SAP ERP System

- 1. Double-click on SAP Logon icon to open SAP ERP system.
- 2. SAP User Credentials will be used for login to system
- 3. Authorized user will create Project for Infrastructure Development work for release of New Connections.
- 4. Authorized user will create PO (Purchase Order) i.e. Work Order for Infrastructure Development work for release of New Connections.

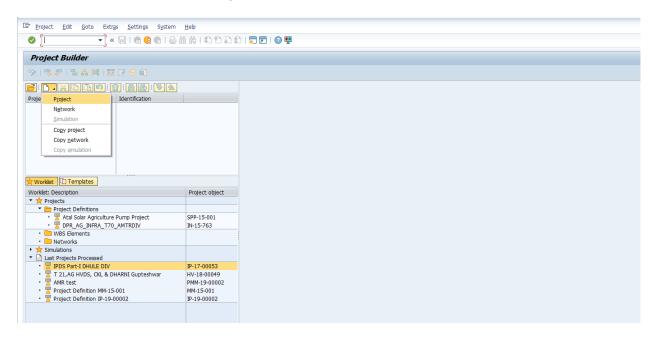
<u>Guidelines for creation of Project in ERP for Infrastructure</u> <u>Development for New Connection scheme</u>

Step1. Creation of Project in PS module of SAP ERP system

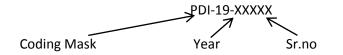
Creation of Project: CJ20N

1. Run T-code CJ20N

2. Click on "New" to create new Project



3. Enter project no as per following format and click on search option to select next open serial no.



Project Builder		
🧇 I 🤹 🌮 I 🖬 🗛 DE I 🎞	I 🕑 💿 🖬	
	Image: Search area Start value Finish value PDI-19-00001 Finish value PDI-19-00225	Identification and vew selection Project Def. Detail Basic data Control Accounting Planning profile Sted.scounting Planning profile PartmeDetermProced. PartmethyLosic PartmethyLosic PartmethyLosic PartmethyLosic Othor walkaed stock Otharkaed stock
Worklist Templates		
Templates: Name	Project object	

4. Enter Description and select project profile.

Project Builder	
** ** ** = # # = @ @ @	
	Identification and view selection
Project Structure: Description Identification	Project Def. PMM-19-00003 Test Project
	Detal: Overview(s): <td< th=""></td<>
	Basic data Control Administration Long Text Cust. enhancement Collect. PR Indicators
	Project Profile Full Turnkey
	Accounting Planning dates
	Budget Profile Network profile T Planning profile Sched. scenario Free scheduling T
	Investment profile Plan.meth/basic
	PartnerDetermProced.
	Project stock
	ONo project stock ONon-valuated stock
	O Valuated stock
Worklist Templates	
Templates: Name Project object	
Projects	
 ★ Standard Templates 	

5. Enter Plant and profit center

Project Builder			
% % 위 권 유 배 표	i 📝 🧐 🗊		
		Identification and view selection	
Project Structure: Description • NSC	Identification PDI-19-00225	Project Def. EDI-19-00225 THSC Detai: Corriew(s):	
		Basic data Control Administration Partner Lor	ng Text Cust. enhancement Collect. PR Indicators
		Status System Status CRID User status CRID	
		Project coding mask	
		Screen PDI-00-00000.00.00	
		Responsibilities	Organization
		Tender Floater DPR Approver	CO area 1000 Company code 1000 Plant D675
		Dates	Profit Center 3064
		Start date 06.11.2019	Proj.currency IIIR
		Finish date	
🗙 Worklist 🚺 Templates		Factory calend. IN Time unit DAY	
Templates: Name	Project object	Time unic Dici	
 Tudividual Objects Projects 			
Project Definitions BY WBS Elements			
Networks Standard Templates			

6. Fill details in Custom Enhancement Tab

Project Builder:	Project PDI-19-0	0225						
🤣 🤻 🌮 🖬 🗛 🔤 🎞	i 📝 🕥 🖬							
	n (* * * * * * * * * * * * * * * * * * *		Identification and vi	iew selection				
Project Structure: Description	Identification		Project Def.	PDI-19-00225		NSC		
▼ 🗏 NSC	PDI-19-00225		Detail:					
TOP WBS	PDI-19-00225		Overview(s):					
			Basic data	Control Adminis	tration Pa	artner Long Text	Cust. enhancement	Collect. PR Indicators
			Phase I	Tendor No	T-03			*
			Zone Z069	Nagpur Zone				
			Circle C699	Nagpur Urban Cir				
			Division D675	NAGPUR MAHAL	DIVISION			
			MERC Approval No.		_			
			MERC Approval Dat					
			Board Resolution No		Resolution D	ate		
			Cost Approved In P	Principally By MERC(1	n Rupees)			
			Tendor Cost in Rs.					
			Value of Contract A	-	d)			
			% Quoted Rate By	Contractor				
			Funding Agency					
			Loan Amount Sanc					
			Additional Loan Am					
🔆 Worklist			Total Loan Amt. Sa					
Templates: Name	Project object		Loan No./Scheme (Code		lidity Date		
Individual Objects			LOA Number			sued Date		
 Projects 			Project Completion	Date		te Of Project Completi	on	
Project Definitions WBS Elements			Payment Terms			Of GOM		
VBS Elements Networks			BG Reference		BG Am	nount(In Rupees)		
 Standard Templates 			Agreement Date					-

7. To create WBS under project please click on WBS

Create TOP WBS same as Project Definition with Project Type 13 (TOP WBS).

Second level WBS can be created as per following format with required project type. You can select Project type with F4 option.

Enter Description for respective WBS and press Enter.

		Identification an	d view selection					
Project Structure: Description	Identification	Project Def.	PDI-19-00225	NSC				
NSC	PDI-19-00225	Detall:						
 A NSC PROJECT 	PDI-19-00225	Overview(s):						
• 🛆 DTC	PDI-19-00225.01	Overview(s):						
		Basic data	Organization Responsibilitie	s Control Over.			_	
		S., L.,, WB	alamant	Description	Short ID	Typ Pri	Cu Di	
				NSC PROJECT	PDI-19-00225	13		
				DTC	PDI-19-00225.01			
		1	-19-00223.01		201-19-00223.01			
		1						
		1						
		1						
		1						
		1						
		1						
		1						
		1						
		1						
		1						
		1						
Worklist Templates		1						
mplates: Name	Project object	1						
mpiates: Name	Project object			4 F				4 🕨
rojects								
 Project Definitions 			👌 👔 📅 🛛 Settlement Ru					
WBS Elements								
Networks Standard Templates								

Enter Second level WBS in following format

PDI-19-XXXXX.XX <---- Sr. NO

Project Builder	r				
> 🤹 🌮 🖬 🗛 🔤 🤅	II I I 😔 🖬				
		Identification and view selection			
roject Structure: Description	Identification	Project Def. PDI-19-00225	NSC		
NSC	PDI-19-00225	Detail:			
 A NSC PROJECT 	PDI-19-00225	Overview(s):			
• 🛆 DTC	PDI-19-00225.01	Overview(s).			
		Basic data Organization Responsibilities	Control Over.		
			escription Short ID	Typ Pri Su	
			SC PROJECT PDI-19-00	225 13 🗸	
		2 PDI-19-00225.01 DT	rC PDI-19-00	225.01 08 🗇 👽	
		1		\checkmark	
					0 (
		1		\checkmark	
		1		V	
		1		Image: A start of the start	
		1		V	
		1		Image: A start of the start	
		1		V	
		1			
		1		V	
		1		V	
		1		v V	
Worklist Templates		1		 ✓ ✓ 	
emplates: Name	Project object	1		V V	
mplates: Name	Project object		•	V	4 1
Projects					
Project Definitions		S E E E 21 T Settlement Rule			
WBS Elements					
 Networks 					
 Templates 					

In this way add second level WBS elements for projects as per requirement serially.

8. Click on TOP WBS and Go to "User Field" to enter Scheme Name as "(0062) New Connection Scheme" and Cost Data Date.

Enter scheme name from search option.

		Er Ev	aluation group 5 (1) 76 Entries found	×
🖲 🔎 Project Builder: Project PDI-19	0225		Restrictions	
» 🐾 🖇 🐂 🗛 🔤 🎞 🖻 🚱 🕢			ν	
3 0,x0 0 0 0 8 8 8	Identification			
Project Structure: Description Identification	WBS Element		p 5 Name SCADA Part-A	
NSC PDI-19-00225	Detail:	0040	Smart Grid Project	
TOP WBS PDI-19-00225	Overview(s):			_
	Overview(s):	0049	Establishment of meter testing NABL labs (Nagpur)	
		0050	Asset created through Consumer Contribution-DDF	
	Basic Dat	a Dates Assignment 0051	Asset created through Consumer Contribution-NonDDF	
		0052	Infrastructure Plan -II- U & M	
	Field key	2000001 0053	Infrastructure Plan -II- NSC	
	General field	s 0054	SIMHASTA WORKS	
	Scheme Na	me, 0055	DPDC SI	
	Activity No.	0056	DPDC ND	
		0057	NSC	
	Dates	0058	AG.PUMP ENERGIZATION FOR VIDHARBHA AND MARATHAWADA	
		0059	AG DSM - Demand side management program	
	Cost Data D	ate 01.09.2019 0060	DELP - Domestic efficient lighting program	
		0061	HVAC - Heat ventilated air conditioner scheme	
		0062	NEW CONNECTION SCHEME	
		0063		
		0064	Dindayal Upadhaye Gram Jyoti Yojana DDUGJY	
		0065	Integrated Power Dev scheme IPDS	
		0066	Saubhagya Scheme	
		0067	Mukhyamantri Saur Vahini Yojana	
		0068		
Workist Templates		0069	DSM - Demand Side Management Scheme	
Templates: Name Project object		0070	EVCS - Electric Vehicle Charging Station Scheme	
Individual Objects		0071	Shet Tale	
Projects		0072	Mukhyamantri Sour Krushi Pump Yojana Maharashtra Solar AG Pump Project	
Project Definitions		0073	Maharashtra Solar AG Pump Project IPDS DF Area	
WBS Elements		0076	IPDS DF Area Evacuation from EHV S/S	*
Networks		0077		Ψ.
tandard Templates		76	Entries found	

9. Go to "Assignment Tab" of each WBS and enter Investment Reason for all WBS and save the Project.

	-		
» 📽 🌮 🖬 🗛 🔤 1			
		Identification and view selection	
Project Structure: Description	Identification	WBS Element PDI-19-00225.01 DTC	
NSC 🗧	PDI-19-00225	Detai: Detai: Detail:	
 A NSC PROJECT 	PDI-19-00225	Overview(s):	
• 🛆 DTC	PDI-19-00225.01		
		Basic Data Dates Assignment Liser field Progress Long Text C	
		Basic Data Dates Assignment User field Progress Long Text C	
		Accounting 01 Substation 1 DT/S	
		Costing SheetStatistical 02 Substation - 2 PT/F	
		Investment profile 03 Augmentation P/T - 3.15 MVA to 5 MVA	
		04 Augmentation P/T - 5 MVA to 10MVA	
		Planning dates Investment Management 05 Augmentation P/T - 3.15 MVA to 10 MVA	
		Network asst 2 For WBS element Investment reason 🗹 06 DTC - Single Phase	
		Plan.meth/basic 2 Bottom-up (taking da 07 DTC - Three Phase	
		Plan.meth/fcst 2 Bottom-up (taking da 08 DTC Augmentation - 15 KVA to 25 KVA	
		09 DTC Augmentation - 25 KVA to 63 KVA	
		Organization 10 DTC Augmentation - 25 KVA to 100 KVA 11 DTC Augmentation - 63 KVA to 100 KVA	
		CO area 1000 12 DTC Augmentation - 65 KVA to 100 KVA	
		Company code 1000 Plant D675 13 DTC Augmentation - 05 KVA 02 20 KVA	
		Company code 2000 Plant Developmentation - 200 KVA to 315 KVA	
		Functional Area Factory calend. 1N	
Worklist Templates		Profit Center 3064 17 HT LINE - 1 Circuit (ckt)	
emplates: Name	Project object	Currency INR 18 HT LINE - 2 Circuit (ckt)	
🜟 Individual Objects		19 LT Line - 2 Wires	
★ Projects		Administration 26 Entries found	
 Project Definitions 		Created by Created on Zo Entries round	
WBS Elements Detworks		Changed by Changed on	

Also Assign Project Type for each WBS in "Basic Data "Tab if it is not maintained at the time of WBS creation.

10. Click on TOP WBS and go to "Assignment Tab" and Assign Investment Program as per SCHEME and PROFIT CENTER with respect to year. Please enter Approval Year for investment program.

Project Builder:	Project PDI-19-00225	
🧇 🤻 🌮 🖬 🗛 🙌 🎞	1 📝 🧿 🗊	
Project Structure: Description ▼ RNSC → ▲ TOP WBS	Imilian Imilian Identification P01-19-00225 P01-19-00225 P01-19-00225	Identification and view selection WBS Element FDI-19-00225 Detal:
	Er Choose Pont of Entry > Investment program MSEDCL Postion ID	Plan.meth/fcst 2 Bottom-up (taking da Drganization O O area 1000 Company code 1000 Plant D675 Concation Decation Profit Center 3064 Currency TINR Idministration Created on 06.11.2019 Created by H0IT07 Changed on 06.11.2019 Assignment to investment program position Image: Concent on C
★ Workist Templates Templates Templates Templates Totividual Objects Totividual Obje	Project object	Investment program MEEDCL 2016 Postion ID

Save the project.

Project Builder		
🧇 I 🤹 🌮 I 🖬 🗛 🔤 I 🕿	i 📝 😔 🗊	
		Identification and view selection
Project Structure: Description	Identification	WBS Element PDI-19-00225 🖸 NSC PROJECT 📝 🔊
🝷 🗏 NSC	PDI-19-00225	Detai:
 A NSC PROJECT 	PDI-19-00225	Overview(s):
• 🛆 DTC	PDI-19-00225.01	
		Basic Data Dates Assignment User field Progress Long Text Custo ()C Plan.meth/fcst 2 Bottom-up (taking da
		CO area 1000 Company code 1000 Plant D675 Location Location Functional Area Factory calend. Profit Center 3064 Currency INR
		Administration Created by Created on Changed by Changed on
Worklist Templates		Assignment to investment program position
		Investment program MSEDCL 2016 MSEDCL
Templates: Name	Project object	Position ID 3064-MAHAL -NSC 3064-Mahal -NSC
 Projects 		
 Project Definitions 		
WBS Elements		* *
Networks		
• 🜟 Standard Templates		

11. Create only one network and one activity for each WBS elements in project for Full Turnkey Profile.

Right click on WBS and select Create-> Copy Network

토 Project Edit Goto Extras Settings System Help ② 《 등 이 운영 응 등 하 하 1 한 한 화 환	
Project Builder % % 2 4 11 12 12 0 II	
End in tree Activi Expand/collapse Activi Copry to Activi	k Basic Data Dates Assignment User field Progress Long Text Custo * imal) Plan.meth/fcst 2 Bottom-up (taking da to) Organization
	▶ HOIT07 ▼ sapeccmock INS 변화 문
📀 🔼 💽 🚞 🐨 🖾 🚺 🔍	Desktop [≫] ▲ <mark>%</mark> ⊿ill €0 06-11-2011

Select required activity from F4 option from std. network Field.

User Manual for SAP ERP NSC Infrastructure Development Work

								9
<u>Project Edit Goto Extras</u>			er of	standard networks to be copied (1) 84 Entries foun	d		_ ×	
✓		Star	ndard	networks by text, number, usage, planner, status		Find sta	🕨 🗖	
Project Builder			ക്രിം	v 10 10 10 10 10 10 10 10 10 10 10 10 10 1]
🍄 🤻 🍣 🖬 🗛 🏭 🧱	📝 📀 🖬					ge Stat		
		1001		DTC 25kVA 22kV on 9m RSJ pole MCCB DB	3	4	, i i i i i i i i i i i i i i i i i i i	-
		1002		DTC 63kVA 22kV on 9m RSJ pole MCCB DB DTC 63kVA 22kV PSC Pole mounted	3	4		
	Identification	1003	1	DTC 100kVA 22kV PSC Pole mounted DTC 100kVA 22kV RSJ Pole mounted	3	4		
	PDI-19-00225	1004	1	DTC 100kVA 22kV kSJ Pole mounted DTC 200kVA 22kV on 9m RSJ poles MCCB DB	3	4		
 A NSC PROJECT 	PDI-19-00225	1005	1		3	4		
Copy from	X	1008		DTC 315kVA 22kV pole mounted DTC 315kVA 22kV on 9m RSJ pole on plinth	3	-		
		1007		DTC 315kVA 22kV on 9m RSJ pole on plinth DTC 315kVA 22kV Pole mounted	3	4		Long Text Custo
Copy fr Obj.sele	ction NetworkParameters	1008	_	DTC 315kVA 22kV Pole mounted DTC 630kVA 22kV Plinth mounted	3	4		Custo
		1009		DTC 630kVA 22kV Pilet mounted	3	4		
Network		1010	1		3	4		Short ID PDI-19-00225.01
Std network		1011		DTC 100kVA 22kV 9m PSC pole Kitkat DB	3	4		Proj. summarization
		1012		DTC 25kVA 22kV on 9m PSC pole Kitkat DB	3	4		
		1013		DTC 25kVA 22kV on 9m RSJ pole kitkat DB	3	4		1
		1014		DTC 63kVA 22kV on 9m RSJ pole kitkat DB	3	4		P
		1015		DTC 100kVA 22kV 9m RSJ pole kitkat DB	3	4		
		1016		DTC 100kVA 22kV 9m RSJ pole kitkat DB	3	4		
		1017			3	4		Operative indicators
		1101		Aug DTC 22kV Pole mount 63kVA to 100kVA		4		Planning element
				Aug DTC 22kV Pole mount 100to200kVA MCCB	3	4		Acct asst elem.
		1103		Aug DTC 22kV Pole mount 100to315kVA MCCB	-	4		
		1104		Aug DTC 22kV Pole mount 200to315kVA MCCB	3			
		1105		Aug DTC 22kV Pole mount 200to630kVA MCCB	3	4		
		1106		Aug DTC 22kV Pole mount 200to630kVA MCCB	3	4		
		1107		Aug DTC 22kV Pole mount 200to630kVA MCCB	3	4		
		1108		Aug DTC 22kV 100/200/315to630kVA plinth	3	4		
Worklist		1109		Aug DTC 22kV Pole mount 100kVA to 200kVA	3	4		
		1201		DTC 25kVA 11kV on RSJ pole MCCB DB	3	4		
emplate		1202	1	DTC 63kVA 11kV 9m RSJ Pole mounted	3	4		
🔶 Ind		1203		DTC 100kVA 11kV on 9m RSJ pole	3	4		
Y Pro		1204		DTC 200kVA 11kV on 9m RSJ pole MCCB DB	3	4		
WBS Elements		1205		DTC 200kVA 11kV Pole mounted	3	4		
WBS Elements Networks		1206		DTC 315kVA 11kV Pole mounted	3	4		
Standard Templates		1207		DTC 315kVA 11kV Pole mounted	3	4		
		1208	1		3	4		
		1209		DTC 25kVA 11kV on 9m PSC pole Kitkat DB	3	4		
		1210		DTC 63kVA 11kV on 9m PSC pole Kitkat DB	3	4	A	-
		1211	1	DTC 100kVA 11kV on 9m PSC pole Kitkat DB	3	4	-	

Enter description and press Enter

Project Builder	
🌝 🤹 😕 🖬 🛱 📰 🖾 🕑 🔕	
	Identification and view selection
Project Structure: Description Identification	Network 25 KVA DTC
• DDI-19-00225	Detail:
	Overview(s): 🗰 🚾
• DTC 25kVA 22 %000000000 0010	Scheduling Assignments Control Administr. LongText
	General
	incention prove and prove
	Network type PS02 Network with activity assignment(int.NA)
	Plant D675
	MRP controller 001 NAGPUR MAHAL DIVIS
	Costing
	Costing Sheet
	CstgVariantPlan PS02 Network: Planned
	CstgVariantActi PS03 Network: Actual
	Overhead key
	Plan cost calc. Determine plan costs
4 Þ	Components
Worklist Templates	Res./Purc. req. From release
Templates: Name Project object	
 ▶ ★ Individual Objects ★ Projects 	
Project Definitions	
WBS Elements	
Networks	
 Templates 	

Create network for each WBS in project.

After creation of network, create activity element for each network.

While copying std. network, activity element will be created automatically. If it is not created then create activity manually.

To create activity manually, first right click on Network and select Create-> Activity (Internal)

Project Edit Goto Extra	as Settings System Help	1 1 1 1 1 		×
Project Builder %	Image: Control of the second	WBS element Hetyyork Copy getwork Activity (estema) Activity (estema) Activity (estres) Activity (esprece) Activity (esprece) Activity element (work) Activity element (work)	Mentification and view selection Network 25 KVA DTC Detail Overview(s): Scheduling Assignments Control Administr. LongText Status System Status Dates Dates Control Administr. LongText	
♦ ● ● ● ★ Workdst □ Tempbates Tempbates: Name ★ Individual Objects ● ★ Project Definitions ● ₩ ØS Elements ● Web Schemats ● Networks ● Mathematical Mathematical Schemats ● Networks ● X Standard Templates ●	Expand/collapse > Copy to > Project object	Activity element (costs) Activity element (service) Mategia Component Igletone PS faxt Document	Start Date 06.11.2019 06.11.2019 End Date 06.11.2019 06.11.2019 Scheduling Scheduling type Basic dates Scheduling type Forwards Capacity regints Reduction ind. No reduction carried out Image: Capacity regints	
			D HOIT07 ▼ sapeconock INS	±. ₽
📀 🔼 👩 🖺	a 💽 🔀 🗾		Desktop 🎽 🖡 📶 🕕 🕫	11:49 -11-2019

Enter Description of activity, Work and Execution Factor for an activity.

Project Builder		
🤣 🤹 🖓 🖬 🗛 🛤 🎞	E 🛛 🖬	
		Identification and view selection
Project Structure: Description	Identification	Activity DOIO DTC 25kVA 22kV on 9m RSJ pole MCCB DB
▼ 🗏 NSC	PDI-19-00225	Detai:
 TOP WBS 	PDI-19-00225	Overview(s):
 25 KVA DTC 	PDI-19-00225.01	
👻 🔤 25 KVA DTC	%0000000001	
• DTC 25kVA 2	2%0000000001 0010	Internal External Dates Assignment Long Text Progress User field Location
		General data
		System Status CRID SEIC I Control key PS01 Subntwk exists
		WBS element PDI-19-00225.01 Project Sum.
		Work center PS / H001 DistKeyCapRqInt
		Work 1 NO Number 0 Percent 0
		Calculation key Maintain manually Executn factor 1
		Activity Type Business Proc.
		Std text key
		Vsage V
		Scheduling
		Normal duration DAY Flexible Factory Cal. ID IN
		Min. duration
Worklist Templates		
Templates: Name	Project object	
Individual Objects		
 Projects 		
 Project Definitions 		
WBS Elements		
Networks		
Standard Templates		

Select costing sheet in "Assignment Tab"

Project Builder						
» i 🤹 😤 i 🖬 🗛 🗰 i 🎞	2 9 1					
i D → K D i m i i roject Structure: Description K NSC C → Δ TOP WBS	Identification PDI-19-00225 PDI-19-00225	Identification and v Activity Detail:	0010 DTC 25k	VA 22kV on 9m RSJ pole MC	CB DB	
 25 KVA DTC 25 KVA DTC 	PDI-19-00225.01 %00000000001 2%0000000001 0010	Overview(s):	ternal Dates Assignment	Long Text Progress	User field Location	
		General assignmen WBS element Company Code Business Area Plant Profit Center Change Number Functional Area Reference point Special assignmen Funds Mar	PDI-19-00225.01 1000 H001 3064 ts	Object currency INR Costing Sheet COSIS Overhead key		
Vorklist Templates						
emplates: Name Tolividual Objects Projects Project Definitions WBS Elements Networks	Project object					
🛨 📩 Standard Templates						

Enter Activity No in tab "User Field Tab"

Project Builder	
'ŷ ਝ 🌮 📲 🚣 🛤 🎞 🗹 💿 🗊	
	Identification and view selection
Project Structure: Description Identification	Activity DTC 25kVA 22kV on 9m RSJ pole MCCB DB
▼ NSC PDI-19-00225	Detail:
▼ △ TOP WBS PDI-19-00225	Overview(s): 🗧 🐻 🔷 🔁 💼
Z 25 KVA DTC %00000000001 DTC 25kVA 22 %0000000001 0010	Internal External Dates Assignment Long Text Progress User field Location
- DTC 20KYN 22 /000000000 0010	Incernal Excernal Dates Assignment Long Text Progress User field Editation
	Field key MSEDCL_Network User Defined Fields
	General fields
	Activity No. 1001
	Item No.
	Dates
	Cost Data Date
Worklist Templates	
Templates: Name Project object	
 	
▼ ★ Projects	
Project Definitions Bernents	
Networks	

Save the project.

11. Add materials and services under activity.

Select Activity and click on "Component Overview" Icon

Project Edit Goto Extras	Settings System Help		
	I 🕲 😢 I 🖨 🖞 🐇 I I I I I I I I I I I I I I I I I I		
🤋 🔎 Project Builder: Pro	oject PDI-19-00225		
 > % # 1 🖬 🗚 🙌 🎞 🗹	-		
		Identification and view selection	
	entification [-19-00225	Activity 6000129292 0010 DTC 25KVA 22KV ON 9M RSJ POLE MCCB DB	
TOP WBS PDI	I-19-00225	Overview(s):	
 25 KVA DTC PDI 25 KVA DTC 600 	I-19-00225.01 00129292	Component Overview	
• 💷 DTC 25KVA 22600		Internal External Long Text Progress User field Location	1
		General data	
		System Status CRID SETC Control key PS01 Subntwk exists	
		WBS element PDI-19-00225.01	
		Work center PS / D675 DistKeyCapRqInt Work 1 NO Number 0 Percent 0	
		Calculation key Maintain manually Executin factor	
		Activity Type Business Proc.	
		Std text key	
		Usage 🗸	
		Scheduling	
		Normal duration DAY Flexible Factory Cal. ID IN	
		Min. duration	
Worklist Templates	oject object		
	oject object		
 Projects 			
Project Definitions WBS Elements			
Networks Standard Templates			
 X Standard Templates 			
		SAP	HOIT07 🔻 sapeccmock INS
	M 🐼 💋 🔍 🔪		Desktop * 13

Select Edit-> Component->Explode BOM

🖙 project [Edit Goto Extra	as <u>S</u> ettin	gs System <u>H</u> elp								×
0	Select	•	🗟 😪 i 🖴 🖞 🖄 i 🛱 🎝 🗂 🗖 🗖	0							
	Status	•									
🥦 🔎 P.	Dates	•	PDI-19-00225								
🥎 🤏 🛓	Costs	•									
	Availability	•									
	Valjdation/Substit	ution 🕨 🕨		Identification	and view selectio	n					
Project Stru	WBS element	•	n	Activity	60001292	92 0010 DTC 25KVA 22KV ON 9	M RSJ POLE MC	CB DB	- 🖻 🔊		
T NSC	Network	•	25	Detail:							
• 🛆 T	Activity	•	25	Overview(s):	e 🗐 🐻	🔷 🔁 💼					
	Component	•	Procurement								
	Cancel	F12	Purchase requisition	Total	Purch.						
			Delivery Address								
			Invoicing plan Ctrl+F5	Item	Material	Plant Requirement qty	Ba P	I R St	BOM ex Description		:
			Explode BOM Ctrl+F6	0010	1	D675	PF	2			-
			Reassign	0020		D675	PF	2			-
			Transfer delivery time -> duration	0030		D675	PF	2			
			Alignment with finish date	0040		D675	PF	2			
			Copy component data	0050		D675	PF	2			
			Batch management	0060		D675	PF	2			
			Assign PS text	0070		D675	PF	2			
			Delete PS text assignment	0800		D675	PF	2			
			Delete PS text assignment	0090		D675	PF	2			
				0100		D675	PF	2			
				0110		D675	PF	2			
				0120		D675	PF	2			
4 🕨 📖	• •			0130		D675	PF	2			
				0140		D675	PF	2			
🗙 Worklist				0150		D675	PF	2			
Templates: Na		Project of	bject	0160		D675	PF	2			-
 Individu Project: 				0170		D675	PF	2			
	ject Definitions									•	
	S Elements					🖬 🗈 🚾 🖃 📑 Catalog					
• 🥅 Net											
• 📩 Standar	rd Templates										
					SAP				🕨 HOIT07 🔻 sape	ccmock INS	÷ 6
📀 🕨			9 🐼 💋 🔍 💫	CARLE COLL	d m	State of the	185		Desktop	▲ 🎼 🕪 👖	12:24

Enter activity no as Material in BOM Selection Dialog Box

	Identification and view selection	
ect Structure: Description Identification	Activity 6000129292 0010 DTC 25KVA 22KV ON 9M RSJ POLE MCCB DB	
NSC PDI-19-00225	Detai:	
	Overview(s):	
C BOM Selection		
Selection	Total Purch.	
Material 1001		iption :
Plant D675	Item Material Plant Requirement qty Ba P I R Description 0010 D675 PF 2 2	nption :
Usage		
AltBOM	0020 D675 PF 2	
Application PC01	0030 D675 PF 2	
WBS Element		
Sales Document Item	0050 D675 PF 2 0060 D675 PF 2	
Regmt Qty 1.000	0070 D675 PF 2	
Change Number	0000 D675 PF 2	
Vald From 06.11.2019	0090 D675 PF 2	
Multilevel Constraints	0100 D675 PF 2	
	0100 D675 PF 2	
	0120 D675 PF 2	
	0130 D675 PF 2	
	0140 D675 PF 2	
orkist	0150 D675 PF 2	
plates: Name Project object	0160 D675 PF 2	
r Individual Objects	0170 D675 PF 2	
Projects		4 1
Project Definitions		
WBS Elements		
Standard Templates		

Project Builder: Project PDI-19-00225

Copy Bill of Material Items				×	ion					
ems					292 0010 DTC 25KVA 22KV ON 9	M RSJ POLE MC	CB DB	🗋 🖻 🙍		
Item P., Lv S., Component	Quantity	Un Ict Sorts	Strng Description							
0010 1 21999808185	3.000	NO L 2010	0007 Clamps for 33 KV P.T.	-						
0020 1 21999808345	6.000	NO L 2010	0007 Clamps for 33 KV V.C.B.	-						
0030 1 21999821875	30.000	NO L 2010	0013 T-Connector for 100 sq mm conductor							
0040 1 21999821955	30.000	NO L 2010	0013 T-Connector 200 sqmm condCompRESSION							
0050 1 29999813245	280.000	KG L 2010	0013 G.I.Nut Bolts		Plant Requirement qty	Ba P	I R St	BOM ex Description	n	
0060 1 29999813325	1.000	LS L 2010	0013 G.I.Nut Boltss Washer & Misc Material		D675	PF	2			
0070 1 29999813415	120.000	KG L 2010	0013 G.I.Strip (25 X 3 mm)		D675	PF	2			
0080 1 33011008831	200.000	KG L 2010	0013 M.S.Angle 50x50x6 mm		D675	PF	2			
0090 1 33281011481	12.000	NO L 2010	0013 RSJ 116x100, 9 m long		D675	PF	2			
0100 0 1 33401009041	1,500.000	KG L 2010	0013 M.S.Flat 50x6mm		D675	PF	2			
0110 1 33401020441	180.000	KG L 2010	0013 M.S.flat 75x10 mm		D675	PF	2			
0120 1 76001031344	1.000	NO L 2010	0007 C&R panel for 33 KV Transformer with 1 A		D675	PF	2			
0130 1 82009358204	1.000	SET L 2010	0007 11 kv 250 MVA OD Switchgears comprising		D675	PF	2			
0140 1 83002035324	1.000	SET L 2010	0007 36KV ISOLATOR WITH E.B. 800A		D675	PF	2			
0150 1 83002045394	3.000	SET L 2010	0007 36KV ISOLATOR WITHOUT E.B. 800A		D675	PF	2			
0160 1 84001430733	3.000	NO L 2010	0007 33 kV C. T. (400-200/1-1-1)		D675	PF	2			
0170 1 84005432253	3.000	NO L 2010	0007 33KV PT FOR PROTEC(33KV/V3)		D675	PF	2			
0180 1 85000803713	1.000	NO L 2010	0007 33/11 KV, 5 MVA POWER TRANSFORMER		D675	PF	2			
0190 1 1500160029	6.000	M3 L 2010	0005 Screened River Sand		D675	PF	2			
0200 1 6081965019	1,510.000	KG L 2010	0007 Salt		D675	PF	2			
0210 1 16087056235	3.000	NO L 2010	0007 33 KV Post Insulator	-	D675	PF	2			
					D675	PF	2			
					+ >					4 F
					📅 🖻 🗋 📑 Catalog					
			🗟 🖪 Copy 🚔 🝞 🖻 All 🛅							

Select materials and click on COPY button

We can add/modify/delete material manually also in component overview window.

Same way to add civil services in activity, Right click on activity->Create->Activity Element (Service)

🔄 Project Edit Goto Extras Settings System Help	
Image: Project Builder: Project PDI-19-00225 Image: Project Builder: Project	Mentification Element 6000129292 Dates Assignment Long Text Progress User field Location Dates Assignment Long Text Progress User field Location Dates Assignment Long Text Progress User field Location Dates Assignment Long Text Progress Stern Status Purchasing Org. Material Group 10002 Verdor Purchasing Org. Material Group 10002 Verdor Purchasing Org. Material Group 10002 Verdor Purchasing Org. Note Parc. ord Pic Deiv. Time 0 Activity city 1.000 [55] Received 0.000 Received 0.000 Received Verdor Verdor Purc. ord exits Service exits Received
• 🖈 Standard Templates	► HOIT07 ▼ sepecomodk INS 15 15 15 15 15 15 15 1
🚳 🕨 🍋 💭 🚔 🚺	Desktop 🎽 🔺 👫 مثلاً 🕕 13:13 06-11-2019

Enter description and press Enter

Project Builder	r: Project PDI-19-00225	
🦻 🥲 🌮 🖬 🗛 🛤 🤅	I I 🖉 💿 🗐	
		Identification
Project Structure: Description NSC	Identification PDI-19-00225	Element 6000129292 0010 0020 Labour charges
 TOP WBS 	PDI-19-00225 PDI-19-00225	
 TOP WB5 A 25 KVA DTC 	PDI-19-00225 PDI-19-00225.01	External Dates Assignment Long Text Progress User field Location
25 KVA DTC	6000129292	
	2:6000129292 0010	External processing
	for 0010 21999808185	System Status I Control key P504 Subntwk exists
	for 0020 21999808345	WBS element PDI-19-00225.01 Plant D675 Project Sum.
	ect 0030 21999821875	Info Record Purchasing Org. Material Group 10002
	ect 0040 21999821955 Bo 0050 29999813245	Vendor Purch. group Sort Term
	B0 0060 29999813225	Outl. agreement /
	20070 29999813415	Price 0.00 INR per 0 Recipient
		Cost Element FixPrice
		Pl. Deliv. Time 0
		Activity qty 1.000 LS
		Received 0.000
		Requisition / 0 Purc. ord exists Service exists
		Res./Purc. req. From release
Worklist Templates		
Templates: Name	Project object	
Individual Objects		
 Projects 		
 Project Definitions 		
WBS Elements		
Networks		
Standard Templates		

Enter Service details and amount. Take Cost element 40300105 always for services in project.

ex	t Labour charges		Total Value	10,000.00	INR	1				
	imits					1				
Se	rvices									
L.,	D Service No.	Short Text		Quantity	U	Gross Price	Crcy	Cost Elem		SSC 🛄
10	CIVIL.AKL.LABOR	S/Unskilled labour	for miscl. works	10	DA	Y1,000.00	INR	40300105	٥	-
20							INR			-
30							INR			-
40							INR			
<u>50</u>							INR			
60							INR			
<u>70</u>							INR			
80							INR			
<u>90</u>							INR			
<u>1</u>							INR			
<u>1</u>							INR			
<u>1</u> <u>1</u>							INR			
<u>1</u>							INR			
1							INR			
1							INR			
1							INR			
1							INR			
<u>1</u>							INR			
<u>2</u>							INR			
<u>2</u>							INR			
<u>2</u>							INR			
<u>2</u>							INR			
2							INR			-
	•								4	•

Enter same activity no as main activity in service activity.

Project Builder: Project PDI-19-00225	
· 🌮 I 🔁 🐥 🛤 I 🎞 🗹 💿 🗊	
	Identification
Project Structure: Description Identification V To NSC PDI-19-00225	Element 6000129292 0010 0020 Labour charges
TOP WBS PDI-19-00225	External Dates Assignment Long Text Progress User field Location
▼ ▲ 25 KVA DTC PDI-19-00225.01 ▼ ■ 25 KVA DTC 6000129292	
 DTC 25KVA 226000129292 0010 Clamps for 0010 21999808185 	Field key MSEDCL_Network User Defined Fields General fields
 Image: Clamps for 0020 21999808345 	Activity No. 1001
• 🚾 T-Connect 0030 21999821875 • 🚾 T-Connect 0040 21999821955	Item No.
• 🚾 G.I.Nut Bo 0050 29999813245 • 🚾 G.I.Nut Bo 0060 2999981325	Dates
• 1 G.I.Strip (20070 29999813415 • 1 Labour che 6000129292 0010 0020	Cost Data Date 01.09.2019
Workist	
Templates: Name Project object	

12. Once all WBS elements, networks and activities are created. Release the User Status.

Durais at Duildaus		0 00305						
Project Builder:		9-00225						
🤣 🤻 🍣 🖬 🗛 🔤 🎞	: 🗹 🕤 🧃							
	💼 🛗 🏠 😽 🤅	<u>&</u>	Identification and v	iew selection				
Project Structure: Description	Identification		Project Def.	PDI-19-00225	NSC			
NSC TOP WBS	PDI-19-00225 PDI-19-00225		Detail:					
- <u>25 KVA DIC</u>	PDI-19-00225.01		Overview(s):					
 Z5 KVA DTC DTC 25KVA 2 	6000129292		Basic data	Control Adm	inistration Partner Lo	ng Text Cust o	anhancement Col	lect DR Indicators
Dic 25kVA 2	.0000129292 0010		basic uata	Control Auto		ing rexc cusc. e	ennancemenc _ co	IECC. PR Indicacors
			Status					
		_	System Status	CRTD				
			User status	CRTD				
		L	Project county ma					
				-00-00000.00.	00			
			Responsibilities			Organization		
			Tender Floater			CO area	1000	
			DPR Approver			Company code	1000	
			Onter			Plant	D675	
			Dates Start date	06.11.2019		Profit Center Proj.currency	3064 INR	
4)			Finish date	00.11.2019		Proj.currency	INR	
Worklist Templates			Factory calend.	IN				
Templates: Name	Project object		Time unit	DAY				
 Templates, Name Templates, Name Individual Objects 	Project object							
 Projects 								
💎 🔎 Change Statu	IS							
i								
Proj. Def. PDI-19-00225	N	ISC						
Ten. Float 0								
Status Business proce	sses							
System status		Status with status no.						
Stat Text		No Stat Text						
CRID Created	(† 1)		3					
		1 CRID Create 2 ADPR Approved DPR	1					
		3 MERC Approved By MERC						
		 4 BOQF BOQ Floated 						
		5 REL Release						
		S REL Release						
		Status w/o status no.	=					
		<u>.</u>						
Active Status								
ChangeDocuments	Status Pro	ofile 1000004 MSEDCL Proj .status Pro	D					

Double Click on each status to release User Status. Once User Status is released save the project.

12. Release the budget for projct. After assigninf the budget to project relaese the Sytem Status of the project.

Click on Edit-Status-Release to release System Status and save the project.

Project Edit Goto Ex	tr <u>as S</u> ettings S <u>v</u> stem <u>H</u> elp				
Select	🕨 🕨 🕒 👘 👘 👘	1 A LI 🖉 🖉 I 🞯 🖳			
Status		Ctrl+F2			
Dates	Lock	•			
🖌 😪 👌 Costs	 Unlock 	•			
Avaiability	 Order accepted 	•			
Validation/Subs		•	Identification and view selection		
oject Stru WBS <u>e</u> lement	 Fully invoiced 	•	Project Def. PDI-19-00225 ONSC		
NSC Network	<u>C</u> lose	•	Detail:		
Activity	 Deletion flag 	•	Overview(s):		
Component	User Status	•			
Cancel	F12 System/user status C	Ctrl+F1	Basic data Control Administration Partner	Long Text Cust. enhancement Collect	. PR Indicators
			Sixtem Status CRID System Status CRID Project coding mask Screen PDI-00-0000.00.00 Responsbilities Tender Floater DR Approver Dates Start date 06.11.2019 Finish date	Organization Colarea 1000 Company code 1000 Plant Defis Proff Center 3064 Prof.currency INR	
Worklist Templates			Factory calend. IN		
emplates: Name	Project object		Time unit DAY		
📩 Individual Objects	,,				
r 📩 Projects					
 Project Definitions WBS Elements 					
WBS Elements Networks					
 Standard Templates 					
			SAP		HOIT07 - sapeccmock INS
) 📕 🧿 🛽	🚔 🚾 🔀 💋 🛛	🤻 🖊			Desktop 🎽 🔺 🔏 👔 .all 🌒 🕺 1

Step 2.Creation of Work Order in PS module of SAP ERP system

13. Project PO creation

Following 3 POs are created for projects

1. Material 2. Centages 3. Civil (If project have civil services)

Run t-code ZPS_PO to create PO for the project.

Enter Project No, vendor code, retention, contract period, above/below percentage. Always enter above below percentage having three decimal places e.g. 2.500.

Choose PO to create and execute

Project Purchase ord	lers creation	
Ø		
Fill Details		
Project No	PDI-19-00225	
Vendor	100024288	
Retention in Percent	10	
Contract period in month	24	
Fill Condition Details		
% Below Est. Cost		
○% Above Est. Cost		
% Quoted rate	8.990	
70 Quotes late		
Select type of PO		
Material PO		
O Civil Work PO		
O Centages(Service) PO		

After Execution, system will provide PO no.

Step 3. Division In-charge will create Work Order PDF in Maintenance Portal