



## Project – SUGAM End User Manual Project System



### DOCUMENT DETAILS

PROJECT NAME	MODULE	Business Scenario:
SUGAM	PROJECT SYSTEM	PROJECT SYSTEM
MODULE LEAD – BSPTCL	MODULE LEAD – YASH	PROCESS OWNER
Sri. Rakesh Kumar		Sri. Praveen
BBP NUMBER AS PER BPML	PROCESS NAME	
	PROJECT SYSTEM	

### AUTHORS & PARTICIPANTS

Role	Name
Core Team Members	Sri. Praveen – AEE Projects-II Sri. Abhinav Basu – AEE Project Sri. Atul Kumar Jha – JEE Projects Ms. Shweta Nirmata – AEE (P&E) Ms. Kshitijaa Ranjan – AEE Projects-I Smt. Swati Suman – Asst. Manager IT
Consultant	Macha Ambarish Babu
Business Process Owner	Sri. Praveen

### REVISION HISTORY

Date	Document Version	Document Revision Description	Author	Reviewer
23.09.2019	0.1	User Manual Preparation	M Ambarish Babu	

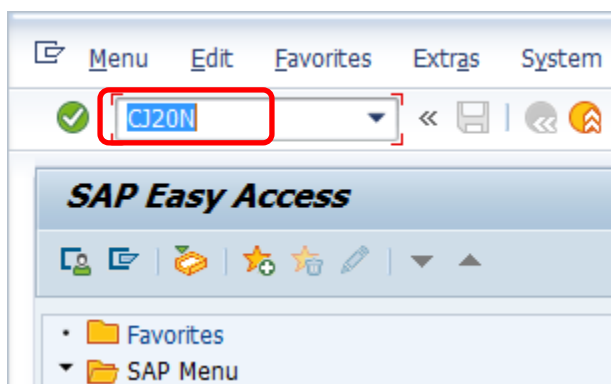


# Project – SUGAM End User Manual Project System

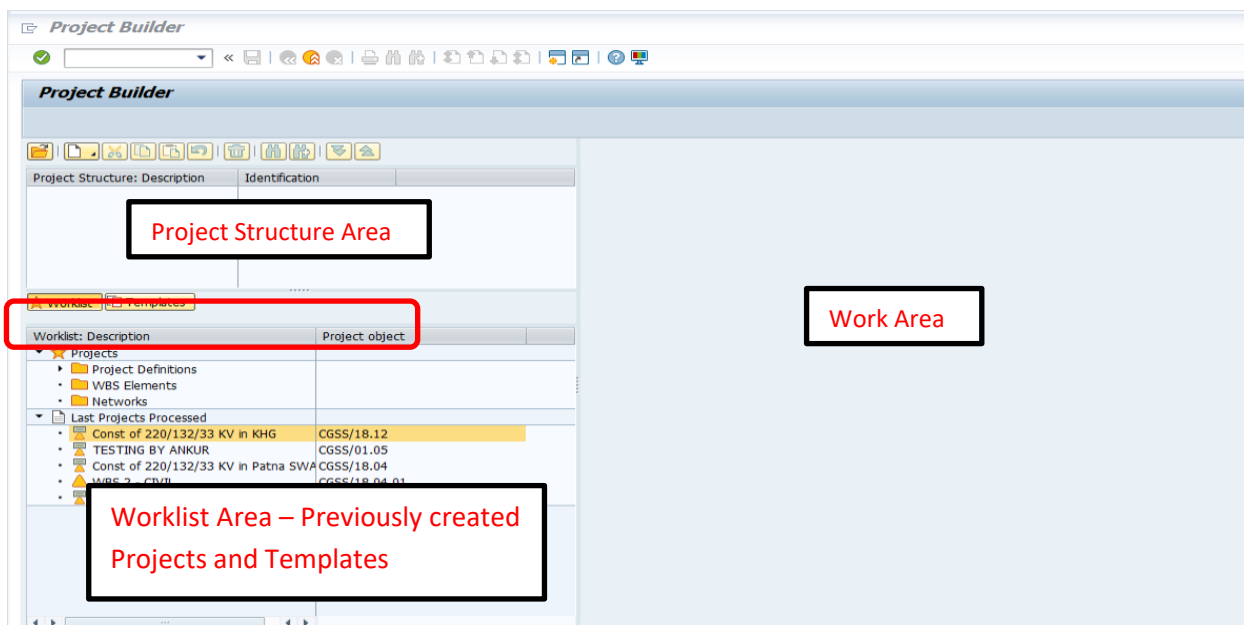


## 1. Project Builder

<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Type Transaction Code CJ20N and Click on Tick button or Press Enter key.</b>



<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Observe the three Project builder areas which will be used in Project Builder</b>



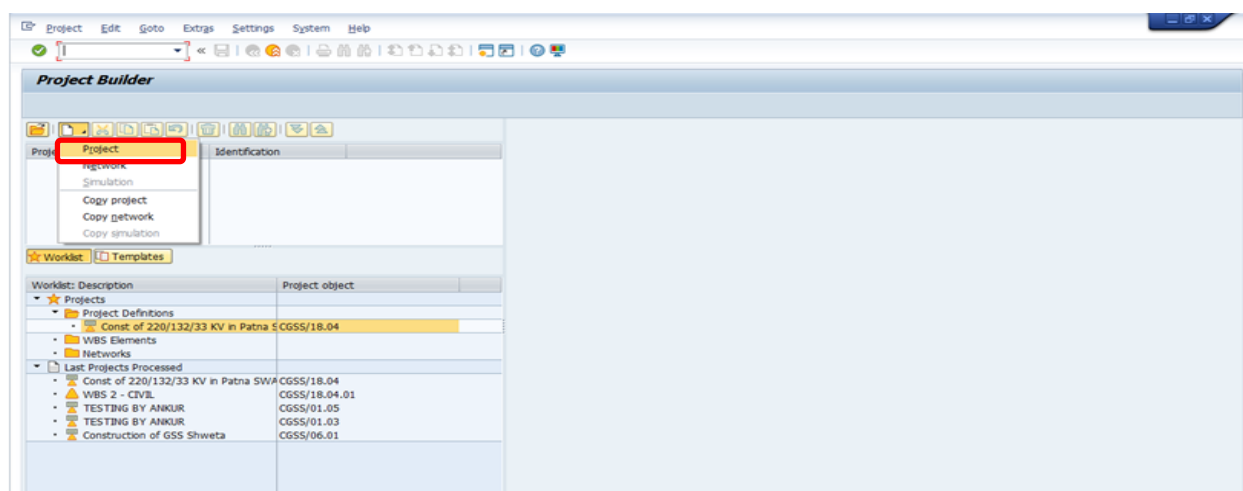


## Project – SUGAM End User Manual Project System



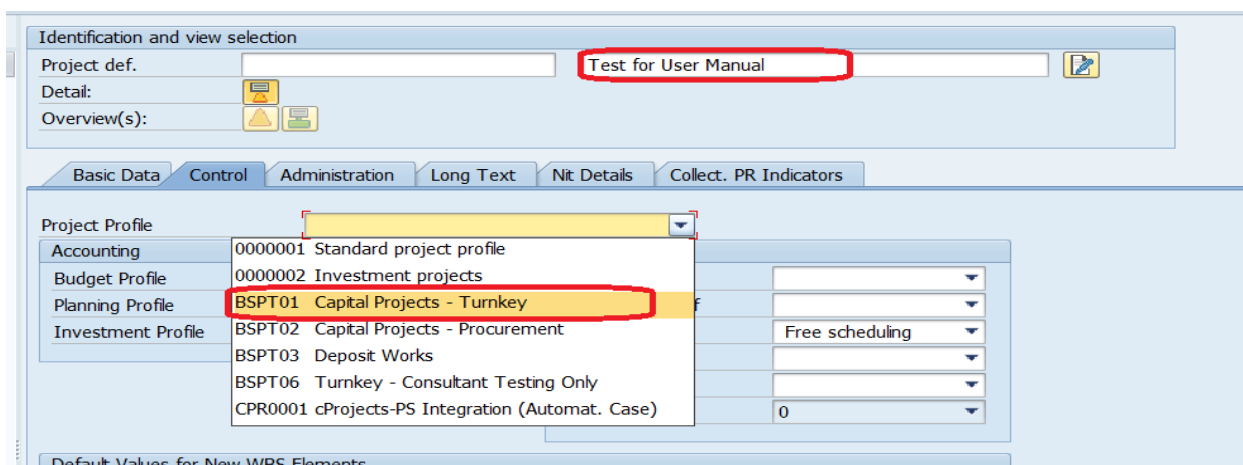
### Create New Project definition:

<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Click on create button and select project to create new Project definition</b>



<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Type the starting value of the project then press F4 to find the next available number. Provide the project definition description.</b>

Press enter after choosing the relevant project profile.

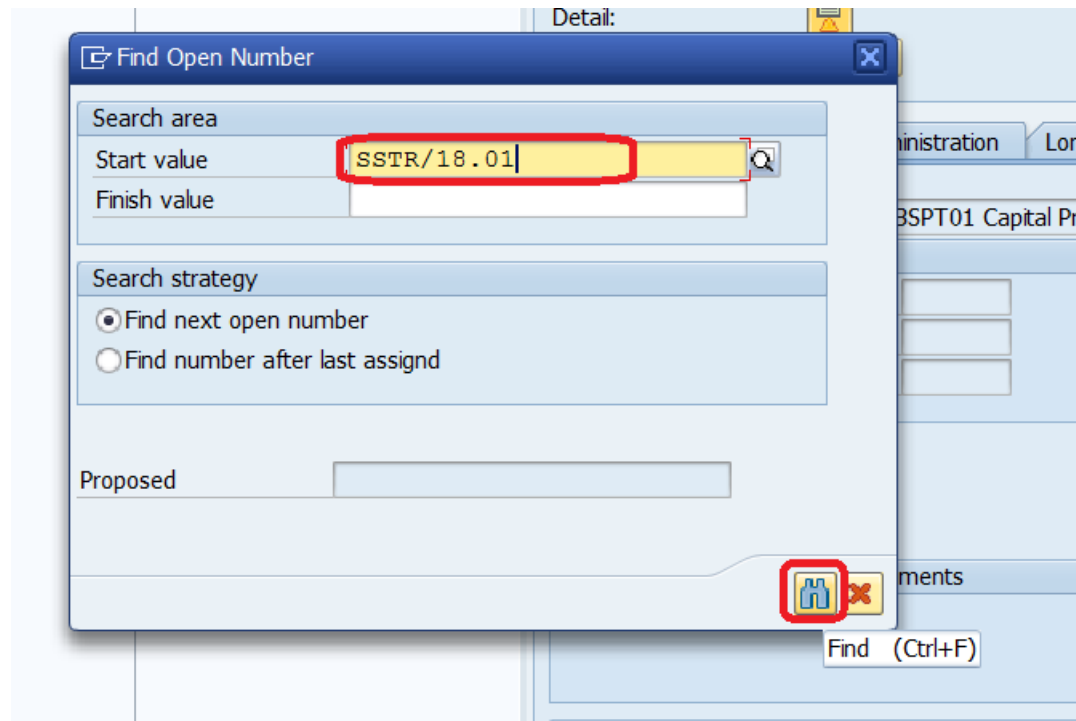




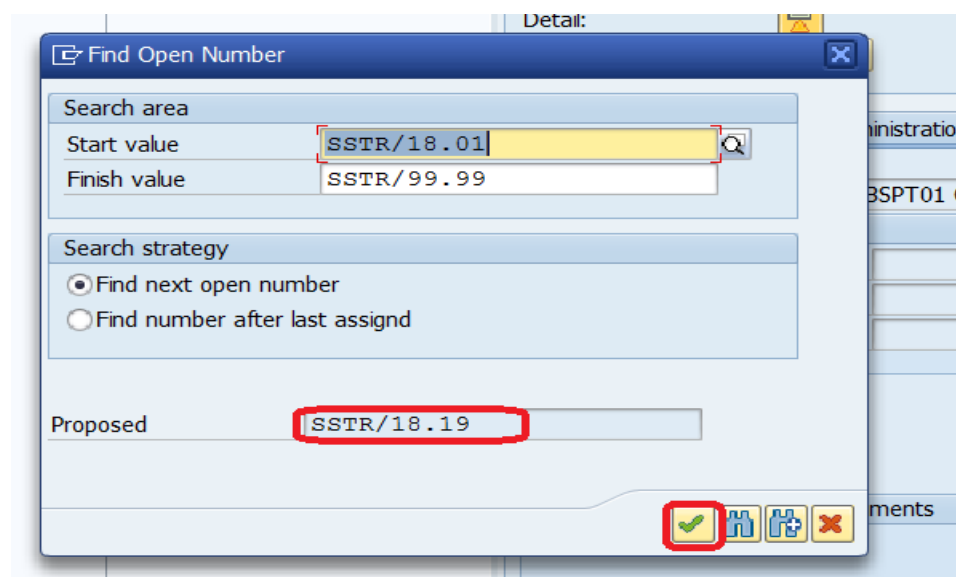
# Project – SUGAM End User Manual Project System



Americas | EU | ASIA | AUS



System will propose the next number of Project





## Project – SUGAM End User Manual Project System



<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Observe the Project definition symbol, Basic data Tab, Select Person Responsible from dropdown (f4), Enter required Plant &amp; relevant Profit center. See the System Status as CRTD (CREATED) &amp; enter NIT Details in the tab</b>

Select the Required Person responsible for the Project from F4

The screenshot shows the SAP Project Definition (CJ20N) interface. The 'Basic Data' tab is active. In the 'Responsibilities' section, the 'Pers.Resp.No.' dropdown is open, showing a list of 84 entries. The first entry, 'AEE SAMASTIPUR', is selected. The dropdown title is 'Number of the responsible person (project manager) (1) 84 Entries fo...'. The list includes the following entries:

Respons.	Name of resp.person
00000001	AEE SAMASTIPUR
00000002	AEE Masaurhi
00000003	AEE Kochas
00000004	AEE Sasaram
00000005	AEE Bkramganj
00000006	AEE Banjari
00000007	AEE Nalanda
00000008	AEE Kudra
00000009	AEE Ekangasarai
00000010	AEE Sherghati
00000011	AEE Tekari
00000012	AEE Hulasganj
00000013	AEE Wazirganj
00000014	AEE Goh
00000015	AEE Aurangabad
00000016	AEE Rafiganj
00000017	AEE Imamganj

84 Entries found



# Project – SUGAM End User Manual Project System



Select the Plant from F4

Identification and view selection  
Project def. SSTR/18.19 Test for User Manual  
Detail:   
Overview(s):

Basic Data Control Administration Long Text Nit Details Collect. PR Indicators

Status  
System Status    
User status

Project coding mask  
Screen SSTR/XX.00.00.00.00.00.0 Mask ID

Responsibilities  
Pers.Resp.No. 00000001  
Applicant no.

Dates  
Start date 02.10.2019  
Finish date   
Factory Calend. IN  
Time unit DAY  
Fcst start date   
Finish date (F)

Organization  
CO area 1000  
Company code 1000  
Plant    
Profit Center   
Proj.currency INR

Plant (1) 19 Entries found  
Restrictions  
Plnt Search Term 2 Search Term 1  
1100 PATNA (EAST) TRANS CIRCLE  
1150 PATNA (WEST) TRANS CIRCLE  
1200 DEHRI ON SONE TRANS CIRCLE  
1250 BHOJPUR TRANS CIRCLE  
1300 BHARSHARIFF TRANS CIRCLE  
1400 GAYA (MAGADH) TRANS CIRCLE  
1500 MUZAFFARPUR(TIRHUT) TRANS CIRCLE  
1550 VAISHALI(HAJIPUR) TRANS CIRCLE  
1600 KOSHI (MADHEPURA) TRANS CIRCLE  
19 Entries found

Enter Project Start Date & Finish Date and select the Profit Center from ZMMPC01 T code related to Plant

Identification and view selection  
Project def. SSTR/18.19 Test for User Manual   
Detail:   
Overview(s):

Basic Data Control Administration Long Text Nit Details Collect. PR Indicators

Status  
System Status    
User status

Project coding mask  
Screen SSTR/XX.00.00.00.00.00.0 Mask ID

Responsibilities  
Pers.Resp.No. 00000001  
Applicant no.

Dates  
Start date 02.10.2019  
Finish date 15.09.2020  
Factory Calend. IN

Organization  
CO area 1000  
Company code 1000  
Plant 1500  
Profit Center 107100   
Proj.currency INR



## Project – SUGAM End User Manual Project System



Identification and view selection

Project def. SSTR/18.19 Test for User Manual

Detail: [Warning Icon]

Overview(s): [Warning Icon] [Print Icon]

Basic Data Control Administration Long Text Nit Details Collect. PR Indicators

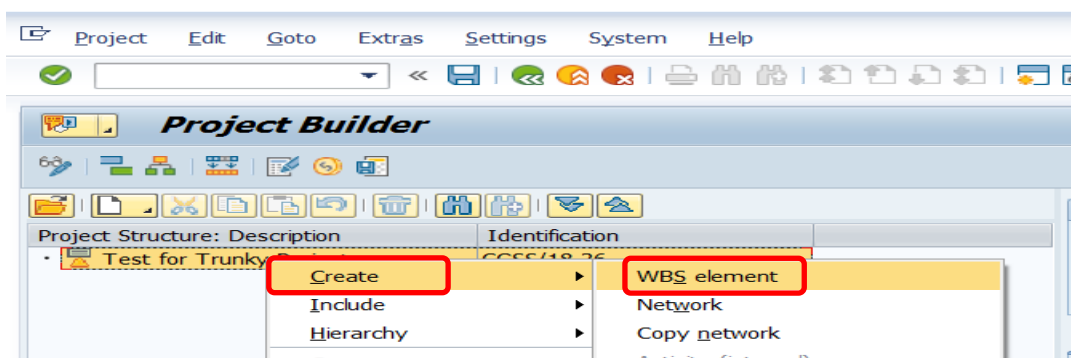
Nit Details

NIT Number Enter NIT Number

NOA Number Enter NOA Number

### 1.1 Create L1 WBS Element:

SAP T-code	Action
Process	Right click on Project definition → Create → WBS element

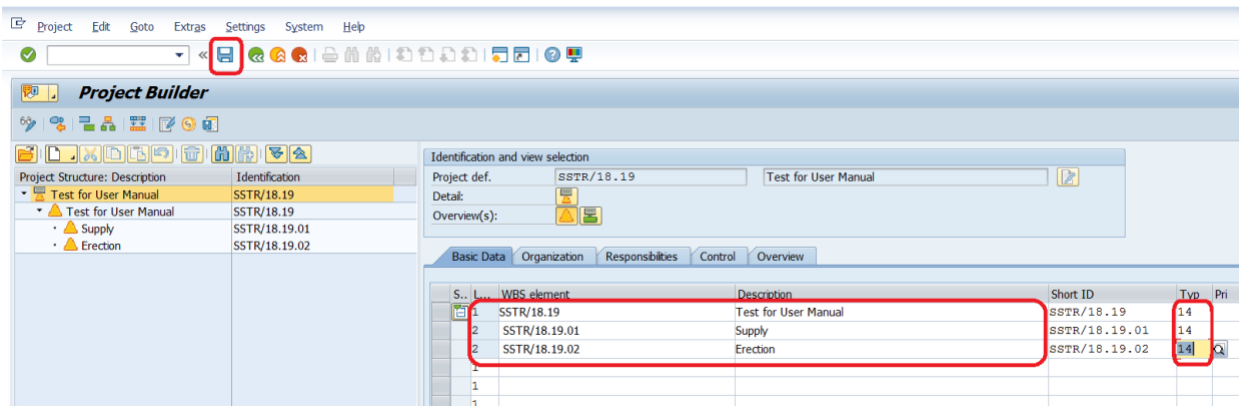


### 1.2 Create L2 WBS Elements:

SAP T-code	CJ20N
Process	Open the recently created project by double clicking the same in Worklist. Create one WBS element at level 2 under SSTR/18.19 by clicking on level 1 WBS element and follow the same process as above and change the Plant as per the requirement

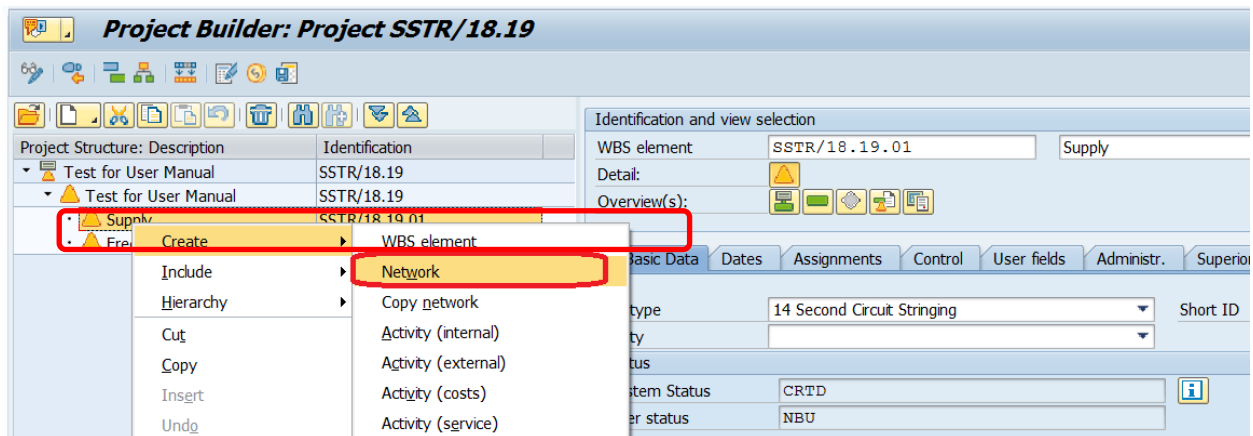


# Project – SUGAM End User Manual Project System



## 2. Create Network:

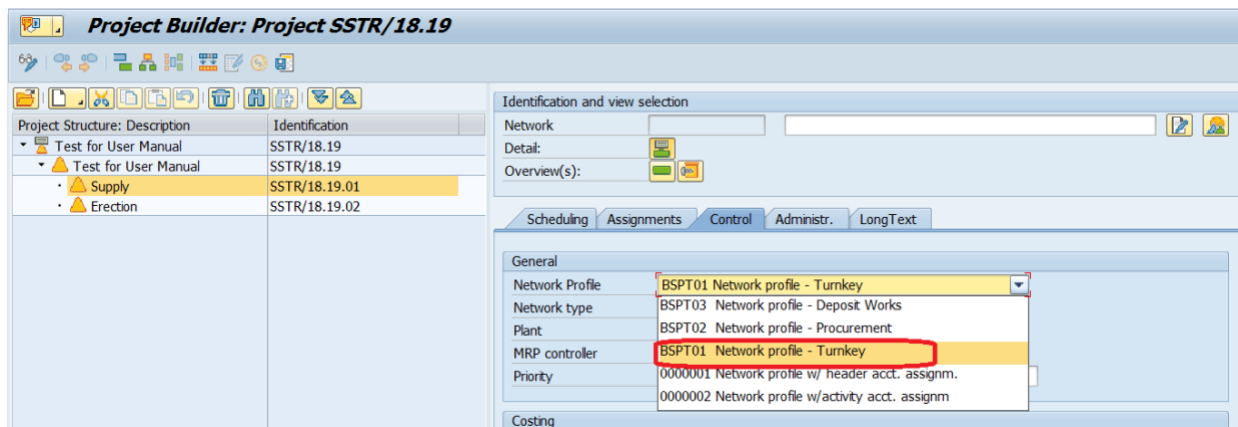
<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<p>Right click on WBS element - CGSS/18.36.01.01 → Create → Network → Type in Network description i.e. Bay 1. Select the relevant network profile and press Enter.</p> <p>Observe the network symbol, control tab and Save. Network number will be generated after saving</p>





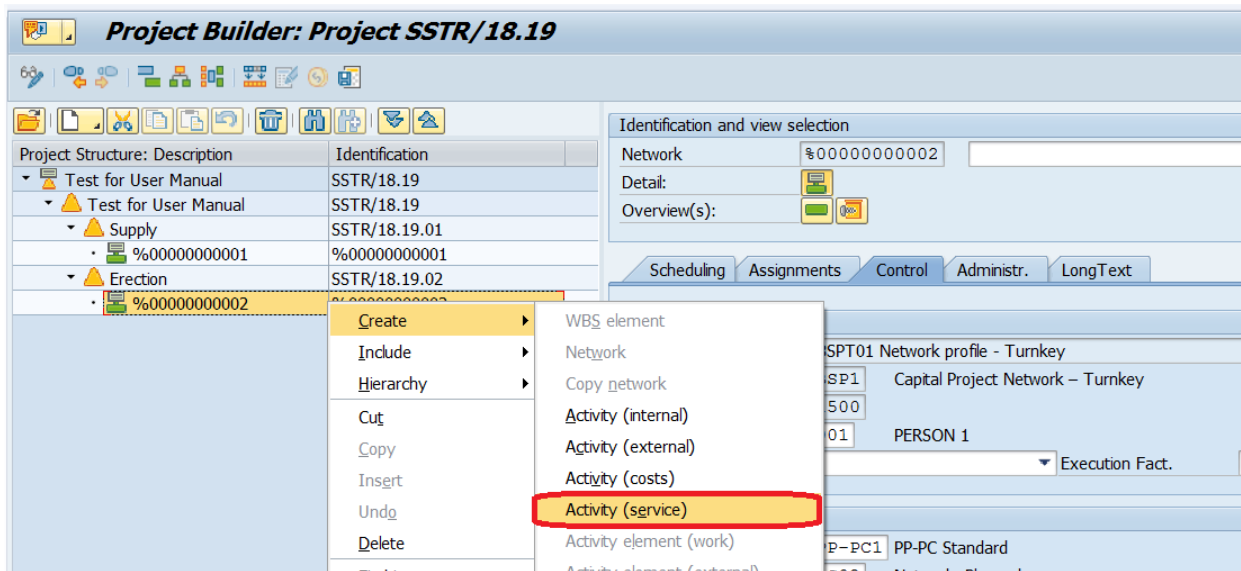


## Project – SUGAM End User Manual Project System



### 2.1 Create Network Activity:

SAP T-code	CJ20N
Process	Right click on Network → Create→Activity (Service). Type Activity description. Enter all the required details then press Enter.



SAP T-code	CJ20N
Process	Select Service no. from F4 help then press Enter to get the description. Select required Service code and enter the quantity and price will be taken automatically.



# Project – SUGAM End User Manual Project System



Service Specifications Outline Edit Goto Entry Variant System Help

Service Specifications: Ext. Specs f. Task List Maintain

Service Selection

Sh. Text Total Value 0.00 INR

Limits Services

Line D.. Service No. Sh. Total Value

Activity Number (1) 121 Entries found

Standard Service Catalog Service by Short Text Classification

Service Short Text	Activity	Language
LSMW Testing of PT test	1000089	EN
LSMW repairing of CC	1000090	EN
LSMW Inspection of meter test	1000091	EN
DNU	3000111	EN
Service Project	3000112	EN
DNU	3000113	EN
Soil Investigation in all kinds of Soil	3000114	EN
Service Project 1	3000115	EN
Service Project 11	3000116	EN
computer repair	3000117	EN
Soil Investigation	3000118	EN
tower erection of various type of tower	3000121	EN
Installation of Danger plate	3000122	EN

Service Specifications: Ext. Specs f. Task List Maintain

Service Selection

Sh. Text Total Value 0.00 INR

Limits Services

Line	D..	Service No.	Short Text	Quantity	Un	Gross Price	Crcy
10		3000187		4			INR
20							INR
30							INR
40							TMR

Identification and view selection

Activity %00000000002 0010 Service 0010

Detail: [Green Box]

Overview(s): [Icons]

Internal Extnl Dates Assignments Long Text User fields Qualification Additional data Progress

External processing

System Status CRTD SETC Control key PS04  Subntwk exists

WBS element SSTR/18.19.02 Plant 1500  Project Sum.

Subcontr.

Info record Purchasing Org. 1000 Material Group SER-PROJ

Vendor Purch. group P01 Sort Term

Outl. agreement / Requisitioner

Price 2,000.00 INR per 1 Recipient

Cost Element  FixPrice Tracking Number

Pl. Delv. Time



## Project – SUGAM End User Manual Project System



### 2.2 Create Network Activity:

<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Right click on Network → Create → Activity(internal) → Type Activity description</b>

**Project Builder: Project SSTR/18.19**

Project Structure: Description | Identification

- Test for User Manual | SSTR/18.19
  - Test for User Manual | SSTR/18.19
    - Supply | SSTR/18.19.01
      - %000000000001 | %000000000001
    - Erection | SSTR/18.19.02
      - Erection | %000000000000
        - Service 0010 | %000000000000

Identification and view selection

Network: %000000000001

Detail: [Icon]

Overview(s): [Icon]

Context Menu:

- Create
  - WBS element
  - Network
  - Copy network
  - Activity (internal)** (highlighted)
  - Activity (external)
  - Activity (costs)
  - Activity (service)
- Include
- Hierarchy
- Cut
- Copy
- Insert
- Undo

Table: Prim. Costs | Total

	Norma...	N...	Wor
		DAY	
		DAY	
		DAY	
		DAY	

<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Select Network Activity just created → Component Overview in work area</b>

**Project Builder: Project SSTR/18.19**

Project Structure: Description | Identification

- Test for User Manual | SSTR/18.19
  - Test for User Manual | SSTR/18.19
    - Supply | SSTR/18.19.01
      - %000000000001 | %000000000001
    - Erection | SSTR/18.19.02
      - Erection | %000000000000
        - Service 0010 | %000000000002 0010

Identification and view selection

Network: %000000000001

Detail: [Icon]

Overview(s): [Icon]

Table: Int. Processing | Ext. Processing | Prim. Costs | Total

Acti...	Description	Norma...
0010	<b>Supply</b> (highlighted)	
0020		
0030		



# Project – SUGAM End User Manual Project System



**Project Builder: Project SSTR/18.19**

Project Structure: Description | Identification

- Test for User Manual | SSTR/18.19
  - Test for User Manual | SSTR/18.19
    - Supply | SSTR/18.19.01
      - %000000000001 | %000000000001
      - Supply | %000000000001 0010
    - Erection | SSTR/18.19.02
      - Erection | %000000000002
      - Service 0010 | %000000000002 0010

Identification and view selection

Activity: %000000000001 0010 Supply

Detail: [Green Arrow]

Overview(s): [Green Arrow]

Internal | Extnl | Dates | **Component Overview** | Text | User fields

General data

System Status: CRTD SETC [Info] Control key

WBS element: SSTR/18.19.01

Work center: / 1500 DistKeyCap

**Project Builder: Project SSTR/18.19**

Project Structure: Description | Identification

- Test for User Manual | SSTR/18.19
  - Test for User Manual | SSTR/18.19
    - Supply | SSTR/18.19.01
      - %000000000001 | %000000000001
      - Supply | %000000000001 0010
    - Erection | SSTR/18.19.02
      - Erection | %000000000002
      - Service 0010 | %000000000002 0010

Identification and view selection

Activity: %000000000001 0010 Supply

Detail: [Info]

Overview(s): [Green Arrow]

Total: **Purch.**

Ite...	Material	Plant	PReq	Col.	Indic.	Requirement	qty	Bas...	Pr...	I...	R...	Pur	P.P	Requisitioner	Mat
0010	1200000002	1500					10		130	2		1000	p01	Ambarish	
0020		1500							130	2					
0030		1500							130	2					
0040		1500							130	2					

Enter the material code manually or select from F4 help. Enter the required quantity.

Enter the mandatory details as shown and Save.  
SOR Price is fetched from Material Master.

**Purchasing Data**

Purchase Req. / 0  Manual Reqmt Date  CostRel

Requirement qty: [ ] 10 KM  Align. Finish Date  UnitCost.

Reqmts date: 15.09.2020  Align. to Start Date

Offset: [ ] [ ]

Procurement Type: PReq + Reservation for WBS Element

Purch. Group: P01 Purch.org.: 1000 Price/currency: 750.00 [ ] INR

Info record: [ ] Price unit: 1 KM  FixPrice

Outl. Agreement: [ ] / [ ] G/L Account: 730104

Vendor: [ ] GR proc. time: [ ] Del time (days): [ ]



# Project – SUGAM End User Manual Project System



System will generate the Auto Reservation number

Identification and view selection

Material: 1200000002 / 1500  
Item category: MSCJ for conductor  
Detail: L  
Overview(s):

Item: 0030 Item Text:

General Data | Purch. Data | Proc.Param | LongText | Assignmnt

General Data

Reservation: 1099 / 3  
Requirement qty: 10 KM  
Reqmt Date: 15.09.2020  
Offset: Distribution:  
Procurement Type: PReq + Reservation for WBS Element

Project SSTR/18.19 is being changed

Long Text which is entered in Material Master under Purchase Order Text will be displayed in CJ20N screen under Activity in Long Text Tab

Project Builder: Project SSTR/18.19

Project Structure: Description | Identification

- Test for User Manual | SSTR/18.19
  - Test for User Manual | SSTR/18.19
    - Supply | SSTR/18.19.01
      - 4000773 | 4000773
        - Supply | 4000773 0010
          - MSCJ for conductor | 0010 1200000002
- Erection | SSTR/18.19.02
  - Erection | 4000774
    - Service 0010 | 4000774 0010

Identification and view selection

Material: 1200000002 / 1500  
Item category: MSCJ for conductor  
Item: 0010 Item Text:

General Data | Purch. Data | Proc.Param | LongText | Assignmnt

Circuit breakers are made in varying sizes, from small devices that protect low-current circuits or individual household appliance, up to large switchgear designed to protect high voltage circuits feeding an entire city. The generic function of a circuit breaker, RCD or a fuse, as an automatic means of removing power from a faulty system is often abbreviated as OCPD (Over Current Protection Device).



# Project – SUGAM End User Manual Project System




### 3. Project Estimation:

SAP T-code

ZPSEST

Select Project Type and Enter Project Number, select Material (Supply) radio button then Execute

**Project Estimation Report**



variant

Project Type

Variant

Current Project Number

Selection

Material Code

Service Code

Total Project Cost

Total Estimation

Enter required Taxes and then click on Calculate Tax button then save.

Note:

**Calculate tax:** If this radio button is not selected after entering tax percentages system will not calculate the tax value.

**Save Data:** After Calculating Tax, data should be Save.

SAP

Project Name: Test for User Manual

Reservation Number	Line	Material Code	Desc	UOM	QTY	Project	Deletion indicator	*Basic Price	†Total Supply Price	Basic	SGST%	*Basic	SGST	Amount	Basic	CGST%	*Basic	CGST	Amount	Basic	IGST%	*Basic	IGST	Amount	†Total Supply With GST	F&I%	*F
1099	1	120000002	MSCJ for conductor	KM	10.000	SSTR/18.19		750.00	0.00	9		0.00	9		0.00		0.00		0.00		0.00		0.00	0.00	0.00	0.00	4

RECORD SAVED SUCCESSFULLY



## Project – SUGAM End User Manual Project System



Select Project Type and Enter Project Number, select Service (Erection) radio button then Execute

**Project Estimation Report**

variant

Project Type: DEPOSIT  
Variant: /SERVICE 1

Current Project Number: SSTR/18.19

Selection

Material Code  
 Service Code  
 Total Project Cost  
 Total Estimation

Enter required Taxes and then click on Calculate Tax button then save.

SAP

Save data Calculate Tax

Project Name: Test for User Manual

Pack Number	Material Code	Desc	UOM	QTY	Basic Price	Total Erection Price	Project Deletion indicator	Basic SGST%	Basic SGST Amount	Basic CGST%	Basic CGST Amount	Basic IGST%	Basic IGST Amount	WBSE	Total Erection With GST	
3091	3000187	SCADA INSTALLATION HA	4.000		500.00	0.00	SSTR/18.19	9	0.00	9	0.00	0.00	0.00	0.00	SSTR/18.19.02	0.00

RECORD SAVED SUCCESSFULLY



## Project – SUGAM End User Manual Project System



Select Project Type and Enter Project Number, select Total Project Cost radio button then Execute

### Project Estimation Report

variant

Project Type: DEPOSIT  
Variant: /DEPOSITHEAD

Current Project Number: SSTR/18.19

Selection

Material Code  
 Service Code  
 Total Project Cost  
 Total Estimation

Enter required Taxes and then click on Calculate Tax button then save.

SAP

Save data Calculate Tax

Project Name: Test for User Manual

Total Supply + F&I + Erection without GS	Contingency Percent	Contingency Amount	Audit Accounting %	Audit Accounting Amount	Establishment %	Establishment Amount	Maintenance %	Maintenance Amount	Loss of Stock %	Loss of Stock Amount	Total Administrative
2,000.00	5	0.00	5	0.00	6	0.00	1	0.00	0.25	0.00	0.00
2,000.00		0.00		0.00	0	0.00		0.00	0	0.00	0.00

RECORD SAVED SUCCESSFULLY





## Project – SUGAM End User Manual Project System



Select Project Type and Enter Project Number, select Total Estimation radio button then Execute

### Project Estimation Report

variant

Project Type: DEPOSIT  
Variant: /DEPOSITHEAD

Current Project Number: SSTR/18.19

Selection

Material Code  
 Service Code  
 Total Project Cost  
 Total Estimation

### SAP

Project Name: Test for User Manual

Total Estimation Value	Land Power Interruption	Grand Estimation Total
3,389.71	2,500.00	6,889.71

RECORD SAVED SUCCESSFULLY

**From Here FLM Process starts**



## Project – SUGAM End User Manual Project System



### 4. Project Consolidation:

SAP T-code | ZPSCONSOL

Enter Project Number check the Pre-approved Project Details.

**CONSOLIDATED DATA**

Project

Project Number: SSTR/18.19

Comparison Sheet  
 Consolidation Sheet  
 Approved/Rejected Projects

select options

Preapproved  
 Addition/Deletion  
 Postapproved

System will show the Pre-approved project details

Material Code	Desc	Reservation / Pack Number	UOM	QTY	Project Number	Project Name	Basic Price	Total Supply Price	Total Erection Price	Total Supply With GST	Total Erection With GST	Basic SGST%	Basic SGST Amount	Basic CGST%
1200000002	MSCJ for conductor	1099	KM	10.000	SSTR/18.19	Test for User Manual	750.00	7,500.00	0.00	8,850.00	0.00	9	675.00	9
3000187	SCADA INSTALLATION	3091	HAR	4.000	SSTR/18.19	Test for User Manual	500.00	0.00	2,000.00	0.00	2,360.00	9	180.00	9
								7,500.00	2,000.00	8,850.00	2,360.00		855.00	

If you add / Delete materials in Project, system will show the data in Addition/Deletion radio button

### New Material Added/Deleted

**Project Builder: Project SSTR/18.19**

Identification and view selection

Activity: 4000773 | 0010 | Supply

Detail: [Icons]

Overview(s): [Icons]

Total | Purch.

Item no.	Material	Plant	Requirement qty	Bas...	Pr...	I...	R...	Sto...	BOM expl...	Description
0010	1200000002	1500		10	KM	130	L	2	1000	
0020	2600000024	1500		2		130		2		MSCJ for conductor



## Project – SUGAM End User Manual Project System



### New Service Added/Deleted

**Service Specifications: Ext. Specs f. Task List Maintain**

Service Selection

Sh. Text: Service 0010      Total Value: 2,000.00      INR

Line	D.	Service No.	Short Text	Quantity	Un	Gross Price	Crcy
10		3000187	SCADA INSTALLATION	4	HA	500.00	INR
20		3000186		2			INR
30							INR
40							INR

Project SSTR/18.19 is being changed

**Note: After adding/Deletion of Materials /Services in Project then go to t code ZPSEST add the Taxes for new items .If Taxes are not added system will not display the added/deleted data in T code ZPSCONSOL under Addition/Deleted radio button.**

**CONSOLIDATED DATA**

Project

Project Number: SSTR/18.19 to

Comparison Sheet  
 Consolidation Sheet  
 Approved/Rejected Projects

select options

Preapproved  
 Addition/Deletion  
 Postapproved

System will show the Added items with Green Color and deleted items with Red Color

**SAP**

Material Code	Desc	Reservation / Pack Number	UOM	QTY	Project Number	Project Name	Basic Price	Total Supply Price	Total Erection Price	Total Supply With GST	Total Erection With GST	Basic SGST%	%E
260000024	Single Suspension T Fittings	1099	ST	2,000	SSTR/18.19	Test for User Manual	2,000.00	4,000.00	0.00	4,720.00	0.00	9	
120000015	PA Rod (complete set) for conductor	1099	NO	5,000	SSTR/18.19	Test for User Manual	1,020.00	5,100.00	0.00	6,018.00	0.00	9	
3000186	Forest Clearance,Comp.afforestation cost	3091	HAR	2,000	SSTR/18.19	Test for User Manual	100.00	0.00	200.00	0.00	236.00	9	
3000182	Circuit plate instalation	3091	LE	1,000	SSTR/18.19	Test for User Manual	100.00	0.00	100.00	0.00	118.00	9	
							<b>9,100.00</b>	<b>300.00</b>	<b>10,738.00</b>	<b>354.00</b>			

System will differentiate with "X" indicator in respective fields



## Project – SUGAM End User Manual Project System



**SAP**

IDC Percent	IDC Amount	Contingency estimate percent	Contingency estimate Amount	Contingency Percent	Contingency Amount	Total Capital Estimation Value	Total Supply with F&I + total erect wt. WBSC	Deletion indicator	Added Item	Deleted Item
0	0.00	0	0.00	0	0.00	4,908.80	4,908.80 SSTR/18.19.01		X	X
0	0.00	0	0.00	0	0.00	236.00	236.00 SSTR/18.19.02		X	X
0	0.00	0	0.00	0	0.00	0.00	0.00 SSTR/18.19.02		X	X
<b>0 -</b>	<b>0.00</b>	<b>0 -</b>	<b>0.00</b>	<b>0 -</b>	<b>0.00 -</b>	<b>5,144.80</b>				

**Post Approved:** After all Approvals (addition/Deletion of Materials/Services) system will remove the deleted materials/Services and will show the data.

**Project Comparison / Consolidation Report**

Project

Project Number:

Comparison Sheet  
 Consolidation Sheet  
 Approved/Rejected Projects

select options

Preapproved  
 Addition/Deletion  
 Postapproved

**SAP**

Material Code	Desc	Reservation / Pack Number	UOM	QTY	Project Number	Project Name	Basic Price	Total Supply Price	Total Erection Price	Total Supply With GST	Total Erection With GST	Basic SGST%	Basic SG
2600000024	Single Suspension T Fittings	1117	ST	2.000	SSTR/18.25	Test for User Manual	2,000.00	4,000.00	0.00	4,720.00	0.00	9	
3000186	Forest Clearance,Comp.afforestation cost	3103	HAR	2.000	SSTR/18.25	Test for User Manual	1,000.00	0.00	2,000.00	0.00	2,360.00	9	
								<b>4,000.00</b>	<b>2,000.00</b>	<b>4,720.00</b>	<b>2,360.00</b>		

**Project Comparison / Consolidation Report**

Project

Project Number:

Comparison Sheet  
 Consolidation Sheet  
 Approved/Rejected Projects


Neither Project should approved /rejected and to be saved. System will not allow to release Project in CJ20N




## Project – SUGAM End User Manual Project System



**SAP**






Project Number	Project Name	Consolidation Value	Approve	Reject
SSTR/18.19	Test for User Manual	26,486.27	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<b>26,486.27</b>		

RECORD SAVED SUCCESSFULLY

If you double click on the Consolidation value after saving the data system will show the breakup of the displaying amount with Taxes


**SAP**




Project	Material Val..	Service value
SSTR/18.19	20,371.52	2,714.00
	<b>20,371.52</b>	<b>2,714.00</b>

### For Approved /Rejected Projects

**Project Comparison / Consolidation Report**



Project

Project Number:  

Comparison Sheet

Consolidation Sheet

Approved/Rejected Projects

Approved Projects

Rejected Projects



# Project – SUGAM End User Manual Project System



**SAP**

Project Number	Project Name	Σ Material Value	Σ Service Value	Σ Consolidation Value
SSTR/18.19	Test for User Manual	20,371.52	2,714.00	26,486.27
		<b>▪ 20,371.52</b>	<b>▪ 2,714.00</b>	<b>▪ 26,486.27</b>

**Project Comparison / Consolidation Report**

Project

Project Number:

Comparison Sheet  
 Consolidation Sheet  
 Approved/Rejected Projects

Approved Projects  
 Rejected Projects

**SAP**

Project Number	Project Name	Σ Material Value	Σ Service Value	Σ Consolidation Value
SSTR/18.18	Test for Est & Consol	10,247,739.74	5,483,460.00	12,488,157.12
		<b>▪ 10,247,739.74</b>	<b>▪ 5,483,460.00</b>	<b>▪ 12,488,157.12</b>



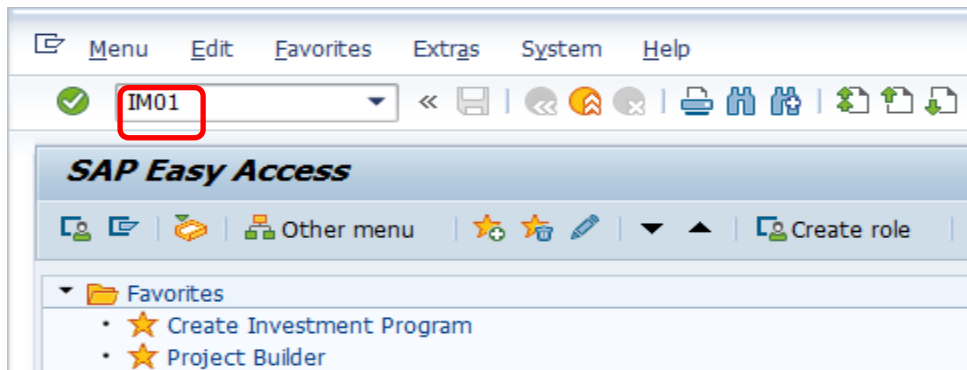
**Project – SUGAM  
End User Manual  
Project System**



**From Here FLM Process starts**

**5. Create Investment Program definition:**

<b>SAP T-code</b>	<b>IM01</b>
<b>Process</b>	<b>Enter IM01 in Transaction box and click Enter or Tick symbol</b>



<b>SAP T-code</b>	<b>IM01</b>
<b>Process</b>	<b>Type New Inv. program Name, Approval year and Select Program type from drop down button (or press F4 Key) and press Enter</b>



## Project – SUGAM End User Manual Project System



### Create Inv. Program Definition

Inv.program BSPTC010  
Approval year 2020  
Program type bspt

SAP T-code	IM01
Process	Select Fiscal Year Variant - V3 and currency - INR and press SAVE button

Inv.prog. definition Edit Goto Settings Extras Environment System Help

Save

### Create Inv. Program Definition

Inv.program BSPTC010 Test for User manual  
Approval year 2020  
Program type BSPT Capital Investment Program- BSPTCL

Budg.dist annl  Budg.catg.  Assignment Lock

Person respons.

Fi.Year Variant v3 Default lang.   
Currency INR

SAP T-code	IM01
Process	Observe the Inv Program definition created in the left hand





**Project – SUGAM  
End User Manual  
Project System**



**bottom notification**

**Create Inv. Program Definition**

Inv.program

Approval year

Program type

Reference

Inv.program

Approval year

Inv. program BSPTC010/2020 created

**5.1 Create Top Position ID:**

<b>SAP T-code</b>	<b>IM11</b>
<b>Process</b>	<b>Type IM11 in the Transaction Box and press Enter button. Select Inv. program from dropdown (f4) select approval year and Type New Position ID and press Enter button</b>

**Create Inv. Program Positon**

Inv.program

Position ID

Approval year

<b>SAP T-code</b>	<b>IM11</b>
<b>Process</b>	<b>Enter Organizational units – Controlling Area and press SAVE</b>



**Project – SUGAM  
End User Manual  
Project System**



**button – System creates new Inv Prog Position ID**

Inv.prog.position Edit Goto Settings Extras Environment System Help

Save

### Create Inv. Program Positon

Assignments Allowed measures System and user status

Inv.program BSPTC010 Test for User manual  
 Position ID BSPTC010 Test for User manual  
 Approval year 2020

General Organizational units Depn simulation data User fields

Organizational units  
 Controlling area 1000 BSPTCL  
 Profit Center

### Create Inv. Program Positon

Inv.program BSPTC010  
 Position ID   
 Approval year 2020

Reference  
 Inv.program  
 Position ID  
 Approval year

Inv. prog. position BSPTC010/BSPTC010/2020 created

**5.2 Change Investment Program Structure:**

<b>SAP T-code</b>	<b>IM22</b>
<b>Process</b>	<b>Type IM22 in Transaction Box. Select Inv. Program from</b>



**Project – SUGAM  
End User Manual  
Project System**



**dropdown and select Approval year and press Enter.**

**Change Inv. Program Structure**

Inv.program	BSPTC010
Position ID	
Approval year	2020
To hierch.level	

<b>SAP T-code</b>	<b>IM22</b>
<b>Process</b>	<b>Select Top level Inv. Program position id and create new and Type New position id under Top level position id, Select check button and copy button</b>

Object Edit Goto View System Help

Structure of BSPTC010/2020

```
BSPTC010/2020 Test for User manual
├── BSPTC010 Test for User manual
```



# Project – SUGAM End User Manual Project System



## Structure of BSPTC010/2020



BSPTC010/2020 Test for User manual

BSPTC010 Test for User manual

Create Inv. Program Positions

Subordinate to.. Position ID BSPTC010  
 Arr. equally Inv.program BSPTC010  
Approval year 2020

Fast entry

Position ID	Name	IR	Pr.	Scale	Respons.
BSPTC010.01	Test 1				
BSPTC010.02	Test 2				

Check Copy Cancel

## Structure of BSPTC010/2020



BSPTC010/2020 Test for User manual

BSPTC010 Test for User manual

BSPTC010.01 Test 1

BSPTC010.02 Test 2



# Project – SUGAM End User Manual Project System



## Structure of BSPTC010/2020



BSPTC010/2020 Test for User manual

- BSPTC010 Test for User manual
  - BSPTC010.01 Test 1
  - BSPTC010.02 Test 2

Create Inv. Program Positions

Subordinate to.. Position ID BSPTC010.01  
 Arr. equally Inv. program BSPTC010  
Approval year 2020

Position ID	Name	IR	Pr.	Scale	Respons.
BSPTC010.01.01	Sub Level				

Check Copy Cancel

Object Edit Goto View System Help



## Structure of BSPTC010/2020



BSPTC010/2020 Test for User manual

- BSPTC010 Test for User manual
  - BSPTC010.01 Test 1
    - BSPTC010.01.01 Sub Level
  - BSPTC010.02 Test 2



**Project – SUGAM  
End User Manual  
Project System**



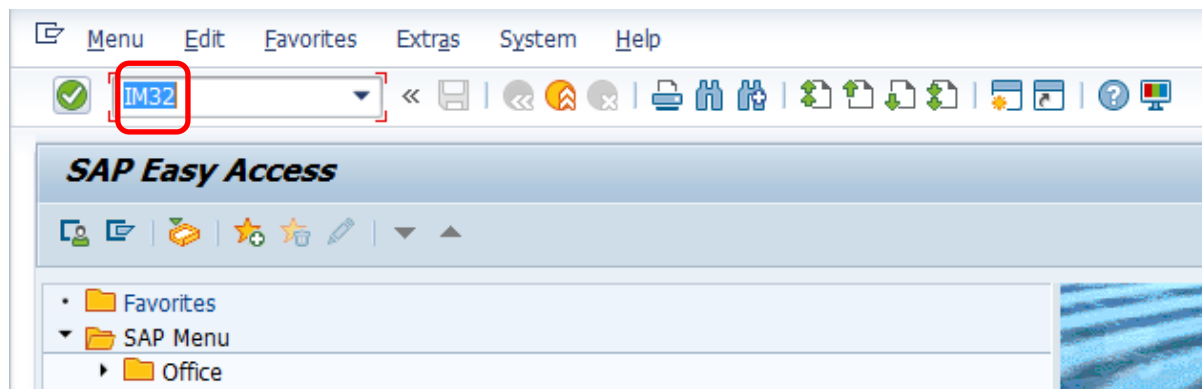
### Change Inv. Program Structure



Inv.program	BSPTC010
Position ID	BSPTC010
Approval year	2020
To hierch.level	

Data was saved

### 5.3 Change Original Program Budget:

SAP T-code	IM32
Process	Type IM32 in Transaction Box



	<b>Project – SUGAM End User Manual Project System</b>	
---	---	---

<b>SAP T-code</b>	<b>IM32</b>
<b>Process</b>	<b>Select Inv. Program, Position ID and Approval year and press Enter</b>

**Change Original Program Budget: Initial Screen**

Investment program

Position ID   With Path

Approval year

To-hierarchy level

<b>SAP T-code</b>	<b>IM32</b>
<b>Process</b>	<b>Give Budget for Lower level position ids and total up to the Top level Program position id using F9 or 'Edit' -&gt; 'Total Up' in the menu bar.</b>



# Project – SUGAM End User Manual Project System



## Change Original Program Budget: Item Overview



Inv.program BSPTC010 / 2020 Test for User manual

Approval Period Current

Period 0 Overall

### Overall values

Lev Program item	Budget	Tra...	Current budget	Distributed	Distributable
1 Test for User manual	20,000,000	INR	20,000,000	20,000,000	
2 Test 1	10,000,000	INR	10,000,000	10,000,000	
3 Sub Level	10,000,000	INR	10,000,000		10,000,000
2 Test 2	10,000,000	NR	10,000,000		10,000,000

Budget Edit Goto Settings Extras System Help

- Select
- Total Up F9
- Copy View Shift+F1
- Revaluate
- Delete Shift+F2
- Cancel F12

## Change Original Program Budget: Item Overview



Inv.program Test for User manual

Approval Period Current

Period 0 Overall

### Overall values

Lev Program item	Budget	Tra...	Current budget	Distributed	Distributable	Plan
1 Test for User manual	20,000,000	INR	20,000,000	20,000,000		
2 Test 1	10,000,000	INR	10,000,000	10,000,000		
3 Sub Level	10,000,000	INR	10,000,000		10,000,000	
2 Test 2	10,000,000	INR	10,000,000		10,000,000	





**Project – SUGAM  
End User Manual  
Project System**



**Change Original Program Budget: Initial Screen**

Investment program

Position ID   With Path

Approval year

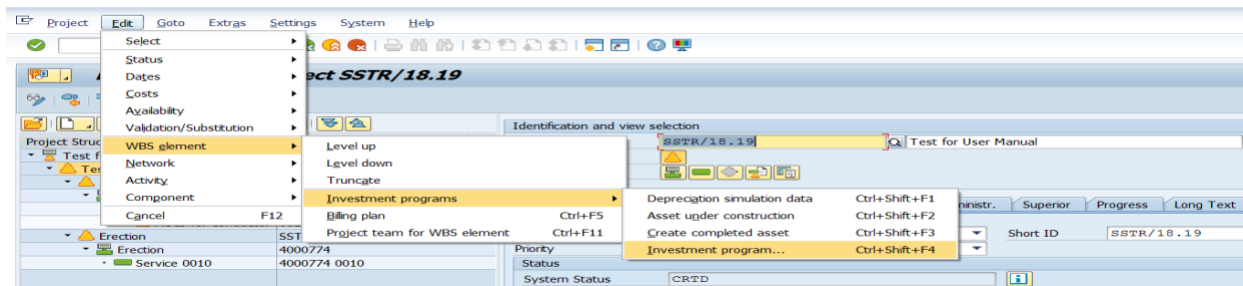
To-hierarchy level

Currency

Document 1000000302 posted

**6. Assign Investment Measure (Project) to Inv. Program Position id**

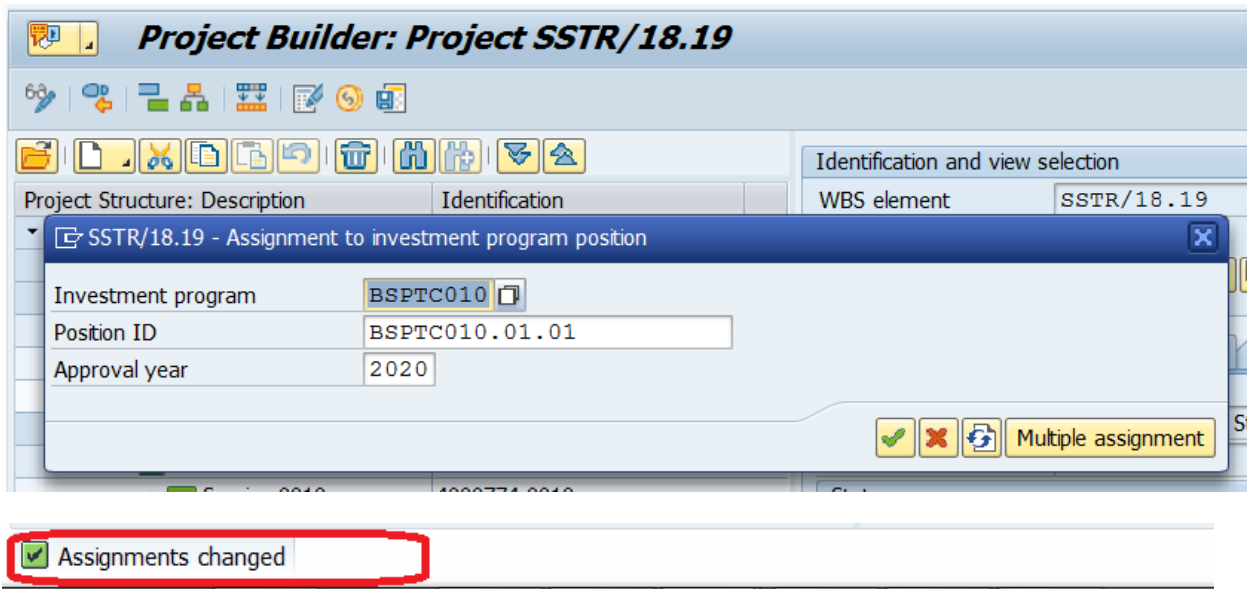
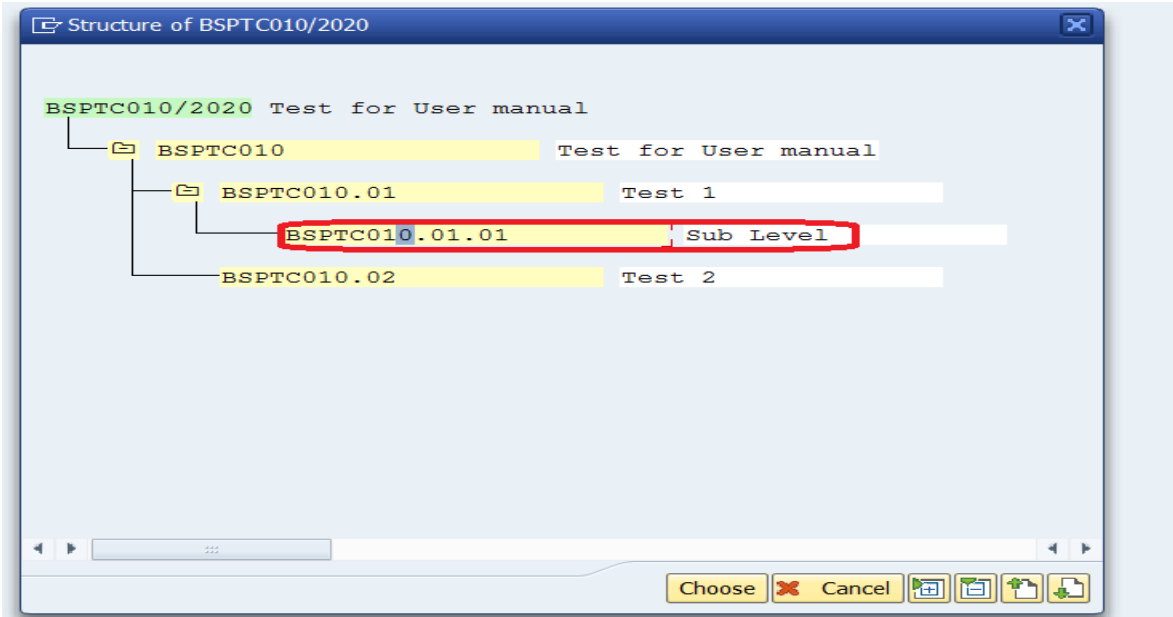
<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Select L1 WBS element → Edit → WBS element → Investment program → Investment program position id</b>



<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Select relevant Investment program, Position id from F4 and approval year then Save.</b>



# Project – SUGAM End User Manual Project System



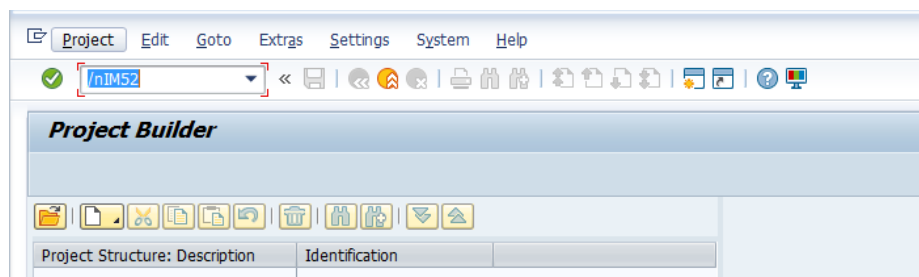


## Project – SUGAM End User Manual Project System



### 7. Allocate Budget to Investment Measure (Project):

<b>SAP T-code</b>	<b>IM52</b>
<b>Process</b>	<b>Type IM52 in the Transaction box</b>



<b>SAP T-code</b>	<b>IM52</b>
<b>Process</b>	<b>Select relevant Investment program, Position id and approval year, Select 'Original' Radio button to provide budget</b>

**Budget distribution**

[Green checkmark icon]

Investment program:

Position ID:

Approval year:

Currency:

Measures in Approval Period

Select current-year measures  
 Select carried-fwd measures

Process transactions

Original  
 Supplements  
 Returns



# Project – SUGAM End User Manual Project System



<b>SAP T-code</b>	<b>IM52</b>
<b>Process</b>	<b>Provide the budget at Overall and Annual level accordingly. Save.</b>

Budget Edit Goto Settings Extras System Help

Change Original Budget Distribution: Item Overview

Inv.program: BSPTC010 / 2020 Test for User manual

Approval Period: Current

Period: 0 Overall

Overall values								
Lev	Program item	Budget	Tra...	Current budget	Distributed	Distributable	Carryforward	CO...
1	Test for User manual	20,000,000	INR	20,000,000	20,000,000			INR
2	Test 1	10,000,000	INR	10,000,000	10,000,000			INR
3	Sub Level	10,000,000	INR	10,000,000	5,000,000	5,000,000		INR
4	Test for User Manual	5,000,000	INR	5,000,000		5,000,000		INR
2	Test 2	10,000,000	INR	10,000,000		10,000,000		INR

Document 100000303 posted

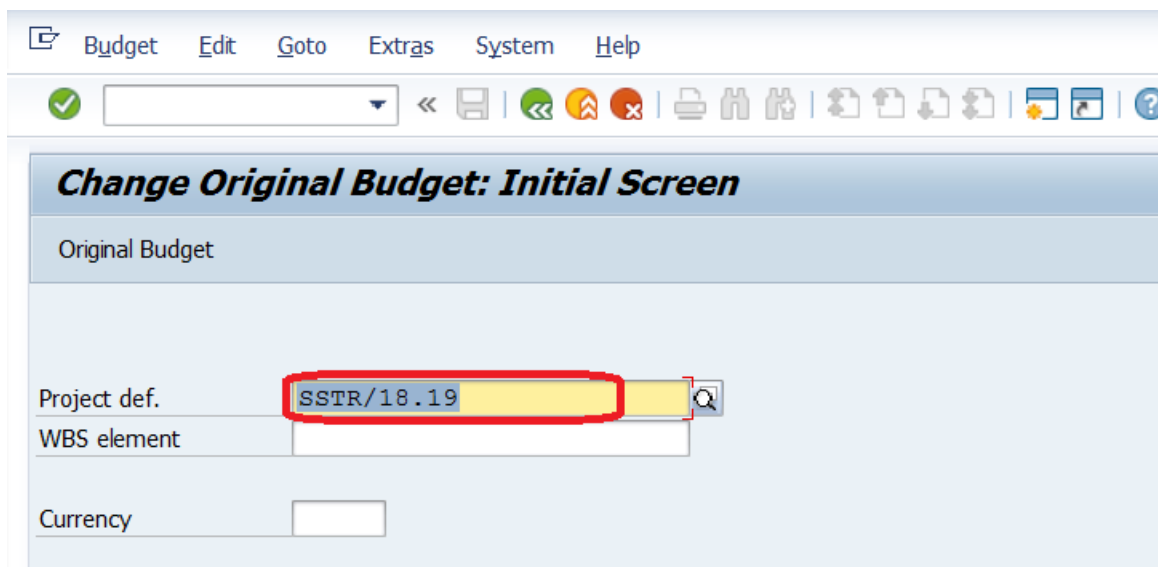


## Project – SUGAM End User Manual Project System



### 7.1 Assign budget to lower level WBS elements:

SAP T-code	CJ30
Process	Enter CJ30 to open project budgeting





# Project – SUGAM End User Manual Project System



SAP T-code	CJ30
Process	Observe that L1 WBS element already has budget which is from Investment Management transactions and it's in grey mode (non-editable). Here, input the budget to lower level WBS elements as required.

Budget Edit Goto Settings Extras System Help

Change Original Budget: WBS Element Overview

Proj.def: SSTR/18.19 Test for User Manual  
Period: 0 Overall  
Views in: 0 Controlling area currency

Overall values										
E..	Lev	WBS Element	Budget	Tra...	Current budget	Distributed	Distributable	Planned total V...	Release	
	1	Test for User Manual	5,000,000	INR	5,000,000		5,000,000	9,500		
	2	Supply	7,500	INR				7,500		
	2	Erection	2,000	INR				2,000		

Change Original Budget: Initial Screen

Original Budget

Project def. SSTR/18.19  
WBS element  
Currency

Document 010000222 posted



# Project – SUGAM End User Manual Project System



## 7.2 Budget Release

SAP t-code	CJ32
Process	Enter Project Definition

Release Edit Goto Extras System Help

Change Release: Initial Screen

Release

Project def. **SSTR/18.19**

WBS element

Enter the amount to be released

Release Edit Goto Settings Extras System Help

Change Release: WBS Element Overview

Proj.def. SSTR/18.19 Test for User Manual

Period 0 Overall

Views in 0 Controlling area currency

Overall values								
E..	Lev	WBS Element	Release	Tra...	Current budget	Distributed	Distributable	Planned total V...
1		Test for User Manual	9,500	INR	5,000,000	9,500		9,500
2		Supply	7,500	INR	7,500		7,500	7,500
2		Erection	2,000	INR	2,000		2,000	2,000

Document 010000223 posted



# Project – SUGAM End User Manual Project System



## 8. Project Release: Project Execution

<b>SAP t-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Select relevant WBS Element → select Edit TAB → Status → Release → Check the Status in System Status field</b>

### IF Project is Rejected:

If you try to release rejected projects system will show below error

The screenshot displays the SAP Project Builder interface. The top menu bar includes 'Project', 'Edit', 'Goto', 'Extras', 'Settings', 'System', and 'Help'. The 'Edit' menu is open, showing options like 'Select', 'Status', 'Dates', 'Costs', 'Availability', 'Validation/Substitution', 'WBS element', and 'Network'. The 'Status' option is highlighted, and its sub-menu is open, showing 'Release' (Ctrl+F2), 'Lock', 'Unlock', 'Order accepted', 'Complete Technically', 'Fully invoiced', and 'Close'. Below the menu, the 'Project Builder: Project SSTR/18.18' window is visible. It shows a table with columns 'Project Structure: Description' and 'Identification'. The table contains two rows: 'Test for Est & Consol' with 'SSTR/18.18' and 'SSTR/18.18' with 'SSTR/18.18'. A warning icon is present next to the second row. An error dialog box is overlaid on top of the window, with the title 'Cancel' and the message 'project is Rejected'. The dialog box has an 'Exit' button and a help icon.



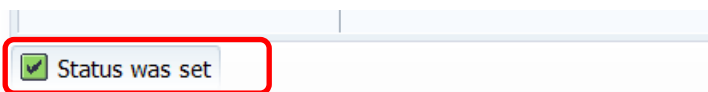


## Project – SUGAM End User Manual Project System



### IF Project is approved:

If Project is approved system will show the below message after release



Click Save after project release.

After Project Release System will generate PR number

Identification and view selection

Material 1200000015 / 1500  
PA Rod (complete set) for conductor

Item category L  
Detail:   
Overview(s):

Item 0020 Item Text

General Data Purch. Data Proc.Param LongText Assignmnt

Purchasing Data

Purchase Req. 1200000221 / 10  Manual Reqmt Date  CostRel  
Requirement qty 5 NO  Align. Finish Date  UnitCost.  
Reqmts date 15.09.2020  Align. to Start Date  
Offset

Procurement Type PReq + Reservation for WBS Element

Purch. Group P01 Purch.org. 1000 Price/currency 1,020.00 INR  
Info record  Price unit 1 NO  FixPrice  
Outl. Agreement  /  G/L Account 730104  
Vendor  GR proc. time  Del time (days)   
Material Group HWF-MSCJ Sort String   
Requisitioner  Recipient   
Tracking Number  Unloading Point

**By Using PR Number Procurement Process will start**



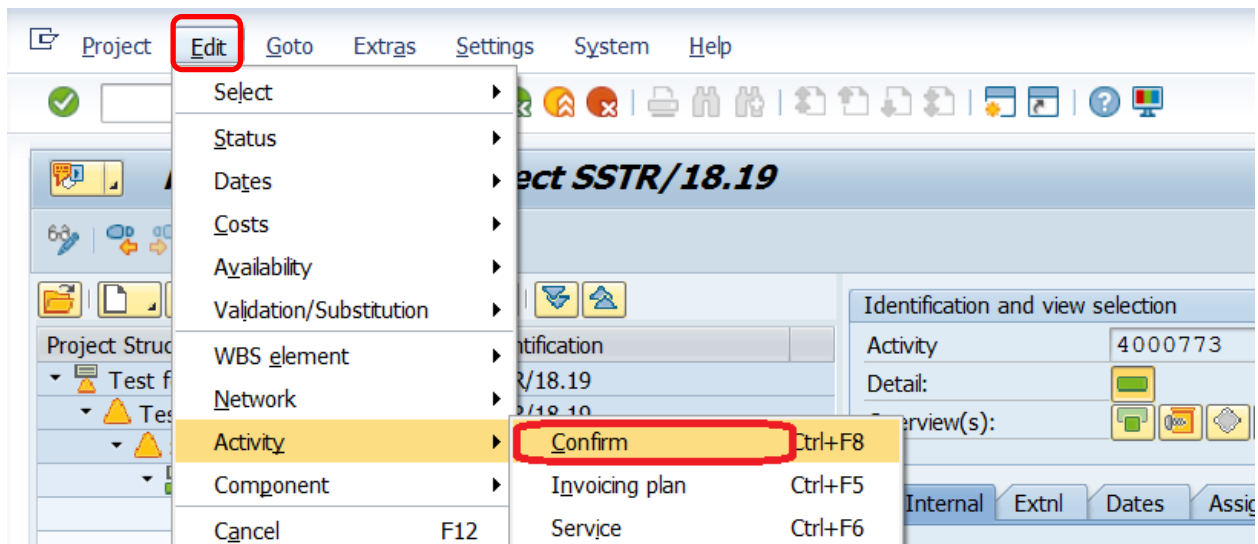
## Project – SUGAM End User Manual Project System



### 9. Activity Confirmation

SAP T-code	CJ20N
Process	Select the Internal Activity → Select Edit TAB → Select Activity → Select Confirm - System takes user to the next screen where Posting period and Actual work carried out dates needs to be entered → Select Finalconf. Tick mark if activity is 100% completed → select back button (green color) to get back to Project Builder Screen and → SAVE and check the System statuses (CNF) - confirmation carried out

Select Activity follow below Procedure





# Project – SUGAM End User Manual Project System



Enter Network Confirmation: Actual Data

Activity: 0010 Int. Processing 0010

Work Center: [ ] 1100

Personnel no.: [ ]

Wage type: [ ]

Reason: [ ] Short Descript.: [ ]

Processing

Processing %: 100 %

FinalConf  No date update

Completed  Clear Open Reservs.

Costs

Posting Date: 05.04.2019

Business Proc.: [ ] Complete

Activity Type: [ ]

Process Qty: [ ]

AcctIndicator: [ ]

Remaining Proc.: [ ]

Activity

	Start Date	Time	Finish Date	Time	Duration UoM	Work UoM
Earl.sched	05.04.2019		05.04.2019		0.0 DAY	0.0
Ltst.sched	05.06.2019		05.06.2019			
Actual					0 DAY	0.000

Confirm.

Actual: 05.04.2019 05.04.2019 [ ] DAY [ ] DAY

Forecast: [ ] [ ] [ ] DAY [ ] DAY

Buttons: [ ] [ ] [ ] [ ] [ ] [ ] [ ] Status [ ]

Project SSTR/18.19 is being changed



## Project – SUGAM End User Manual Project System



### 10. Period End Closing activities: Settlement of network costs to WBS Element

SAP T-code	CJ88
Process	Enter the t-code. Input the Project or WBSE number → Enter the parameters → Select check box for Detail List → Execute

Menu Edit Favorites Extras System Help

✓ /n CJ88

**SAP Easy Access**

Settlement Edit Goto Extras Environment System Help

✓

**Actual Settlement: Project/WBS Element/Network**

Go

Project CGSS/18.36  
or  
WBS Element  
or  
Network

With hierarchy  
 With orders

Parameters

Settlement Period 1 Posting period 1  
Fiscal Year 2019 Asset Value Date  
Processing Type Automatic

Processing Options

Test Run  
 Detail List  
 Check Trans. Data

Layouts



# Project – SUGAM End User Manual Project System



List Edit Goto Settings Extras Environment System Help

Actual Settlement: Project/WBS Element/Network Basic list

Selection

Selection Parameters	Value	Name
Project definition	CGSS/18.36	Test for Trunky Project
With orders	X	
With hierarchy	X	
Period	001	
Posting Period	001	
Fiscal Year	2019	
Processing Type	1	Automatic
Posting Date	30.04.2019	
Controlling Area	1000	BSPTCL
Currency	INR	Indian Rupee
Value Date	30.04.2019	

Processing Options

Selection Parameters	Value
Execution Type	Settlement Executed

Processing completed with no errors

Statistics

Processing Category	Σ	Number
Settlement Executed		3
No Change		4
Not Relevant		
Inappropriate Status		

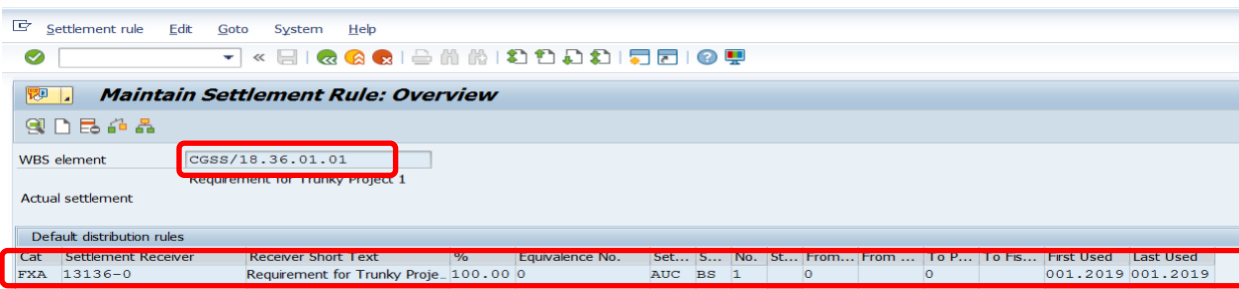
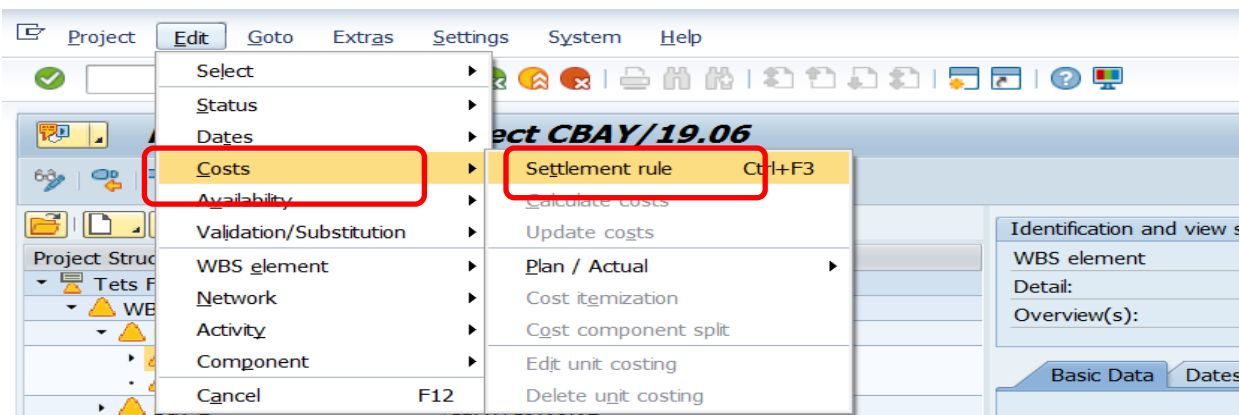
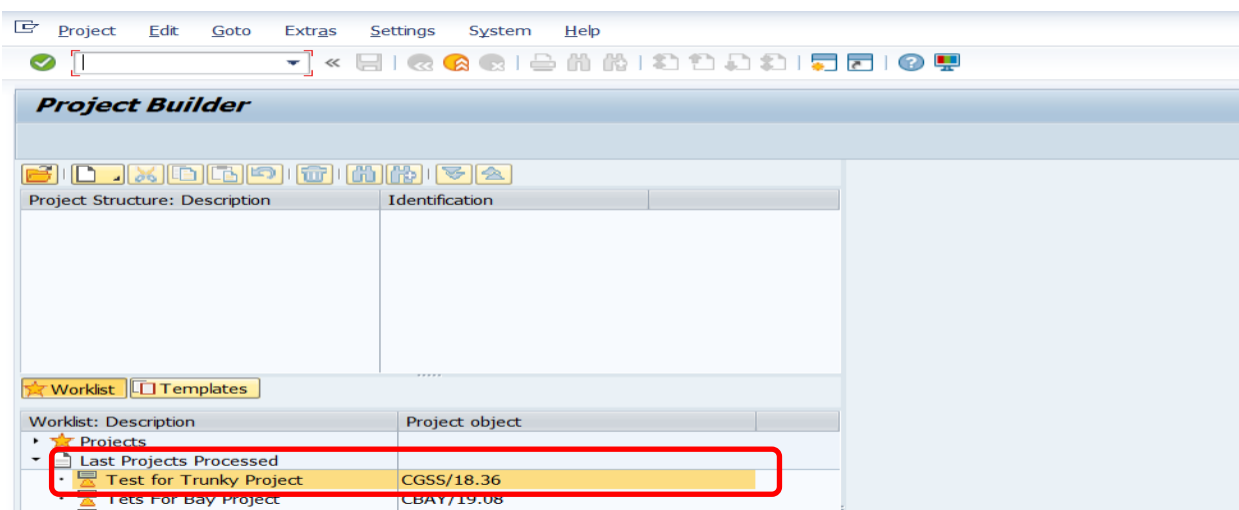


# Project – SUGAM End User Manual Project System



## 10.1

<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Open relevant project. Select WBS Element → Select Edit → Select Costs → Select Settlement rule → Go back → Observe the system status</b>





# Project – SUGAM End User Manual Project System



Project Builder: Project CGSS/18.36

Project Structure: Description | Identification

Test for Trunkly Project	CGSS/18.36
Test for Trunkly Project	CGSS/18.36
Test for Trunkly Project	CGSS/18.36.01
Requirement for Trunkly Project 1	CGSS/18.36.01.01
Requirement for Trunkly Project 2	CGSS/18.36.01.02

Identification and view selection

WBS element: CGSS/18.36.01.01 | Requirement for Trunkly Project

Detail: [Warning Icon]

Overview(s): [Icons]

Basic Data | Dates | Assignments | Control | User fields | Administr. | Superior

Proj.type: [Dropdown] | Short ID: [Dropdown]

Priority: [Dropdown]

System Status: REL | BUDG | ISBD | AUC | AVAC | NTUP | SETC

User status: [Dropdown]

<b>SAP T-code</b>	<b>CJ88</b>
<b>Process</b>	<b>Click on Details list. WBS element collected the costs as receiver</b>

Actual Settlement: Project/WBS Element/Network Basic list

[List Icon] [Info Icon]

Selection

Selection Parameters	Value	Name
WBS Element	CBAY/19.06.01.01	Bay 1 Details
With orders	X	
With hierarchy	X	
Period	001	
Posting Period	001	
Fiscal Year	2019	
Processing Type	1	Automatic
Posting Date	30.04.2019	
Controlling Area	1000	BSPTCL
Currency	INR	Indian Rupee
Value Date	30.04.2019	

Processing Options

Selection Parameters	Value
Execution Type	Settlement Executed

Processing completed with no errors

Statistics

Processing Category	Number
Settlement Executed	3
No Change	



## Project – SUGAM End User Manual Project System



### 10.2 Period End Closing activities: Settlement of AUC costs to Fixed Asset

<b>SAP T-code</b>	<b>CJ88</b>
<b>Process</b>	<b>Enter the t-code. Input the WBS element → Enter the parameters → Select check box for With hierarchy, With Orders and Detail List → Execute</b>

Settlement Edit Goto Extras Environment System Help

Actual Settlement: Project/WBS Element/Network

Project

or

WBS Element

or

Network

With hierarchy

With orders

Parameters

Settlement Period  Posting period

Fiscal Year  Asset Value Date

Processing Type

Processing Options

Test Run

Detail List

Check Trans. Data

Layouts





# Project – SUGAM End User Manual Project System



Actual Settlement: Project/WBS Element/Network Basic list

Selection

Selection Parameters	Value	Name
WBS Element	CGSS/18.36.01.01	Requirement for Trunky Project 1
Period	001	
Posting Period	001	
Fiscal Year	2019	
Processing Type	8	Full Settlement
Posting Date	30.04.2019	
Controlling Area	1000	BSPTCL
Currency	INR	Indian Rupee
Value Date	30.04.2019	

Processing Options

Selection Parameters	Value
Execution Type	Settlement Executed

Processing completed with no errors

Statistics

Processing Category	Σ	Number
Settlement Executed		1
No Change		

Actual Settlement: Project/WBS Element/Network Detail list

Basic list | Sender | Receiver | Accounting documents | Settlement rule | Save

Detail list - Settled values

Senders	Short text: Sender	Receiver	Σ	ValCOArCur	Infrm.
WBS CGSS/18.36.01.01	Requirement for Trunky Project 1	FXA 1000/60012/0		167,190.00	
				<b>167,190.00</b>	

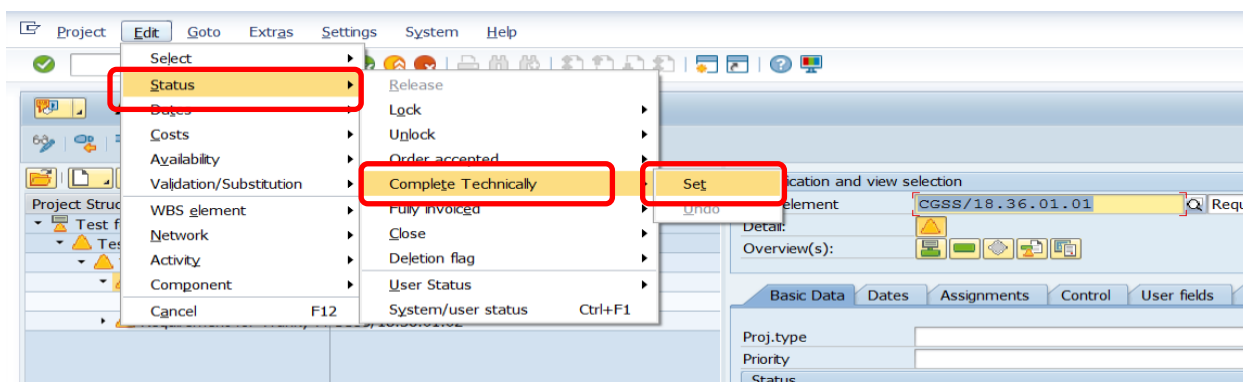


## Project – SUGAM End User Manual Project System



### 10.3 Project Status: Technically Completed & Close Project or WBSE

<b>SAP T-code</b>	<b>CJ20N</b>
<b>Process</b>	<b>Enter the t-code. Input the Project Number → Edit → Status → Completed technically → Set and observe the Message and Save</b>



Status was set

