



Project System SAP Implementation at IESCO

Training Document

Detail Planning

CE PMU – PD GSC





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Detail Planning

1 Purpose

Document

Creation of Operative project is covered in this document.

Prerequisites

After Admin approval of estimate project, operative project is created by copying it.





1.1 Process Steps (PMU / GSC)

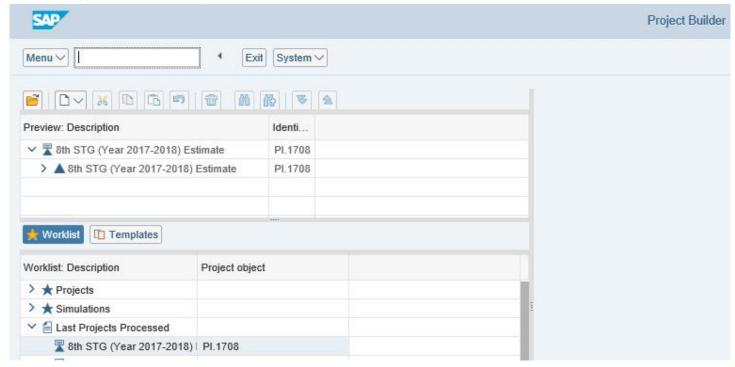
1.1.1 Copy Project from Estimate Project

Use

This process is used when estimation project gets admin approval and execution has to be carried out, so a Job Order number will be allocated by coping approved estimate into next available operative project number.

Procedure

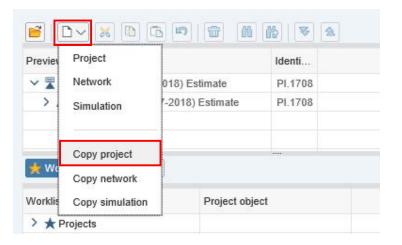
1. Open "Project Builder" App, From Fiori Launchpad.







2. Click on Create Button



3. Click Copy project.





Project def.	PG.1708		라 Q	
Description				
Start				
inish date				
Project Profile		110	V	
	14			
Template Template				
- 1				
Version				
Project def.	PI.1708			
Std proj. def.				
	uments		200	
☐ With WBS Doc				
☐ With WBS Doc	Data			
	Data			
☐ Templte Profile	Data 🗸	Relationship		
☐ TempIte Profile ☑ With activities	V	Relationship Milestones		

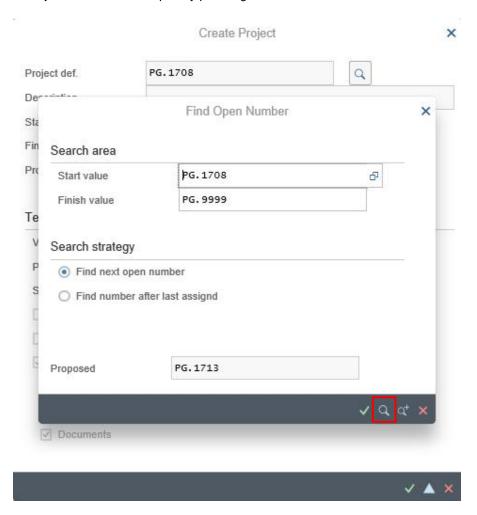
- 4. Click Open Number button
- 5. Update the following required and optional fields:

Field name	Description User action and values		Comments
Start value		Example:	Start value for the search area, in which the next free standard project
		PG.1708	number is to be determined.





6. Click Find button to find next available Project number and adopt it by pressing enter button

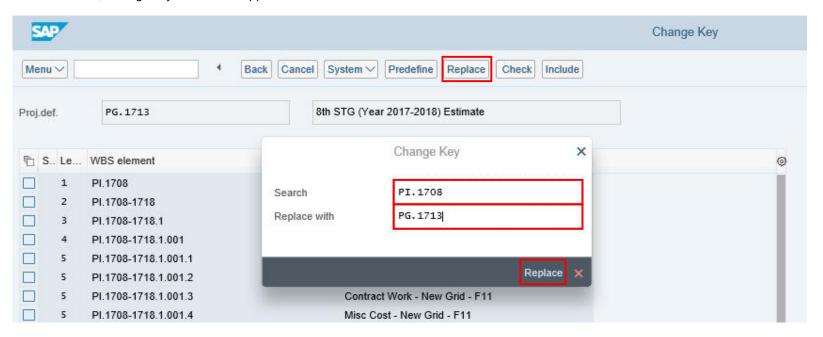


- 7. Press Enter
- 8. Click on WBS Overview Button





9. Press Search Button, Change key window will appear.



10. Update the following required and optional fields:

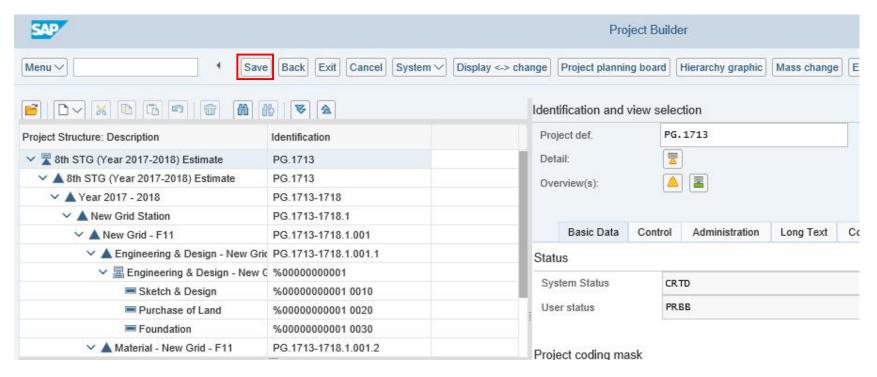
Field name	Description	User action and values	Comments
Search		Example:	Search WBS Codes to be
	PI.1708		replaced
Replace		Example:	WBS code to be replaced
		PG.1713	by existing code

11. Click Replace , Check and Include Check Include





12. Project has been copied into new codes



13. Click Save button

Result:

Operative project has been saved.

Note:

 You can copy new estimation projects form already created estimation projects through same procedure, adjust the new extimate as per requirement.





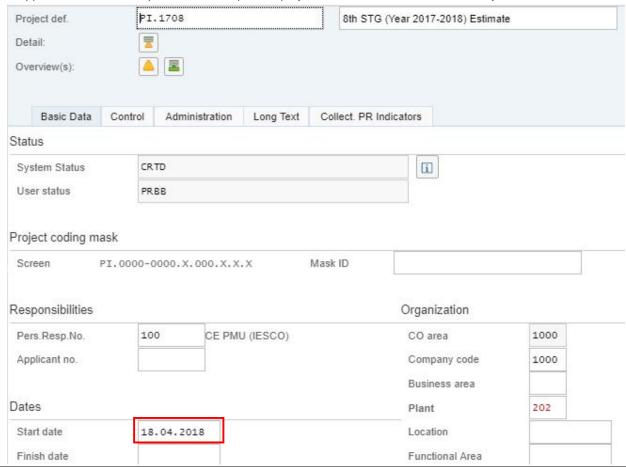
1.1.2 Maintain Dates and Relationships

Use

It is used to monitor the progress of the work executed, Planed dates are compared with actual dates. Relationship of activities are maintained to determine the critical paths.

Procedure

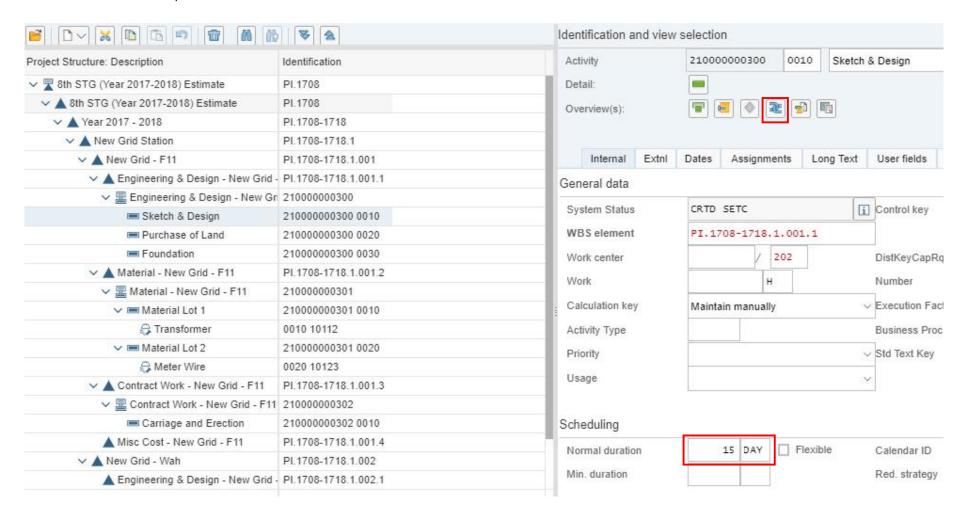
1. Open "Project Builder" App, From Fiori Launchpad, choose respective project & Maintain Start date in the Project Definition / WBS Element / Network.







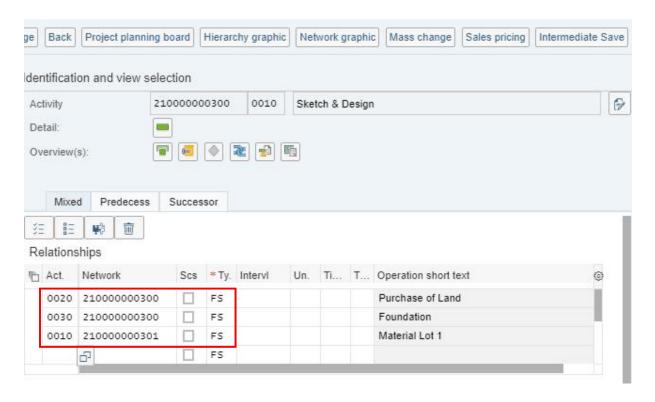
- 2. Maintain Days in the activity
- 3. Click on relationships







4. Maintain Relationship of activites related to the activity selected





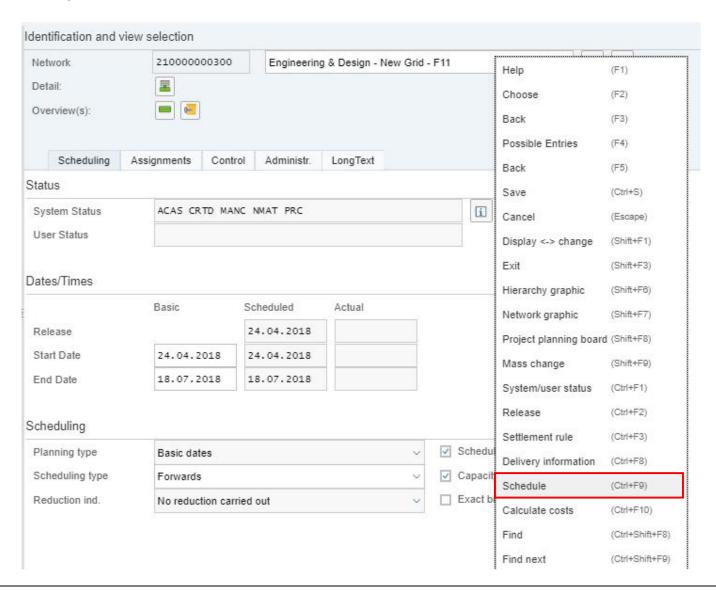


Activity	21	.000000	0301	0010	Mate	erial Lo	t 1		
Detail:									
verview(s):	7 6	() [
Mixe	d Predecess	Succes	sor						
= =	W 1								
Pelations	enine								
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	Network		≈ Ţy.	Intervi	Un.	Ti	T	Operation short text	@
	- 25	Scs	* Ty.	Intervi	Un.	Ti	T	Operation short text Sketch & Design	@
Act. 0010	Network		- 000		Un.	Ti	T		0
Act.	Network 210000000300		FS	Intervi	Un.	Ti	T	Sketch & Design	0





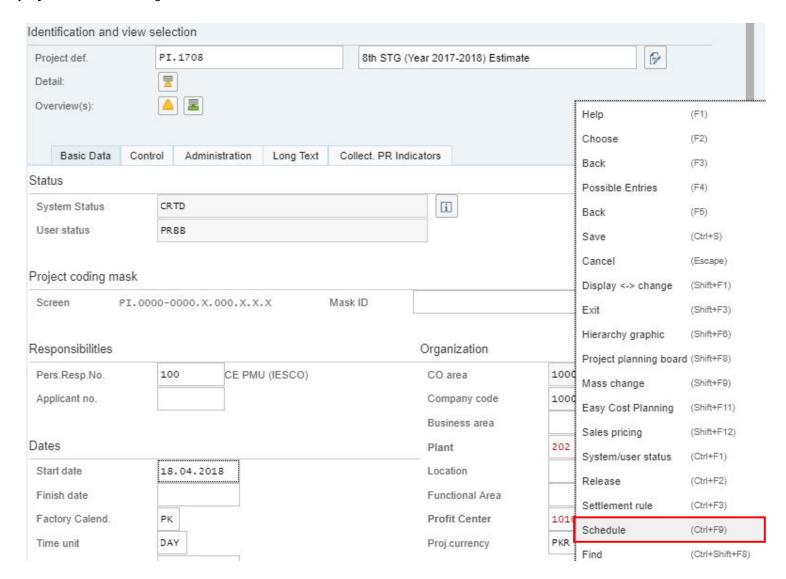
5. Click on network and right click on screen to select "Schedule"







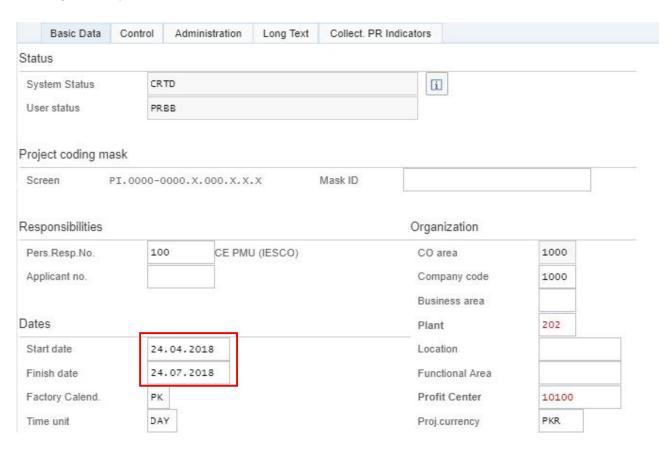
6. Click on project definition and right click on screen to select "Schedule"







7. End date alligned according to the days maintained in the activities and relationships created.



Result:

Project Scheduling has been carried out.





1.1.3 Material / Services Status (Never / Immediate)

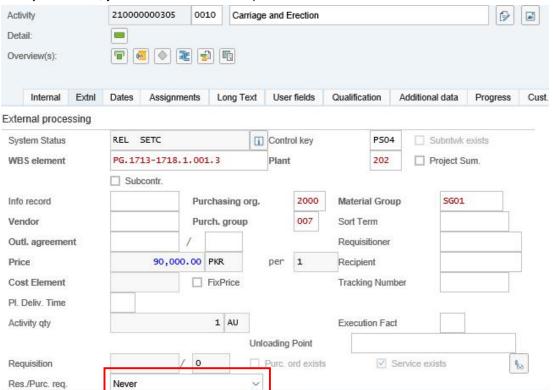
Use

The Default Status of Material Components and Service activity is "Never" which mean no PR for PO is generated and Material can't be withdrawn from Store against Reservation Number which is auto generated at Network Level for all Material Components added under different activities of same Network.

Once you change the status to Immediate and save the project PR for services will be generated and PR for Material component will be generated if project specific material procurement is carried out through project (Material PR case is only for PMU/GSC only)

Procedure

1. Select Service Activity in the "Project Builder", you can view Res./Purcreg status as "Never"







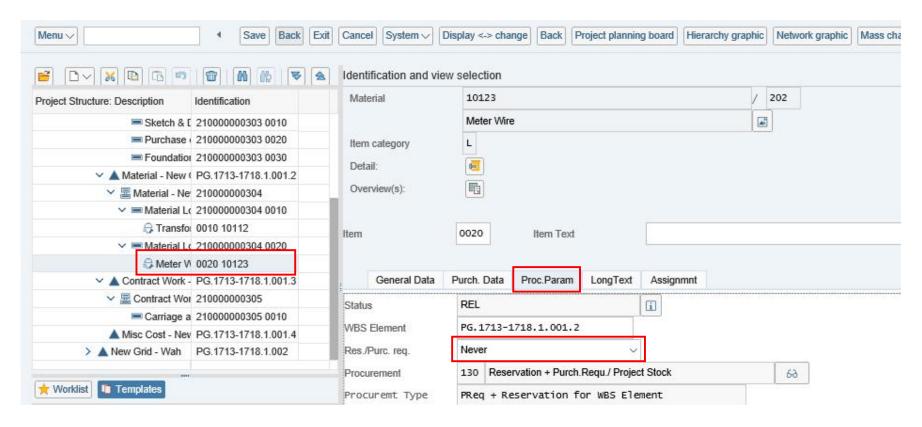
2. Select Service Activity, change status of Res./Purcreq status as "Immediate" and press Intermediate Save Button. You can view PR is generated for Execution. Now you can initiate Service Procurement Process.

Internal	Extnl	Dates	Assignmen	nts Lon	g Text	Use	r fields	Qualifica	ation	Additional	data	Progress	
External proce	ssing												
System Status		REL	SETC		[i	Cont	rol key		P504	Su	bntwk e	exists	
WBS element		PG. 17	13-1718.1.	001.3		Plan	t		202	☐ Pro	oject Su	im.	
		Sub	contr.										
Info record				Purchasi	ng org.		2000	Materi	al Grou	ıp	SG01		
Vendor				Purch. gr	oup		007	Sort Te	erm				
Outl. agreeme	nt		/		j:			Requis	sitioner				
Price			90,000.	00 PKR		per	1	Recipi	ent				
Cost Element				☐ FixPri	ce			Trackir	ng Num	ber			
Pl. Deliv. Time													
Activity qty				1 4	NU.			Execut	tion Fac	t			
					Uni	oading	Point						
Requisition		5 9000	00071 /	10		Purc.	ord exists	61	V	Service exist	ÍS		\$ ₆₃
Res./Purc. req.		Immed	iately		~								





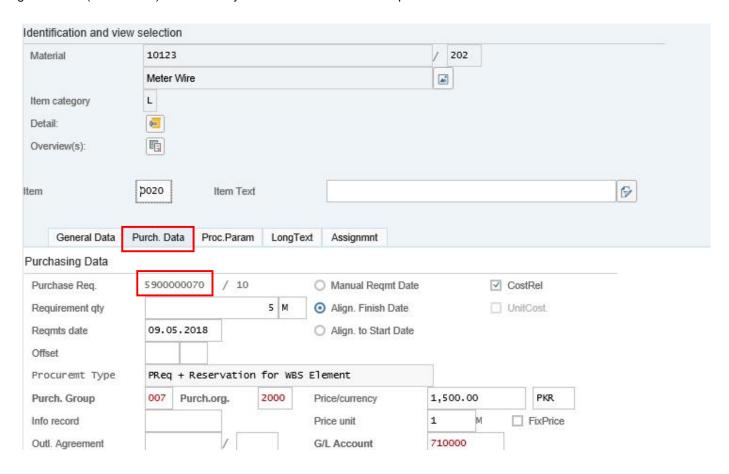
3. Select Material Component, go to Procu. Param tab, you can view Res./Purcreq status as "Never"







4. Select Material Component, go to Procu. Param tab, change Res./Purcreq status as "Immediate" and press Intermediate Save button, View PR number in the Purchasing Data Tab. (PMU / GSC) Scenario only. Now Material Procurement process can be initiated



Result:

Statuses has been set and desired outcome generated.





Note:

- To view Project Reservation number, Go to "General Data" Tab of material.
- All material componenets under a network will have same project reservation number.
- One PR per material is generated by default, Materials can be combined together to generate collective PR. It can only be done by maintaining a Text in the "Collective PR Indicator" Tab in the Project Definition, after that maintain the text in the materials which needs to be combined for one PR (as per requirement).
- For GSO Maintenance Works, There is no Material PR, as maintenance material has already been procured. These works will have direct reservation.
- Scrap / Dismantle Material will be planned in –ve quantity, in a separate Network and internal activities for Maintenance Works.
- For PMU/GSC Capex works, Scrap / Dismantle and/or balance material in case of turnkey projects, will be planned in –ve quantity, in a separate Network and internal activities, by selecting network profile Y000005 "PD GSC / CE PMU Bal Mat Return to Store" at the time of network creation.





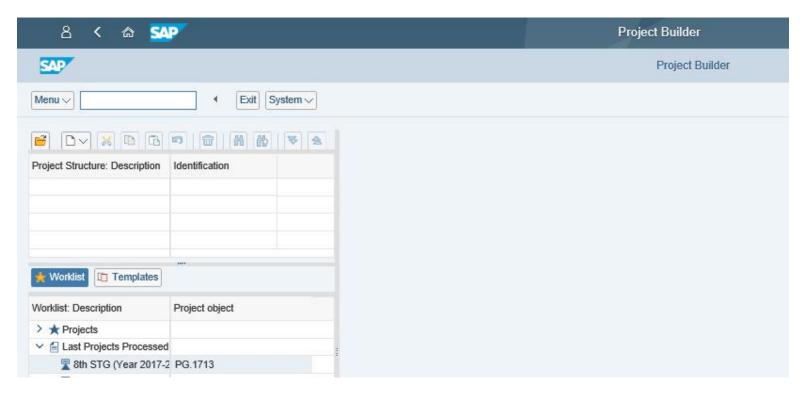
1.1.4 Create Asset under Construction

Use

Following steps are followed to check AUC created or not and to maintain Evaluation group to segregate CWIP Data as per FD office reporting requirements. No Investment profile (auc) will be maintained in case of maintenance works.

Procedure

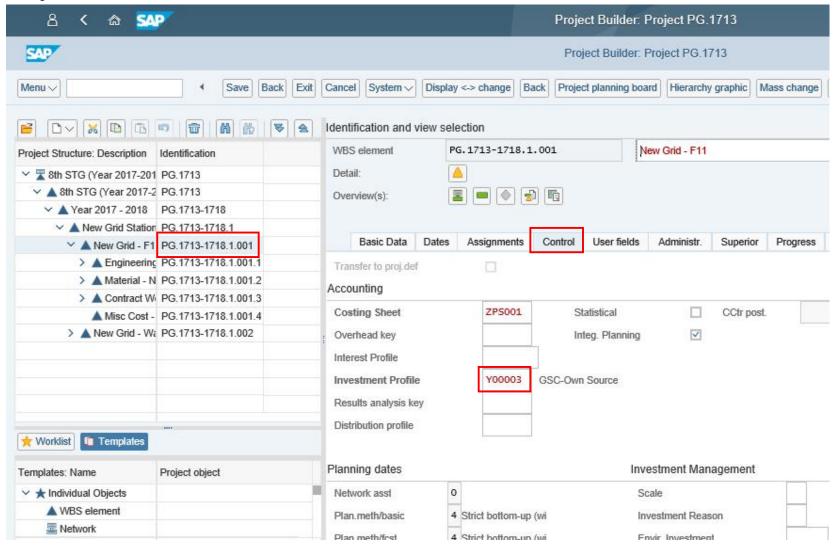
1. Access the "Project Builder" App, From Fiori Launchpad:







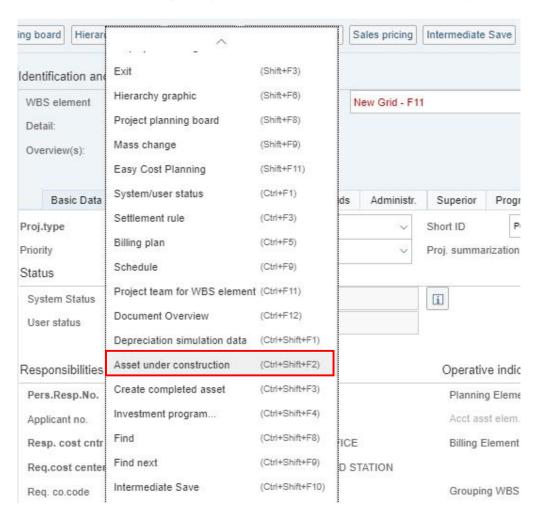
2. Open the project structure, select the sub project and check Investment profile. Investment profile at 4th Level WBS for PMU/GSC Projects is compulsory as it will generate AUC once WBS is set to release mode.







3. Right Click on the WBS Element which contain Investment profile (4th Level for PMU/GSC and 1st Level for PDC) and choose Asset under Construction.







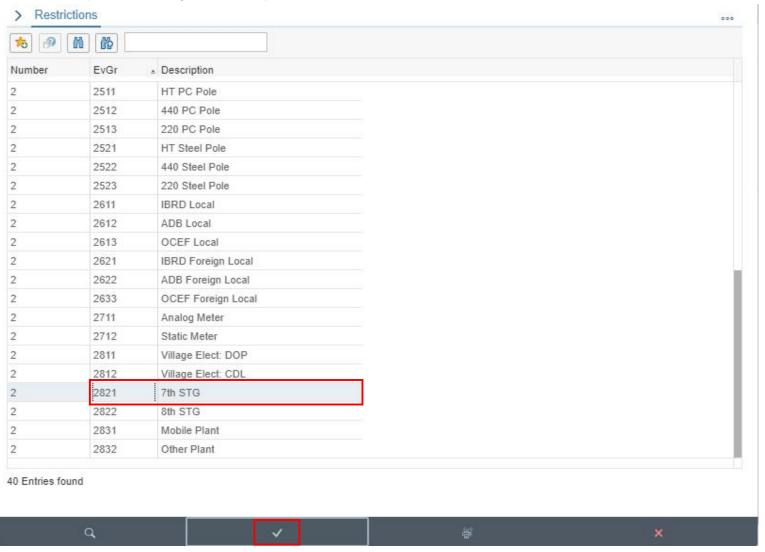
4. Select Allocation Tab, from Evaluation group 2, press F4 or click on Search Help button.

SAP					Change Asset: Master data
Menu V Bac	k Cancel System ~	Previous tab	page Next tab page Asset	values	
WBS elem.	PG.1713-1718.1.0	01	New Grid - F11		
Asset	720000002	0	New Grid - F11		
Class	7200 AUC-0	G.S.HTL (132kva	a) Company Code	1000	
General	Time-dependent	Allocations	Origin Deprec. Areas		
Evaluation gro	up 1				
Evaluation Gro	oup 2	Q			
Evaluation Gro	oup 3				
Evaluation Gro	oup 4				





5. Choose Evaluation Group for CWIP Categorization, and press enter.



6. Press Enter.





/BS elem.	PG.1713-1718.1	.001	New Grid - F11	
sset	720000002 0 7200 AUC-G.S.HTL (132kva)		New Grid - F11	
lass			2kva) Company Code	1000
General	Time-dependent	Allocations	Origin Deprec. Areas	
llocations				
Evaluation gro	up 1			100
Evaluation Gro	oup 2	2821	7th STG	
Evaluation Gro	oup 3			
	-			

7. Press Back and Choose **Save**.

Result:

Auc with respective evaluation group has been maintained.

Note:

- AUC at 4th Level WBS for PMU / GSC.
- AUC at 1st Level WBS for PDC.
- If Investment profile is missing you can add respective investment profile and press enter, a warning message will appear you can press enter and continue, once reached at the AUC description screen, choose relevant evaluation group 2 from allocation Tab and press back then save the project. AUC will automatically generate.
- In Case of PD GSC Maintenance Works, No Investment Profile will be maintained, instead a G/L 203097 will be maintained in Project Definition of operative structure.

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1.1.5 Maintain G/L in Project Definition for Maintenance Works

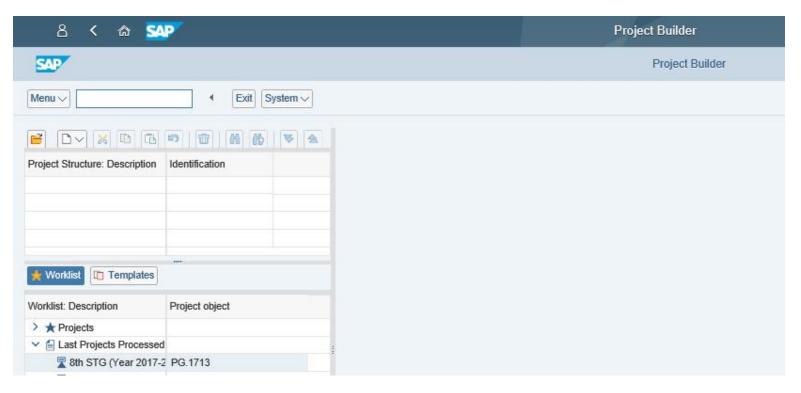
Use

Following steps are followed to maintain Balance Sheet G/L 203097 for settling cost of maintenance works by GSC Accountants which are based on Opex budget instead of capex budget.

Cost settled over this G/L will be further Transfer posted over respective maintenance G/L of GSO Office by accountants of GSO Divisions.

Procedure

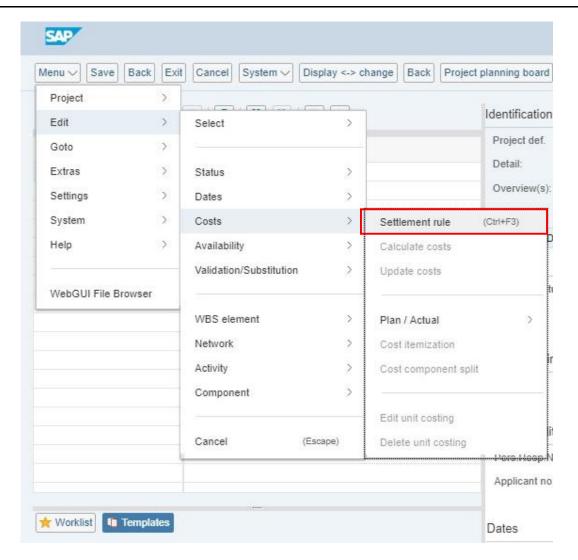
1. Access the "Project Builder" App, From Fiori Launchpad:



2. After opening the respective Maintenance project, first select project definition than click "menu" then "edit" select "Costs" and choose "Settlement rule".



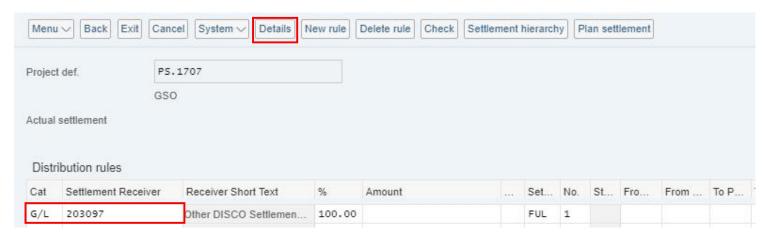




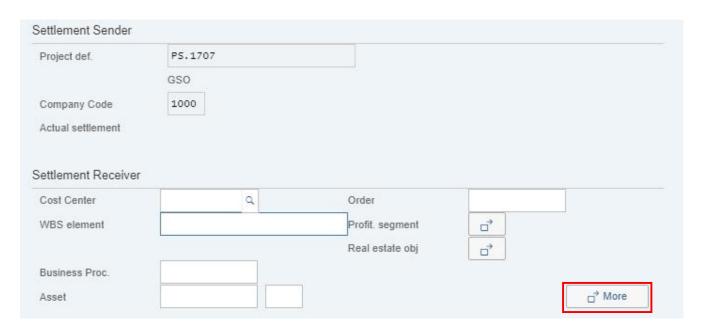
3. Maintain the G/L in settlement receiver







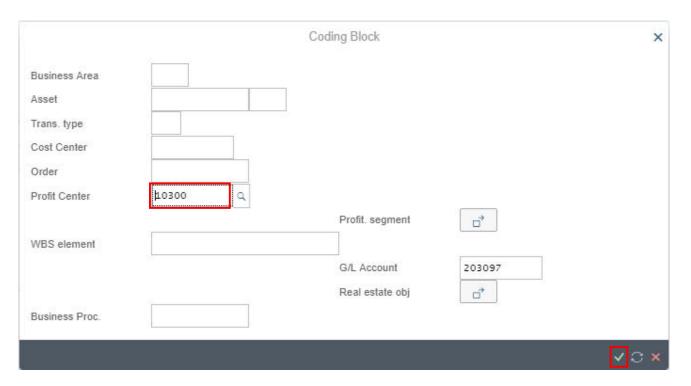
4. Press "Details" button and choose "More" Option







5. Maintain the Profit Centre of Respective GSO Division whose maintenace work is being carried by GSC.



6. Press Back and Save.

Result:

Settlement Rule has been maintained for Maintenence Works.





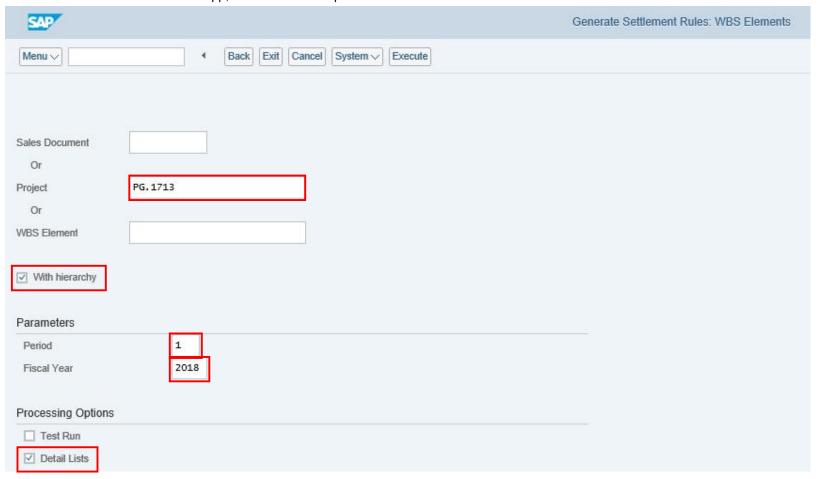
1.1.6 Generate Settlement Rule: WBS Elements

Use

Following steps are followed while generating Project Automatic Periodic Settlement Rule.

Procedure

1. Access the "Generate Settlement Rule" App, From Fiori Launchpad:



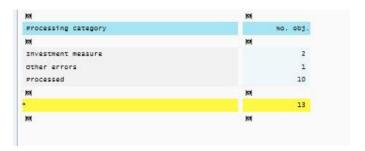




Field name	Description	User action and values	Comments
WBS Element		Example:	Individual structural element in a work breakdown structure
		PG.1713	(WBS) representing the hierarchical organization
With Hierarchy	Use this indicator to stipulate that the sub tree	Example:	
	under a WBS element is read and processed	Check	
Period	Period signifying the start of the analysis or	Example:	
	processing timeframe	1	
Fiscal Year	Fiscal Year as defined for the company	Example:	
		2018	
Test run	Show test results	Example:	
		Uncheck	

2. Update the following required and optional fields:

3. Click Button Execute Execute



Result:

Settlement Rule has been generated.