awarded Bidder's performance with respect to each service level as a trend analysis against a thirteen (13) month rolling performance trend report; and

- c. Potential problems of which the Awarded Bidder is aware that could reasonably be expected to result in a failure to meet a service level and remedial actions including summaries of the reports submitted to the Commonwealth.
- (iv) If any monthly performance report provided by the Awarded Bidder to the Commonwealth does not have sufficient detail and accuracy for the Commonwealth to determine whether the Awarded Bidder achieved or failed to achieve the service level for each service level in the immediately preceding measurement window, then the Commonwealth may provide written notice thereof to the Awarded Bidder, for a replacement report. The Awarded Bidder must provide the replacement report to the Commonwealth within ten (10) calendar days after receiving such notice.

## II. Service Level Obligations:

### A. Service Level Obligations:

The metrics, measurement standards, and other pertinent features are described in schedule.

### B. Commencement of Service Level Obligations:

The Awarded Bidder must begin delivering the services in accordance with the service levels as each service offering is procured, maintained, or repaired.

### C. Service Level Defaults, Service Level Termination Event, and Excused Performance:

- (i) Generally: The Commonwealth believes that all service levels are important to the proper support and operation of the Commonwealth's business.
- (ii) Service Level Defaults: The Awarded Bidders performance that results in a service level default must:
  - a. Entitle the Commonwealth to receive a service level credit,
  - b. Result in the Awarded Bidder promptly preparing a written root cause and recovery plan designed to prevent the reoccurrence of such service level default.
- (iii) Excused Performance
  - a. Any occasional request by the Awarded Bidder for temporary SLA relief on a per incident basis must be submitted in advance in writing to the Commonwealth in accordance with the Change Procedures. The Commonwealth must in its sole discretion determine whether SLA relief should be granted and the period of time for such relief (if any), and its decision in this respect must not be subject to dispute resolution.
  - b. The Awarded Bidder's failure to achieve the service level will not constitute a service level default or accrue toward a service level termination event to the extent such failure is excused in accordance with the terms of the contract.

### D. Dispute Resolution:

If, after negotiating in good faith, the Commonwealth and the Awarded Bidder are unable to agree on an equitable adjustment for the service levels within ninety (90) days after completion of the applicable measurement period, either party may escalate the matter in accordance with the dispute resolution procedures set forth in the contract. Until such adjustment is resolved pursuant to such procedures, service level must remain as originally agreed by the Commonwealth and the Awarded Bidder.

### **III. Additions, Modifications, Deletions and Reclassifications of Service Levels:**

#### **A. Additions and Modifications of Service Levels:**

- (i) The Commonwealth may require the Awarded Bidder to modify the definition, metrics, data elements, measurement standards, or other pertinent features of any existing service level, by sending a written request to the Awarded Bidder at least ninety (90) days prior to the date that such modifications are to be effective; provided that the Commonwealth may send such a request (which request may contain multiple changes) not more than once each calendar quarter. The terms and conditions upon which such modifications of metrics are implemented must be subject to the reasonable and mutual agreement of the Commonwealth and the Awarded Bidder and must be determined pursuant to the Change Procedures (in which measurement tools and design changes appropriate to each new service level or modified metric or measurement standard must be negotiated in good faith and agreed). The Awarded Bidder may not withhold its consent to add new service levels or modify the definition, metrics, data elements, measurement standards, or other pertinent features of any existing service levels, but the Awarded Bidder is permitted to negotiate in good faith the implementation specifics for such requested additions and modifications, including equitable adjustments to the charges.
- (ii) For new service levels, the Awarded Bidder must submit its proposal to the Commonwealth for review and approval through the Change Procedures.
- (iii) The Awarded Bidder must begin providing monthly performance measurements within thirty (30) calendar days of Commonwealth approval.

#### **B. Deletions of Service Levels:**

The Commonwealth may delete service levels by sending written notice to the Awarded Bidder at least thirty (30) days prior to the date that such deletions are to be effective.

### **IV. Measuring Tools:**

- A. Commencing on each applicable service level commencement date, the Awarded Bidder must provide, implement, maintain and utilize the necessary measurement and monitoring tools and procedures required to measure and report on the Awarded Bidder's performance of the services against the applicable service levels. The Awarded Bidder's measurement and monitoring of service level performance must permit reporting at a level of detail sufficient to permit the Commonwealth to verify compliance with the service levels, and must be subject to audit by the Commonwealth pursuant to the contract. The Awarded Bidder must provide the Commonwealth with information about and access to such procedures upon request for purposes of verification.
- B. Notwithstanding the foregoing, any new tools required for new service levels added after the effective date must be identified in the Change Request Form or other documentation approving such new service level. In connection therewith, the Awarded Bidder must be obligated to propose a commercially reasonable measuring tool or methodology for a service level, and if it fails to do so, such tool or methodology must be determined by mutual agreement between the Commonwealth and Awarded Bidder.
- C. If, after the effective date or the implementation of tools for new service levels either the Commonwealth or the Awarded Bidder desires to use a different measuring tool or methodology for a service level, it must request such change through the Change Procedures. If the other Party approves the new measuring tool or methodology, the Commonwealth and the Awarded Bidder will reasonably adjust the service level measurements to account for any increased or decreased sensitivity in the new measuring tools. It is not anticipated that changes in the measuring tools or methodologies will drive changes in service levels; rather, the need to collect and accurately reflect the performance data should drive the development or change in measuring tools or methodologies.

**V. Remedies and Waivers:**

The exercise by the Commonwealth of its rights under this schedule, including the right to receive service level credits must be without prejudice to its other rights or remedies under the contract or at law or equity, including the Commonwealth's right to claim and collect damages and the Commonwealth's right to terminate the contract in whole or in part in accordance with the contract.

**VI. Annual Review:**

Within twelve (12) months after each applicable service level commencement date, and at least annually thereafter (after all initial service level commencement dates have passed, the Commonwealth and Awarded Bidder must agree to synchronize to a single date for future use), or at the request of either the Commonwealth or the Awarded Bidder, the Awarded Bidder and the Commonwealth will review the service levels and any proposed adjustments to them as appropriate pursuant to the Change Control Procedures to reflect any improved performance capabilities associated with advances in the technology and methods used to perform the services or material changes in volumes and metrics used to determine the service levels. The Commonwealth and the Awarded Bidder will also review any other considerations relating to the service levels raised by either the Commonwealth or the Awarded Bidder. As part of this review process, the Commonwealth and the Awarded Bidder may:

- A. jointly determine and agree on the addition and/or removal of service levels,
- B. revise the categorization of service levels,

**VII. Investigation and Correction:**

The Awarded Bidder must promptly investigate and correct each failure to meet the service levels (whether or not such failure constitutes a service level default) by:

- A. Promptly initiating problem investigations;
- B. Promptly reporting problems and findings to the Commonwealth;
- C. Correcting problems and meeting or restoring service levels as soon as practicable;
- D. Advising the Commonwealth of the root cause of problems and the status of remedial efforts being undertaken with respect to such problems;
- E. Providing reasonable evidence to the Commonwealth that the causes of such problems have been or will be corrected; and
- F. Making written recommendations to the Commonwealth for improvement in procedures.

## Appendix H – Change Request Form

<b>Change Request Number and Name:</b>	PBX_CCR_	<b>Related CR/Contract Section #:</b>				
<b>Date Created:</b>		<b>Date Submitted to COPA:</b>				
<b>Description (Brief):</b>						
<b>Priority:</b>	_____ URGENT	_____ ORDINARY	_____ LOW			
<b>Status: (Please Check)</b>	Approved	Pending	Rejected	Cancelled	Completed	On Hold
<b>Category: (Please Check)</b>	Data Ops	Voice Ops	Security	ISS	Support	
<b>REQUESTOR INFORMATION</b>						
<b>Requestor:</b>						
<b>Requestor Email:</b>						
<b>Requestor Phone Number:</b>						
<b>Date Change Requested:</b>						
<b>COPA CONTACT INFORMATION</b>						
<b>COPA Contact:</b>						
<b>COPA Email:</b>						
<b>COPA Phone Number:</b>						
<b>Date Submitted:</b>						
<b>Target Date:</b>						
<b>SERVICES AFFECTED</b>						
<b>Service Name:</b>						
<b>Product Code:</b>	Code:	_____ New Service	_____ Change Existing Service			
<b>FOR EACH PRODUCT CODE</b>						
<b>Unit Price:</b>						
<b>Amt of Increase/Decrease:</b>						
_____ Increase * - (Reference Cost Impact Study)	_____ Decrease * - (Reference Cost Impact Study)	_____ Revised	_____ New Catalog Entry – Add new codes to Product Cat.	_____ No Unit Price Change		
<b>COST IMPACT</b>						
<b>Cost Impact – (None, brief description or attached doc):</b>						
<b>Technology: (check all that apply):</b>	_____ New	_____ Revised	_____ Hardware	_____ Software		
<b>SAP Account Information, if applicable:</b>	<b>SAP Fund:</b>			<b>SAP Cost Center:</b>		
<b>Performance Impact:</b>						
<b>Business Justification:</b>						
(*) NOTE: All statements that affect billing must be immediately forwarded to the Comptroller upon acceptance						

**Commonwealth of PA**

**Awarded Bidder**

\_\_\_\_\_  
Lanny Black, Director  
Commonwealth Telecommunications Services

\_\_\_\_\_  
\_[printed name, title]\_\_\_\_\_  
\_[company, division]\_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

## Appendix H – Change Request Form

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### CHANGE PROCEDURES

#### I-1. General

This schedule describes the process and procedures to be followed by the Commonwealth and the Awarded Bidder to make a change (the "**Change Procedures**"). The Commonwealth or the Awarded Bidder may, by joint agreement, amend or waive any part of the Change Procedures including, but not limited to, where the Commonwealth or the Awarded Bidder agree that shorter or longer time frames are more appropriate.

#### I-2. Objectives

The objectives of the Change Procedures are as follows:

- A. to review each request for a change (a "**Change Request**") to determine whether such change is appropriate;
- B. to determine whether a change is within the scope of the services or constitutes a new service or is considered to be a change to the in-scope services without constituting a change in the scope;
- C. to prepare a more detailed proposal to implement a Change Request (such proposal, a "**Change Proposal**");
- D. to prioritize all Change Requests and Change Proposals;
- E. to minimize the risk of exceeding both time and cost estimates, if any, associated with the requested change by identifying, documenting, quantifying, controlling, managing and communicating:
  - (i) Change Requests,
  - (ii) the preparation of Change Proposals, and
  - (iii) their disposition;
- F. to identify the different roles, responsibilities and actions that will be assumed and taken by the Commonwealth and the Awarded Bidder to define and implement the changes; and
- G. to document a change whether or not such change results in any extra charge.

The Commonwealth and the Awarded Bidder will be responsible for all costs and expenses incurred by its employees, agents and subcontractors with respect to its participation in, and responsibilities and obligations under, Change Procedures, unless expressly agreed otherwise in writing by the Commonwealth and the Awarded Bidder.

#### II-1. Change Requests

The Commonwealth or the Awarded Bidder may initiate a Change Request by delivering to the other's Project Manager or his/her nominated representative a document (a "**Change Request Form**") that describes the change and sets forth the reasons for it. Such Change Request Form will be the same or similar to that set forth in "**Change Request Form**". Commonwealth will assign a unique number to any such request and will register the Change Request in the Change Request Log as described in Section III-1 below. Each Change Proposal that may be prepared for a Change Request will be tracked by reference to the Change Request to which it relates.

The Commonwealth's and the Awarded Bidder's respective Project Manager or his/her nominated representatives will be responsible for reviewing and considering any Change Request, and will approve it for further investigation, if deemed necessary. If the Commonwealth and the Awarded Bidder agree that the Change Request requires further investigation, the Project Managers will authorize such investigation, which will be performed as required by the Awarded Bidder and/or Commonwealth. In accordance with Section III below, the Commonwealth Project Manager (with review and concurrence from the Awarded Bidder's Project Manager) will be responsible for keeping up to date the status of each Change Request in the Change Request Log as the status of the Change Request changes through the Change Procedures.

## Appendix H – Change Request Form

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### II-2. Effectiveness of a Change

#### A. Signed Change Orders:

Upon the signature of a Change Proposal by both Project Managers, the contents of such Change Proposal will be deemed to be agreed and incorporated into the contract on the date of the last signature or as the Commonwealth and the Awarded Bidder may otherwise agree (each such accepted Change Proposal will become a “**Change Order**”). All services added or modified by a Change Order will be “Services” under the contract, and the performance of Change Orders will in all respects be governed by the contract. Except as expressly provided herein, no part of the discussions or interchanges between the Commonwealth and the Awarded Bidder will be obligated to approve any change or will constitute an amendment or waiver of the contract unless and until reflected in a Change Proposal and adopted in accordance with this agreement.

Neither the Commonwealth nor the Awarded Bidder will have any obligation to commence or comply with any change, perform services that would be covered by any change, or pay any charges that would be covered by any change, until such time as the Project Managers have signed the appropriate Change Order.

#### B. Acceptance Criteria:

The Commonwealth’s acceptance of, and payment for, work under other Change Orders will be subject to the Commonwealth’s approval that such work materially complies with the mutually agreed objective acceptance criteria set forth in the Change Order during an acceptance period designated in the Change Order. If the Awarded Bidder’s work under a Change Order does not comply, the Awarded Bidder will correct such work and resubmit the change for the Commonwealth’s acceptance.

### III-1. Change Request Log

#### A. The Commonwealth will maintain the Change Request Log which will consist of the following fields:

- (i) number of the Change Request;
- (ii) name of the originating Party;
- (iii) a brief description of the change;
- (iv) the current status of the change; and
- (v) the date of registration of the Change Request in the Change Request Log.

#### B. The Commonwealth will provide the Change Request Log to the Awarded Bidder upon request.

#### C. The status of the Change Request at any stage in Change Procedures will be one of the following:

- (i) approved (i.e., change request is approved for signature)
- (ii) pending (i.e., )
- (iii) rejected (i.e., )
- (iv) cancelled (i.e., change request is no longer required)
- (v) completed (i.e., change request has been signed and awaiting implementation)
- (vi) on hold (i.e., progress is temporarily halted)



# Appendix I – Cable Management Form

SECTION 1			
Agency:		Building Number:	
Building Address:		State Service Order (ESMS):	
Maintenance Vendor/Technician:		Maintenance Date:	
Technician Comments:		Service Provider:	
Circuit Carrier:			
SECTION 2			
Billing Telephone #:		WTN /Circuit #:	
Type of Service:		Cable System Type:	
2 or 4 Wire Circuit:		LEC Office Equipment:	
LEC Primary Cable:		LEC Primary Patch Panel/Block:	
LEC Primary Port/Pair:		LEC Secondary Cable:	
LEC Secondary Patch Panel/Block:		LEC Secondary Port/ Pair:	
Ext. Demark Primary Cable:		Ext. Demark Primary Patch Panel/Block:	
Ext. Demark Primary Port/Pair:		Ext. Demark Secondary Cable:	
Ext. Demark Secondary Patch Panel/Block:		Ext. Demark Secondary Port/Pair:	
SECTION 3			
MDF Cable:		MDF Patch Panel/Block:	
MDF Port/Pair:		IDF Floor:	
IDF ID:		IDF Cable:	
IDF Patch Panel/Block:		IDF Port/Pair:	
Station Cable:		Station Patch Panel/Block:	
Station Port/Pair:		Station Jack Number:	
Station Cable Category:			

**COSTARS PROGRAM QUESTIONNAIRE**

If your firm is awarded a Contract, does it agree to sell the awarded items/services at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to registered COSTARS Members who elect to participate in the contract? If your answer is "YES", your firm agrees to pay the applicable Administrative Fee (\$1500 or \$500 for Qualified Small Businesses) upon contract award and each contract renewal date.

Please Answer:            YES \_\_\_\_\_    NO \_\_\_\_\_

If you are asserting that your firm is a Qualified Small Business, have you completed, signed and included with your bid the required Department of General Services Small Business Certification form?

Please Answer:            YES \_\_\_\_\_    NO \_\_\_\_\_

\_\_\_\_\_  
Corporate or Legal Entity Name

\_\_\_\_\_  
Signature/Date

\_\_\_\_\_  
Printed Name/Title

**DEPARTMENT OF GENERAL SERVICES  
SMALL BUSINESS CERTIFICATION**

*If the Bidder/Offeror is a Qualified Small Business, the Bidder/Offeror must complete, sign and submit the following certification with its Bid/Proposal.*

I, \_\_\_\_\_, being the \_\_\_\_\_ [title] of \_\_\_\_\_ [Contractor], ("Contractor") do hereby certify and represent to the Commonwealth of Pennsylvania ("Commonwealth") that:

- 1. Contractor is not a subsidiary of another firm.  Yes  No
- 2. Contractor is not dominant in its field of operation.  Yes  No
- 3. Contractor employs no more than 100 full-time or full-time equivalent employees.  Yes  No

Total Number of Full-time or Full-time Equivalent Employees on Payroll \_\_\_\_\_

- 4. Contractor earned less than \$20,000,000 in gross annual revenues (\$25,000,000 in gross annual revenues for those businesses in the information technology sales or service business) in each of its last two fiscal years.  Yes  No

Gross Annual Revenues in its Last Fiscal Year \$ \_\_\_\_\_  
 Gross Annual Revenues in its Preceding Fiscal Year \$ \_\_\_\_\_

- 5. If Contractor is a new business (less than 1 year), Contractor has an approved business plan by the Small Business Development Center or by a Pennsylvania Enterprise Center authorized by the Minority Development Agency of the United States Department of Commerce.  Yes  No
- 6. The information and certifications provided by Contractor are material and important and will be relied upon by the Commonwealth in awarding the contract. The Department shall treat any misstatement as fraudulent concealment of the true facts punishable under Section 4904 of the Pennsylvania Crimes Code, Title 18, of Pa. Consolidated Statutes.

Attest or Witness:

\_\_\_\_\_  
Corporate or Legal Entity's Name

\_\_\_\_\_  
Signature/Date

\_\_\_\_\_  
Signature/Date

\_\_\_\_\_  
Printed Name/Title

\_\_\_\_\_  
Printed Name/Title



# Commonwealth of Pennsylvania

Date: **08/13/2012**  
Subject: **IFB - PBX & Key Telephone Systems**  
Solicitation Number: **6100022456**  
Opening Date/Time: **08/31/2012 4:00 PM**  
Addendum Number: **1**

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To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation "Addendum" as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

*List any and all changes:*

The following changes are being made to the Calendar of Event listed on Page 3 of the IFB: The Commonwealth has extended the due date of the IFB until Friday, August 31, 2012 at 4:00pm. The Commonwealth has extended the posting date for the answers to questions until Wednesday, August 15, 2012 by 4:00pm..

**For electronic solicitation responses via the SRM portal:**

- Attach this Addendum to your solicitation response. Failure to do so may result in disqualification.
- To attach the Addendum, download the Addendum and save to your computer. Move to 'My Notes', use the "Browse" button to find the document you just saved and press "Add" to upload the document.
- Review the Attributes section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

**For solicitations where a "hard copy" (vs. electronic) response is requested:**

- Attach this Addendum to your solicitation response. Failure to do so may result in disqualification.
- If you have already submitted a response to the original solicitation, you may either submit a new response, or return this Addendum with a statement that your original response remains firm, by the due date to the following address:

Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Very truly yours,

Name: Joseph M. Millovich  
Title: Commodity Specialist  
Phone: 717-214-3434  
Email: RA-OITPurchases@state.pa.us



# Commonwealth of Pennsylvania

Date: **08/15/2012**  
Subject: **IFB - PBX & Key Telephone Systems**  
Solicitation Number: **6100022456**  
Opening Date/Time: **08/31/2012 4:00 PM**  
Addendum Number: **2**

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To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation "Addendum" as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

*List any and all changes:*

The following documentation has been added to this IFB as part of this addendum:

Questions and Answers

**For electronic solicitation responses via the SRM portal:**

- Attach this Addendum to your solicitation response. Failure to do so may result in disqualification.
- To attach the Addendum, download the Addendum and save to your computer. Move to 'My Notes', use the "Browse" button to find the document you just saved and press "Add" to upload the document.
- Review the Attributes section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

**For solicitations where a "hard copy" (vs. electronic) response is requested:**

- Attach this Addendum to your solicitation response. Failure to do so may result in disqualification.
- If you have already submitted a response to the original solicitation, you may either submit a new response, or return this Addendum with a statement that your original response remains firm, by the due date to the following address:

Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Very truly yours,

Name: Joseph M. Millovich  
Title: Commodity Specialist  
Phone: 717-214-3434  
Email: RA-OITPurchases@state.pa.us

**QUESTIONS AND ANSWERS FOR  
INVITATION FOR BID FOR  
PBX & KEY TELEPHONE SYSTEMS (6100022456)**

Number	Question	Answer
1	(Section II-3, B-3) Can you provide an example of the Facsimile and Form Software you are asking for?	No. This statement is requiring that the software provided with the system be able to support the functions identified.
2	What are the criteria for small, medium and large Key Systems and PBX? Are there standard line and station size configurations that you are looking for in the Cost Matrix?	<p>The base criteria for each size telephone system is as follows:</p> <p>Small: up to 100 Medium: 101 to 250 Large: 250 and up</p> <p>It is important to note that each manufacturer may have different specifications for each size of telephone system. The Commonwealth does not favor one manufacturer over another. The notation of small, medium and large is to merely state that the Commonwealth will have different requirements based on size of telephone systems.</p>
3	(Section II-3, B-8) Where can I find information on what the Commonwealth's Voice over Internet Protocol solution and telephone devices are?	<p>The statement in Section II-3, B-8 was made to make all vendors aware that the Commonwealth will be leveraging a VOIP platform for the enterprise going forward. The CoPA solution and devices are defined at the site.</p> <p><a href="http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642">http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642</a></p>
4	<p>Is there a base quantity we should use for each system size?</p> <p>Small Key Telephone system    Phones___ Lines ____</p> <p>Medium Key Telephone system    Phones___ Lines ____</p> <p>Large Key Telephone system    Phones___ Lines ____</p> <p>Small PBX Telephone system    Phones___ Lines ____</p> <p>Medium PBX Telephone system    Phones___ Lines ____</p> <p>Large KPBX Telephone system    Phones___ Lines ____</p>	Refer to the answer to question number 2.

5	What determines the size requirements for small, medium and large Key Systems and PBX systems? We need more specific port counts on phones and trunks and voice mails requirements in order to do configurations. Each vendor should be sizing the same configuration in order to be competitive.	Refer to the answer to question number 2.
6	You mention IVR capability in the IFB. What size IVR and what applications will be running on the system?	This would be determined by the agency that is purchasing equipment via this contract & the processes they are supporting.
7	We respectfully request an extension in the response due date by 4 weeks, until Sept. 14, 2012. We believe the response is important enough to warrant the additional time.	The Commonwealth has extended this IFB until August 31, 2012.
8	(Section II-3. B-8) Please explain this statement including an explanation of the "Commonwealth's VoIP solution".	Telephone systems being provided must be able to send and receive VoIP .. The CoPA solution and devices are defined at the site. <a href="http://www.oa.state.pa.us/portal/server.pt/community/pe nn_connect/20642">http://www.oa.state.pa.us/portal/server.pt/community/pe nn_connect/20642</a>
9	Requesting an extension of the due date for this IFB. We feel two weeks is not enough time to submit a complete response.	The Commonwealth has extended this IFB until August 31, 2012.
10	On the state web portal for the bid, when I created a response there is one line item. It lists local and long distance services not PBX & Key Telephone Systems. Is this just a mistake? Do you want a dollar amount entered here or just on the documents provided in the bid?	Line item #1, Bid Package Total, within the PASupplierPortal may intentionally be left blank. The costs for PBX & key telephone systems, equipment and other related services must be specified and attached using Appendix C – Cost Matrix.
11	Please let me know if you can provide an estimated budget for this contract.	There is no estimated budget at this time.
12	(Section II-3. D-2) Does this requirement refer to extending the demarc beyond 295 feet? Provide an example of why this would be required. Provide a distance beyond 295 feet so a price can be determined.	In a campus type environment you may have one demarc in one building for several buildings. Cabling beyond the normal distance would be needed in this scenario. A price per ft or such over 295 feet would be acceptable.
13	Will SLAs apply only to new systems covered by warranty and maintained systems?	Yes, the SLAs will apply to both new systems with a warranty and systems that are in a maintenance mode.
14	Is COSTARS participation mandatory?	No.
15	Can the Cost Matrix-Appendix C be uploaded?	Yes, see I-18 "Attaching Follow-On Documents to your Bid".
16	Is there a maximum file size limitation for an upload to the PASupplierPortal?	There is no file size limitation.
17	What companies are currently on the Commonwealth of Pennsylvania PBX and Key System contracts?	The Commonwealth does not currently have contracts for PBX and key telephone systems, equipment and other related services. All information related to the expired contracts can be found on the eMarketplace website (reference contract number 5805-55).
18	How much business was conducted over the life of those contracts? And what was the time period of these contracts?	The total cost of the expired contracts is unknown at this time. The time period for those expired contracts was January 1, 2007 through March 31, 2012
19	Will the Commonwealth be providing specifics as to line size, trunking, applications, etc. for each of the six systems to be proposed? Page 14 of the IFB specifies the Telephone Systems must meet a minimum redundancy level, please specify if this redundancy is required in the smaller (key) systems.	Refer to the answer to question number 2.  Redundancy is required for all PBX telephone systems, regardless of its size, however, key telephone systems do not require redundancy.

20	(Section II-3. B-8) The IFB states that Telephone Systems must be compatible with the Commonwealth's VoIP system. What VoIP System does the Commonwealth currently have and what sort of compatibility would you be looking for?	Refer to the answer to question number 3.
21	Is there a separate document indicating the required response format? If so, where can it be found?	The following documentation is attached to the IFB and available via the eMarketplace and PASupplierPortal websites. Each document must be completed and attached to your bid: Appendix B - State of Manufacture Chart Appendix C - Cost Matrix Appendix D - Lobbying Certification Form Appendix E - Disclosure of Lobbying Activities Appendix J - COSTARS Program Questionnaire Appendix K - COSTARS Small Business Certification Manufacturer Authorization Letter(s) (if applicable)
22	(Section II-3, B) Can you give an idea of what is a small, medium and large phone system (current systems)?	Refer to the answer to question number 2.
23	Are you deploying VMWare in your data center? If yes, are you willing to deploy Mitel Virtualization Solution in your Datacenter?	Yes, the Commonwealth's Data Center currently deploys VMWare. No, not at this time.
24	Are you looking for carrier services pricing also on T-1 circuits, MPLS or CO trunks?	No.
25	Can I submit one spreadsheet that covers all the design and if so how do I specific that is what I am doing? In reality the system size (small, medium, large) is not the consideration in today's technology, it is more specific to applications required, so any one of the platforms proposed may be necessary to meet end-user requirements.	No. Please follow directions of Appendix C – Cost Matrix.
26	I have a large amount of data to enter into the Cost Data Matrix and the cells on the sheet are locked. I want to cut and paste info and I am unable?	A Bidder must submit its bid for telephone systems, equipment and other related services following the format specified within Appendix C – Cost Matrix, as the Appendix C – Cost Matrix has been protected to ensure the uniformity of the data received from all Bidders.
27	(Page 15) Cannot find anywhere in the IFB documentation what constitutes small, medium and large configuration for the telephone systems. This also does not appear in the cost matrix – Appendix C other than a main title.	Refer to the answer to question number 2.
28	(Section II-3. B-8) Does not define what the Commonwealth's VoIP solution and telephone devices are? Does the installed systems have to communicate with this network? If so, what are the particulars of the VoIP system now being used?	Telephone systems being provided must be able to send and receive VoIP. Installed systems must be able to connect via the COs. The CoPA solution and devices are defined at the site. <a href="http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642">http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642</a>





# Commonwealth of Pennsylvania

Date: **08/17/2012**  
Subject: **IFB - PBX & Key Telephone Systems**  
Solicitation Number: **6100022456**  
Opening Date/Time: **08/31/2012 4:00 PM**  
Addendum Number: **3**

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To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation "Addendum" as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

*List any and all changes:*

The following documentation has been added to this IFB as part of this addendum:

Addendum #3 Questions & Answers  
Appendix L - PBX & Key Telephone System Data

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- Review the Attributes section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

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Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Very truly yours,

Name: Joseph M. Millovich  
Title: Commodity Specialist  
Phone: 717-214-3434  
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**QUESTIONS AND ANSWERS FOR  
INVITATION FOR BID FOR  
PBX & KEY TELEPHONE SYSTEMS (6100022456)**

Number	Question	Answer
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2	What are the criteria for small, medium and large Key Systems and PBX? Are there standard line and station size configurations that you are looking for in the Cost Matrix?	<p>The base criteria for each size telephone system is as follows:</p> <p>Small: up to 100 Medium: 101 to 250 Large: 250 and up</p> <p>It is important to note that each manufacturer may have different specifications for each size of telephone system. The Commonwealth does not favor one manufacturer over another. The notation of small, medium and large is to merely state that the Commonwealth will have different requirements based on size of telephone systems.</p>
3	(Section II-3, B-8) Where can I find information on what the Commonwealth's Voice over Internet Protocol solution and telephone devices are?	<p>The statement in Section II-3, B-8 was made to make all vendors aware that the Commonwealth will be leveraging a VOIP platform for the enterprise going forward. The CoPA solution and devices are defined at the site.</p> <p><a href="http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642">http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642</a></p>
4	<p>Is there a base quantity we should use for each system size?</p> <p>Small Key Telephone system    Phones___ Lines ____</p> <p>Medium Key Telephone system    Phones___ Lines ____</p> <p>Large Key Telephone system    Phones___ Lines ____</p> <p>Small PBX Telephone system    Phones___ Lines ____</p> <p>Medium PBX Telephone system    Phones___ Lines ____</p> <p>Large KPBX Telephone system    Phones___ Lines ____</p>	Refer to the answer to question number 2.

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9	Requesting an extension of the due date for this IFB. We feel two weeks is not enough time to submit a complete response.	The Commonwealth has extended this IFB until August 31, 2012.
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12	(Section II-3. D-2) Does this requirement refer to extending the demarc beyond 295 feet? Provide an example of why this would be required. Provide a distance beyond 295 feet so a price can be determined.	In a campus type environment you may have one demarc in one building for several buildings. Cabling beyond the normal distance would be needed in this scenario. A price per ft or such over 295 feet would be acceptable.
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14	Is COSTARS participation mandatory?	No.
15	Can the Cost Matrix-Appendix C be uploaded?	Yes, see I-18 "Attaching Follow-On Documents to your Bid".
16	Is there a maximum file size limitation for an upload to the PASupplierPortal?	There is no file size limitation.
17	What companies are currently on the Commonwealth of Pennsylvania PBX and Key System contracts?	The Commonwealth does not currently have contracts for PBX and key telephone systems, equipment and other related services. All information related to the expired contracts can be found on the eMarketplace website (reference contract number 5805-55).
18	How much business was conducted over the life of those contracts? And what was the time period of these contracts?	The total cost of the expired contracts is unknown at this time. The time period for those expired contracts was January 1, 2007 through March 31, 2012

19	Will the Commonwealth be providing specifics as to line size, trunking, applications, etc. for each of the six systems to be proposed? Page 14 of the IFB specifies the Telephone Systems must meet a minimum redundancy level, please specify if this redundancy is required in the smaller (key) systems.	Refer to the answer to question number 2.  Redundancy is required for all PBX telephone systems, regardless of its size, however, key telephone systems do not require redundancy.
20	(Section II-3. B-8) The IFB states that Telephone Systems must be compatible with the Commonwealth's VoIP system. What VoIP System does the Commonwealth currently have and what sort of compatibility would you be looking for?	Refer to the answer to question number 3.
21	Is there a separate document indicating the required response format? If so, where can it be found?	The following documentation is attached to the IFB and available via the eMarketplace and PASupplierPortal websites. Each document must be completed and attached to your bid: Appendix B - State of Manufacture Chart Appendix C - Cost Matrix Appendix D - Lobbying Certification Form Appendix E - Disclosure of Lobbying Activities Appendix J - COSTARS Program Questionnaire Appendix K - COSTARS Small Business Certification Manufacturer Authorization Letter(s) (if applicable)
22	(Section II-3, B) Can you give an idea of what is a small, medium and large phone system (current systems)?	Refer to the answer to question number 2.
23	Are you deploying VMWare in your data center? If yes, are you willing to deploy Mitel Virtualization Solution in your Datacenter?	Yes, the Commonwealth's Data Center currently deploys VMWare. No, not at this time.
24	Are you looking for carrier services pricing also on T-1 circuits, MPLS or CO trunks?	No.
25	Can I submit one spreadsheet that covers all the design and if so how do I specific that is what I am doing? In reality the system size (small, medium, large) is not the consideration in today's technology, it is more specific to applications required, so any one of the platforms proposed may be necessary to meet end-user requirements.	No. Please follow directions of Appendix C – Cost Matrix.
26	I have a large amount of data to enter into the Cost Data Matrix and the cells on the sheet are locked. I want to cut and paste info and I am unable?	A Bidder must submit its bid for telephone systems, equipment and other related services following the format specified within Appendix C – Cost Matrix, as the Appendix C – Cost Matrix has been protected to ensure the uniformity of the data received from all Bidders.
27	(Page 15) Cannot find anywhere in the IFB documentation what constitutes small, medium and large configuration for the telephone systems. This also does not appear in the cost matrix – Appendix C other than a main title.	Refer to the answer to question number 2.
28	(Section II-3. B-8) Does not define what the Commonwealth's VoIP solution and telephone devices are? Does the installed systems have to communicate with this network? If so, what are the particulars of the VoIP system now being used?	Telephone systems being provided must be able to send and receive VoIP. Installed systems must be able to connect via the COs. The CoPA solution and devices are defined at the site. <a href="http://www.oa.state.pa.us/portal/server.pt/community/pen_connect/20642">http://www.oa.state.pa.us/portal/server.pt/community/pen_connect/20642</a>

29	(Section II-3, B-7) Are the telephone system requirements required for Small, Medium, Large Key Telephone Systems as well as Small, Medium, Large PBX Telephone Systems?	At minimum, mandatory requirements on small key systems are VoIP capability, lightning protection & one (1) hour battery backup power. All other systems must meet the system requirements listed in Section II-3, B-7.
30	(Section II-3, B-8) Please confirm the Commonwealth's Voice over IP solution and telephone devices (equipment manufacture, equipment model and software revision).	The CoPA VoIP solution and devices are defined at the site. <a href="http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642">http://www.oa.state.pa.us/portal/server.pt/community/penn_connect/20642</a>
31	(Section II-3, D-2) Will the Costs (Labor & Services) tab with-in the Appendix C-Cost Matrix be an appropriate location for the pricing of cable runs which exceed 295 feet? There is no field currently in the Appendix C-Cost Matrix for cable runs.	No, the cost for cable runs which exceed 295 must be specified for each telephone system. Specify the cost for these cable runs on the sheets labeled Sm., Med., Lg. Telephone System(s).
32	(Section II-3, D-3) Will the cable run for the "power failure jack" be provided by the Commonwealth or will the bidder be required to provide this cable run at each location? If the bidder is required to provide this cable run, please provide the distance from the telephone system to the termination point for each location required and the total number of locations in each zone.	Awarded bidder will provide cable run for which length will vary per site. Depending on the needs of the customer, each installation will dictate if new power failure jack(s) installations are needed. Estimate the cost of the cable by submitting a cost per linear foot. Estimate the cost of the termination hardware per unit price.
33	(Section II-3, D-5) Are the cabling records for each location currently up-to-date? Or will the awarded bidder be responsible for labeling and documenting the cable at each location?	Cable records exist for most locations, however, they may not be up to date. Awarded Bidder(s) will be responsible for labeling cables or maintaining cable records only at locations where work is performed. A separate request may be submitted for toning and tagging services at the Agency's discretion.
34	(Section II-3, D-10) Please provide a list of the number location in each zone and the number of expected cable runs at each location.	Please see Appendix L – PBX & Key Telephone System Data. The expected number of cable runs cannot be determined at each location at this time.
35	Please provide a list of the physical address of each Commonwealth location in each zone.	Please see Appendix L – PBX & Key Telephone System Data as it contains the physical address of each location and the zone.
36	(Section II-3, E-1) Does this include existing telephone systems, not installed by the awarded bidder? If the awarded bidder is required to maintain existing telephone systems, not installed by the awarded bidder, please provided a list of the existing telephone systems, their physical address and zone number.	The awarded bidder will be responsible for maintaining existing telephone systems. Please see Appendix L – PBX & Key Telephone System Data.
37	(Section II-3, E-2) Are any of the existing telephone systems currently covered under warranty? Is the awarded bidder required to maintain software on existing telephone systems, not installed by the awarded bidder, that are currently under warranty? If the awarded bidder is required to maintain software on current telephone systems, not installed by the awarded bidder, that are covered under warranty, please provide a list of telephone system types, model numbers, warranty information, current software revision and physical address.	Warranty information is not kept in the system – each individual Agency keeps that information. There is an activation date with Appendix L - PBX & Key Telephone System Data.

38	(Section II-3, F-1) Is training required to include all available telephone system options or is training covering the site specific telephone system and options?	Training should be specific to the site's telephone system. A list of all features of that telephone system may be provided as long as an inventory of what options the specific system has is included.
39	Please provide the Commonwealth's definition of a Small Key Telephone System, Medium Key Telephone System, Large Key Telephone System, Small PBX Telephone System, Medium PBX Telephone System and Large PBX Telephone System. (i.e. number of digital stations, number of IP stations, number of analog stations, number / type of CO circuits, etc.)	Refer to the answer to question number 2.









