

SAP-PLANT MAINTENANCE MODULE (PM)

Material Indenting Process for RMI& Other Capital works Carried out in O&M

Apart from routine O&M works, certain capital works like RMI and augmentation works etc are also sometimes carried out by O&M wings.

For carrying out any capital works by O&M wings, maintenance order with **order type PM06** should be created, for enabling booking of expenditure under capital account. Unlike the other order types used for carrying out O&M works, PM06 order type enables incorporation of WBS in the maintenance order and picking up of respective capital GL accounts.

The expenditure incurred towards routine O&M works is booked to the concerned sub division cost center as O&M expenditure. But the expenditure incurred towards capital works is booked as capital expenditure, to the concerned **capital GL account**, through **WBS (Work Breakdown Structure)** element created for the respective capital works.

The remaining process of creation of material indents, allotment, issue and withdrawal of material etc is same as that followed for O&M works.

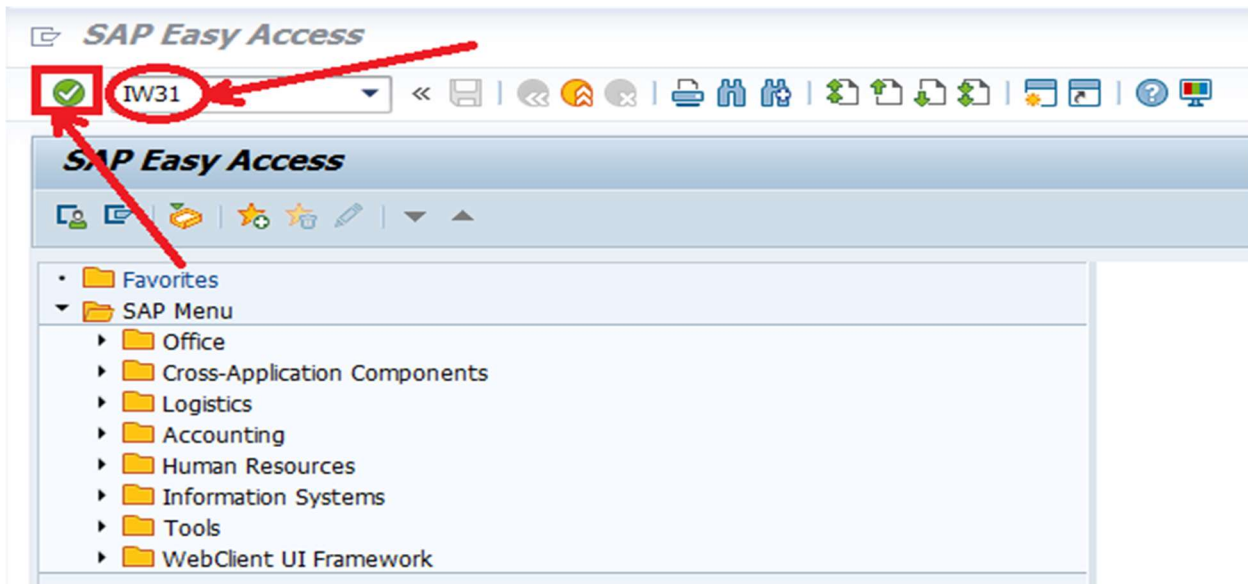
However, for allotment and issue of material for capital works, the stock of respective materials should be present in the stores against the particular WBS element incorporated in the maintenance order.

Similarly, for procurement of external services for execution of capital nature of works, the service PR should be created through maintenance order with order type PM06 only, by incorporating WBS element in the maintenance order.

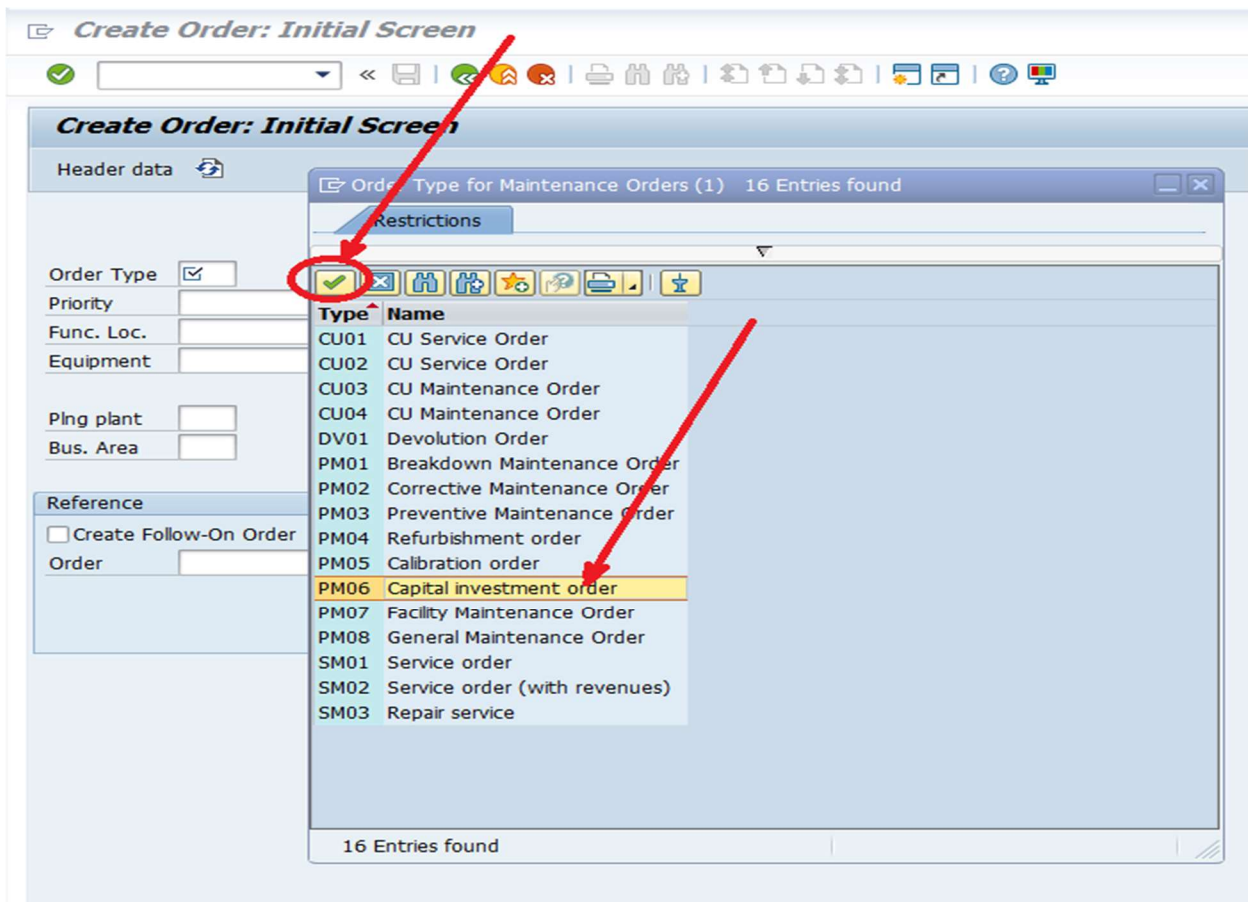
In this document, step by step procedure of creation of maintenance order with order type PM06 for carrying out capital works in O&M and creation of material indent through maintenance order is explained in detail with SAP screen shots.

Creation of Maintenance Order for capital works:

STEP-1: Enter T-Code **IW31** in the command field and click **enter** button as indicated below.



STEP-2: In the create order window displayed, order type field is a mandatory field. Beside this field there is search button available. If the search button is clicked, a pop up window as shown below would appear. Select the order **PM06** from the list and click **enter** button as indicated below.



STEP-3: Through the down arrow available in priority field select the priority of the proposed work (i.e very high, high, medium and low) as indicated below.

The screenshot shows the 'Create Order: Initial Screen' window. The 'Priority' field is highlighted with a red box, and a red arrow points to the down arrow icon next to it. The 'Order Type' is 'PM06'. Below the 'Priority' field are fields for 'Func. Loc.', 'Equipment', 'Plng plant', and 'Bus. Area'. At the bottom, there is a 'Reference' section with checkboxes for 'Create Follow-On Order', 'Operations', 'Components', 'Relationships', and 'Document Links'.

STEP-4: In the next field, the **ID** of the concerned functional location wherein the works are carried out should be entered. It can be selected through the search button available beside the field.

Click the search button as indicated below.

The screenshot shows the 'Create Order: Initial Screen' window. The 'Func. Loc.' field is highlighted with a red oval, and a red arrow points to the search button (magnifying glass icon) next to it. The 'Order Type' is 'PM06'. Below the 'Func. Loc.' field are fields for 'Equipment', 'Plng plant', and 'Bus. Area'. At the bottom, there is a 'Reference' section with checkboxes for 'Create Follow-On Order', 'Operations', 'Components', 'Relationships', and 'Document Links'.

STEP-5: In the display functional location screen, the concerned **maintenance plant** and **plant section** (i.e sub station) may be entered in the **location data** as shown in the below screen shot, in order to fetch only the functional locations available in the selected substation. Substation bays are the functional locations under substation. Hence the functional locations of various bays in the SS can be fetched through this query.

Display Functional Location: Functional Location Selection

Field	Value	to	Field	Value
FunctLocDescrip.		to		
Planning plant		to		
Planner group		to		
Construction type		to		
Catalog profile		to		
AuthorizGroup		to		
Business Area		to		
Main work center		to		
Reference location		to		
FunctLocCategory		to		
Permit		to		
Location Data/Account Assignment				
Maintenance plant	5105	to		
Location		to		
Room		to		
Plant section	CKL	to		
Work center		to		
ABC indicator		to		
Sort field		to		
Controlling Area		to		
Company Code		to		
Cost Center		to		
WBS element		to		
Asset		to		

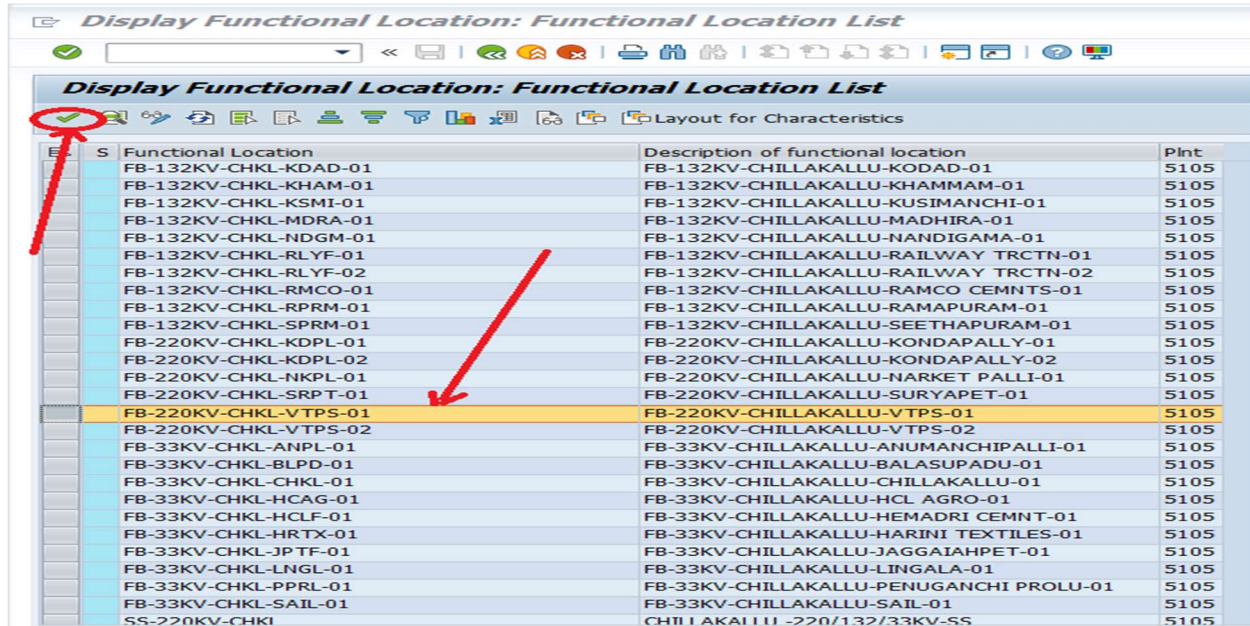
STEP-6: Click **execute** button as indicated below.

Display Functional Location: Functional Location Selection

Field	Value	to	Field	Value
Length		to		
Unit of Measure				
Linear Reference Pattern		to		
Maintenance Data				
FunctLocDescrip.		to		
Planning plant		to		
Planner group		to		
Construction type		to		
Catalog profile		to		
AuthorizGroup		to		
Business Area		to		
Main work center		to		
Reference location		to		
FunctLocCategory		to		
Permit		to		
Location Data/Account Assignment				
Maintenance plant	5105	to		
Location		to		
Room		to		
Plant section	CKL	to		
Work center		to		
ABC indicator		to		
Sort field		to		
Controlling Area		to		

STEP-7: In the functional location list displayed, select the bay functional location wherein work is proposed to be taken up and click **enter** button as shown below. It may be noted that in the present example we are proposing to carry out work in the **220kv VTPS feeder bay-1** in **Chillakallu Sub station**.

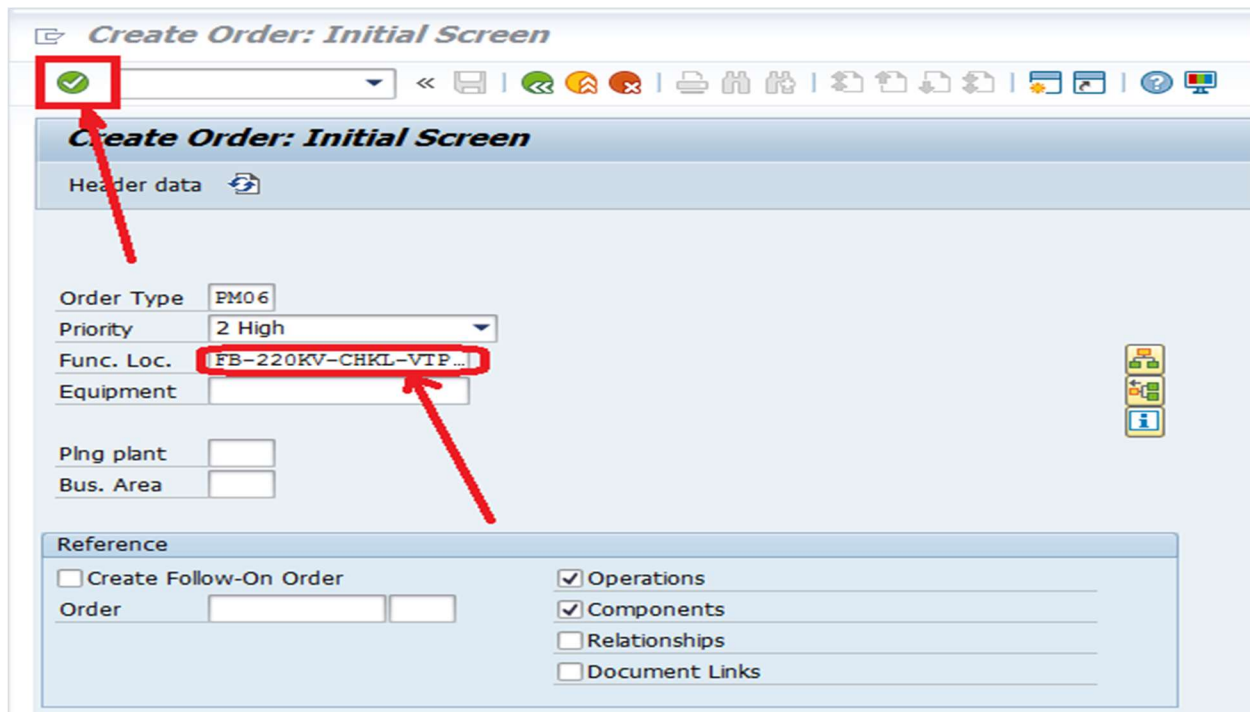
Display Functional Location: Functional Location List



Functional Location	Description of functional location	PInt
FB-132KV-CHKL-KDAD-01	FB-132KV-CHILLAKALLU-KODAD-01	5105
FB-132KV-CHKL-KHAM-01	FB-132KV-CHILLAKALLU-KHAMMAM-01	5105
FB-132KV-CHKL-KSMI-01	FB-132KV-CHILLAKALLU-KUSIMANCHI-01	5105
FB-132KV-CHKL-MDRA-01	FB-132KV-CHILLAKALLU-MADHIRA-01	5105
FB-132KV-CHKL-NDGM-01	FB-132KV-CHILLAKALLU-NANDIGAMA-01	5105
FB-132KV-CHKL-RLYF-01	FB-132KV-CHILLAKALLU-RAILWAY TRCTN-01	5105
FB-132KV-CHKL-RLYF-02	FB-132KV-CHILLAKALLU-RAILWAY TRCTN-02	5105
FB-132KV-CHKL-RMCO-01	FB-132KV-CHILLAKALLU-RAMCO CEMNTS-01	5105
FB-132KV-CHKL-RPRM-01	FB-132KV-CHILLAKALLU-RAMAPURAM-01	5105
FB-132KV-CHKL-SPRM-01	FB-132KV-CHILLAKALLU-SEETHAPURAM-01	5105
FB-220KV-CHKL-KDPL-01	FB-220KV-CHILLAKALLU-KONDAPALLY-01	5105
FB-220KV-CHKL-KDPL-02	FB-220KV-CHILLAKALLU-KONDAPALLY-02	5105
FB-220KV-CHKL-NKPL-01	FB-220KV-CHILLAKALLU-NARKET PALLI-01	5105
FB-220KV-CHKL-SRPT-01	FB-220KV-CHILLAKALLU-SURYAPET-01	5105
FB-220KV-CHKL-VTPS-01	FB-220KV-CHILLAKALLU-VTPS-01	5105
FB-220KV-CHKL-VTPS-02	FB-220KV-CHILLAKALLU-VTPS-02	5105
FB-33KV-CHKL-ANPL-01	FB-33KV-CHILLAKALLU-ANUMANCHIPALLI-01	5105
FB-33KV-CHKL-BLPD-01	FB-33KV-CHILLAKALLU-BALASUPADU-01	5105
FB-33KV-CHKL-CHKL-01	FB-33KV-CHILLAKALLU-CHILLAKALLU-01	5105
FB-33KV-CHKL-HCAG-01	FB-33KV-CHILLAKALLU-HCL AGRO-01	5105
FB-33KV-CHKL-HCLF-01	FB-33KV-CHILLAKALLU-HEMADRI CEMNT-01	5105
FB-33KV-CHKL-HRTX-01	FB-33KV-CHILLAKALLU-HARINI TEXTILES-01	5105
FB-33KV-CHKL-JPTF-01	FB-33KV-CHILLAKALLU-JAGGAIAHPET-01	5105
FB-33KV-CHKL-LNGL-01	FB-33KV-CHILLAKALLU-LINGALA-01	5105
FB-33KV-CHKL-PPRL-01	FB-33KV-CHILLAKALLU-PENUGANCHI PROLU-01	5105
FB-33KV-CHKL-SAIL-01	FB-33KV-CHILLAKALLU-SAIL-01	5105
SS-220KV-CHKL	CHILLAKALLU-220/132/33KV-SS	5105

STEP-8: The selected functional location would be entered in the create maintenance order screen as shown below. Now click **enter** button as indicated below.

Create Order: Initial Screen



Header data

Order Type PM06

Priority 2 High

Func. Loc. FB-220KV-CHKL-VTP...

Equipment

Plng plant

Bus. Area

Reference

☐ Create Follow-On Order

Order

☒ Operations

☒ Components

☐ Relationships

☐ Document Links

STEP-9: In the central header screen, enter the description of work within 40 characters and click **enter**, as shown below.

Create Capital investment order : Central Header

Order: PM06 / 000000000001 | RMI Works-Replacement of 220KV CB

Sys.Stats: CRID MANC NTUP

HeaderData | Operations | Components | Costs | Objects | Additional Data | Location | Planning

Person responsible
PlannerGrp: M05 / S105 MNT1 2CHILLAKALLU
Mn.wk.ctr: MNT / S105 MAINTENANCE

Notificatn:
Costs: INR
PMActType: INV Investment
SystCond.: ☐

Dates
Bsc start: 24.09.2018 | Priority: 2 High
Basic fin.: 24.09.2018 | Revision:

Reference object
Func. Loc.: FB-220KV-CHKL-VTP... | FB-220KV-CHILLAKALLU-VTPS-01
Equipment:

First operation
Operation: | CcKey: 1 Calculate duration
WkCtr/Plnt: MNT / S105 | Ctrl key: PM01 | Acty Type: ☐ PRT
Work durtn: H | Number: | Oprtn dur.: H ☐ Comp.

STEP-10: Click **Additional Data** tab.

Create Capital investment order : Central Header

Order: PM06 / 000000000001 | RMI Works-Replacement of 220KV CB

Sys.Status: CRID MANC NTUP

HeaderData | Operations | Components | Costs | Objects | **Additional Data** | Location | Planning

Person responsible
PlannerGrp: M05 / S105 MNT1 2CHILLAKALLU
Mn.wk.ctr: MNT / S105 MAINTENANCE

Notificatn:
Costs: INR
PMActType: INV Investment
SystCond.: ☐

Dates
Bsc start: 24.09.2018 | Priority: 2 High
Basic fin.: 24.09.2018 | Revision:

Reference object
Func. Loc.: FB-220KV-CHKL-VTP... | FB-220KV-CHILLAKALLU-VTPS-01
Equipment:

First operation
Operation: | CcKey: 1 Calculate duration
WkCtr/Plnt: MNT / S105 | Ctrl key: PM01 | Acty Type: ☐ PRT
Work durtn: H | Number: | Oprtn dur.: H ☐ Comp.

STEP-11: Select **WBS** number from search button and enter the same in **WBS Element** field, as indicated below, and click **enter** button. The WBS element for the specific capital work should be already created. The WBS would be created either by head transmission wing or SAP PM Module core team in head quarters.

The screenshot shows the SAP 'Create Capital investment order : Header Detail Data' screen. The 'WBS Element' field is highlighted with a red circle and contains the value 'RM-15-01-VJ-5105-CHK-E02'. A red arrow points to the 'Enter' button in the top toolbar.

Organization	Company Code	Business Area	Controlling Area	Responsible Cctr	Profit Center	Object Class	Processing group	WBS Element	Project Definition	Subnetwork of/Oprtn.
	3000	5105	3000	5105S20001	1000	OCOST ...		RM-15-01-VJ-5105-CHK-E02		

STEP-12: Click **yes** in the dialogue box, as shown below.

The screenshot shows the same SAP screen as before, but with a 'Date copied' dialog box open. The dialog box contains the text: 'You maintained the project definition or the WBS element. Should the dates be copied?'. The 'Yes' button is highlighted with a red circle.

Organization	Company Code	Business Area	Controlling Area	Responsible Cctr	Profit Center	Object Class	Processing group	WBS Element	Project Definition	Subnetwork of/Oprtn.
	3000	5105	3000	5105S20001	1000	OCOST ...		RM-15-01-VJ-5105-CHK-E02		

STEP-13: Click **enter** button in dialogue box, as shown below.

Organization

Company Code	3000	APTRANSCO
Business Area	5105	SE/OMC/VIJAYAWADA
Controlling Area	3000	APTRANSCO
Responsible Cctr	5105S20001	ADE/M/ Chillakallu
Profit Center	1000	Transmission
Object Class	OCOST ...	
Processing group		

WBS Element: Information

Project Definition: RM-15-01

Subnetwork: /

Document Assignments

Object Description	Activity	Type	Document	Description	Vs	Part	File

It may be noted that **Project Definition** field is updated as shown below.

Organization

Company Code	3000	APTRANSCO
Business Area	5105	SE/OMC/VIJAYAWADA
Controlling Area	3000	APTRANSCO
Responsible Cctr	5105S20001	ADE/M/ Chillakallu
Profit Center	1000	Transmission
Object Class	OCOST ...	
Processing group		

WBS Element: RM-15-01-VJ-5105-CHK-E02 DRWL OF 220KV Circuit Breaker

Project Definition: RM-15-01 RMI WORKS OF 2015-2016 CETRANS.M...

Subnetwork of/Oprtn. /

Document Assignments

Object Description	Activity	Type	Document	Description	Vs	Part	File Name

STEP-14: Click **Investments** tab as indicated below, and it may be noted that **Investment Profile** field is also updated as indicated below, in the second screen shot.

Create Capital investment order : Central Header

Order: PM06 \$000000000001 RMI Works-Replacement of 220KV CB
 Sys.Status: CRID MANC NTUP

HeaderData Operations Components Costs Objects Additional Data Location Planning Control **Investments** Other Details

Person responsible
 PlannerGrp: M05 / 5105 MNT1 2CHILLAKALLU
 Mn.wk.ctr: MNT / 5105 MAINTENANCE

Notification:
 Costs: INR
 PMActType: INV Investment
 SystCond.: ☐

Dates
 Bsc start: 13.10.2015 Priority: 2 High
 Basic fin.: 31.03.2019 Revision:

Reference object
 Func. Loc.: FB-220KV-CHKL-VTP... FB-220KV-CHILLAKALLU-VTPS-01
 Equipment:

First operation
 Operation: RMI Works-Replacement of 220KV CB CckKey: 1 Calculate duration
 WkCtr/Plnt: MNT / 5105 Ctrl key: PM01 Acty Type: ☐ PRT
 Work durtn: H Number: Oprtn dur.: H ☐ Comp.

Create Capital investment order : Investment

Order: PM06 \$000000000001 RMI Works-Replacement of 220KV CB
 Sys.Status: CRID MANC NTUP

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments Other Details

Investment Details

Investment profile: **IP9900 IM Profile for RMI&AUG**
 Scale:
 Investment reason:
 Envir. investment:
 Location plant: 5105

Asset u. Const Deprec. Sim Completed Asset

Creation of Material Indent:

STEP-15: For raising material indent, click **components** tab as indicated below.

Create Capital investment order : Investment

Order: PM06 000000000001 RMI Works-Replacement of 220KV CB
 Sys.Status: CRID MANC

HeaderData Operations **Components** Costs Objects Additional Data Location Planning Control Investments Other Details

Investment Details

Investment profile: IP9900 IM Profile for RMI&AUG
 Scale:
 Investment reason:
 Envir. investment:
 Location plant: 5105

Asset u. Const. Deprec. Sim. Completed Asset

STEP-16: Click **search** button beside '**component**' field as indicated below.

Order Edit Goto Extras Environment System Help

Create Capital investment order : Component Overview

Order: PM06 000000000001 RMI Works-Replacement of 220KV CB
 Sys.Status: CRID MANC NTUP

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments Other Details

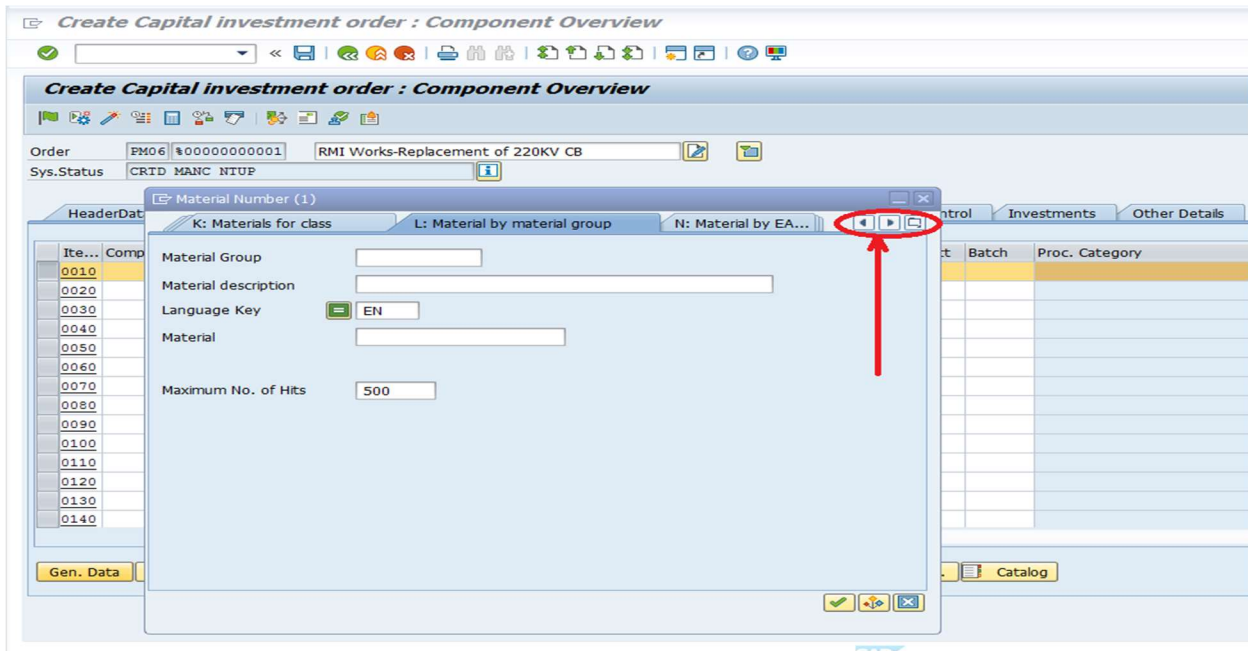
Ite...	Component	Description	LT	Reqmt Qty	UM	IC	S...	SLoc	Plnt	Act	Batch	Proc. Category
001	<input type="text"/>	<input type="text"/>										
0020												
0030												
0040												
0050												
0060												
0070												
0080												
0090												
0100												
0110												
0120												
0130												
0140												

Gen. Data Purch. List Graph... Assy Material Where-Used Repl. Catalog

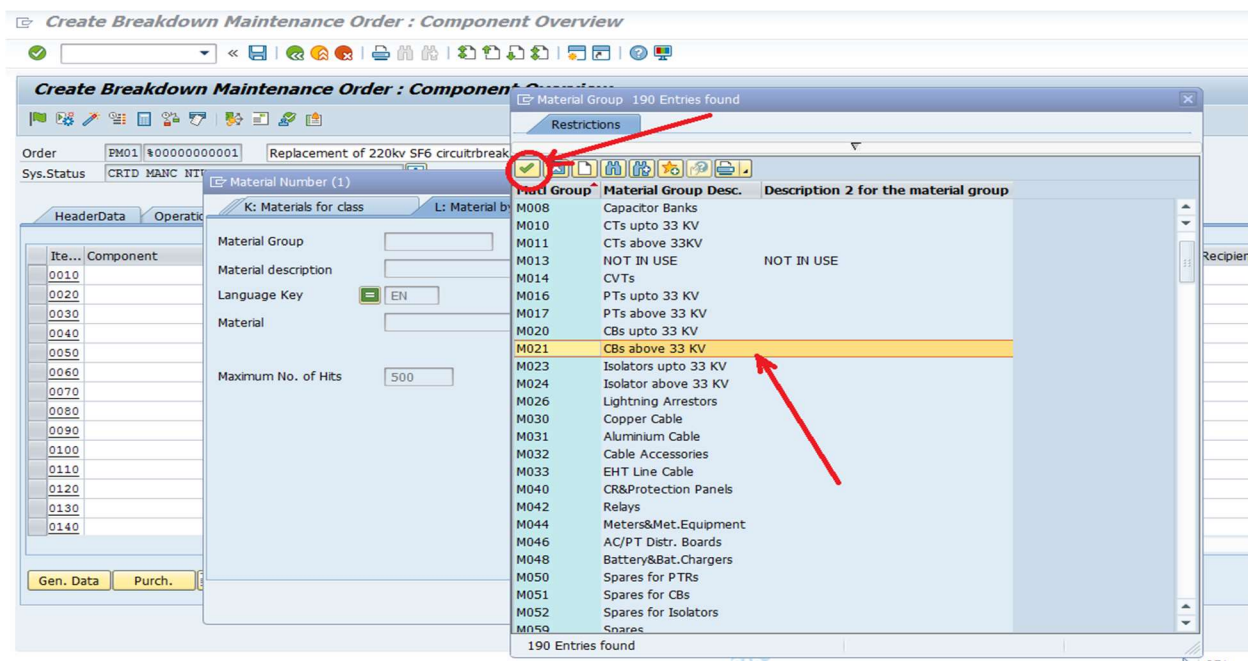
STEP-17: After clicking the search button (or pressing F4), a pop-up window as shown below, will be displayed. This window provides options for conducting your search. There are several tabs available, which give different search options.

Note the three buttons in the upper right corner. The left arrow will bring the previous tab to the front, the right arrow brings the next tab to the front, and the selection list displays a listing of all available tabs and allows you to choose which to bring to the front.

Select the search option **L** for selection of **materials by material group**, as shown below.



STEP-18: Click down arrow beside **material group** field and select the appropriate material group and click **enter** button as indicated below.



STEP-19: The material group selected would be updated in the **material group** field as shown below. Now click **enter** button as indicated below.

Order: PM06 \$00000000001 RMI Works-Replacement of 220KV CB
 Sys.Status: CRID MANC NTUP

Material Number (1)

K: Materials for class L: Material by material group N: Material by EA...

Material Group: M021
 Material description:
 Language Key: EN
 Material:
 Maximum No. of Hits: 500

Gen. Data

STEP-20: Select the require material and click **enter** button as shown below.

Order: PM06 \$00000000001 RMI Work
 Sys.Status: CRID MANC NTUP

Material Number (1) 15 Entries found

K: Materials for class L: Material by material group N: Material by ...

Material Group: M021

Material description	Language	Material
132KV 2 POLE SF6 CIRCUITBREAKER WITH ACC	EN	10001380
132KV 3POLE 1600A 31.5KA SF6 CIRCUIT BRE	EN	10001379
132KV 3POLE 2500A 31.5KA SF6 CIRCUIT BRE	EN	10001378
132KV 3POLE 3150A 31.5 KA SF6 CB WITH	EN	10001384
132KV 3POLE 3150A 40KA SF6 CB WITH ACCES	EN	10001377
220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	EN	10001381
220KV 2 POLE SF6 CIRCUIT BREAKER	EN	10001376
220KV 2500A 40KA SF6 CB WITH ACCESSORIES	EN	10001375
220KV 2500A 50KA SF6 CB WITH ACCESSORIES	EN	10001374
220KV 3150A 40KA SF6 CB WITH ACCESSORIES	EN	10001373
220KV 3150A 50KA SF6 CB WITH ACCESSORIES	EN	10001372
400KV 2000A 50KA SF6 CIRCUIT BREAKER	EN	10001383
400KV 3150A 40KA SF6 CIRCUIT BREAKER	EN	10001371
400KV 3150A 50KA SF6 CIRCUIT BREAKER	EN	10001370
72.5KV CIRCUIT BREAKER WITH CONTROL PANE	EN	10001382

Gen. Data Purch.

STEP-21: The selected material number would be updated in the components tab as shown below. Now click **enter** button as indicated below.

The screenshot shows the SAP 'Create Capital investment order : Component Overview' screen. The top toolbar contains various icons, with the 'Enter' button (a green checkmark icon) highlighted by a red box. A red arrow points from this button to the 'Component' field in the first row of the table, which contains the material number '10001381'. The table has columns for Item, Component, Description, LT, Reqmt Qty, UM, IC, S., SLoc, Plnt, Act, Batch, and Proc. Category. The first row is highlighted in yellow.

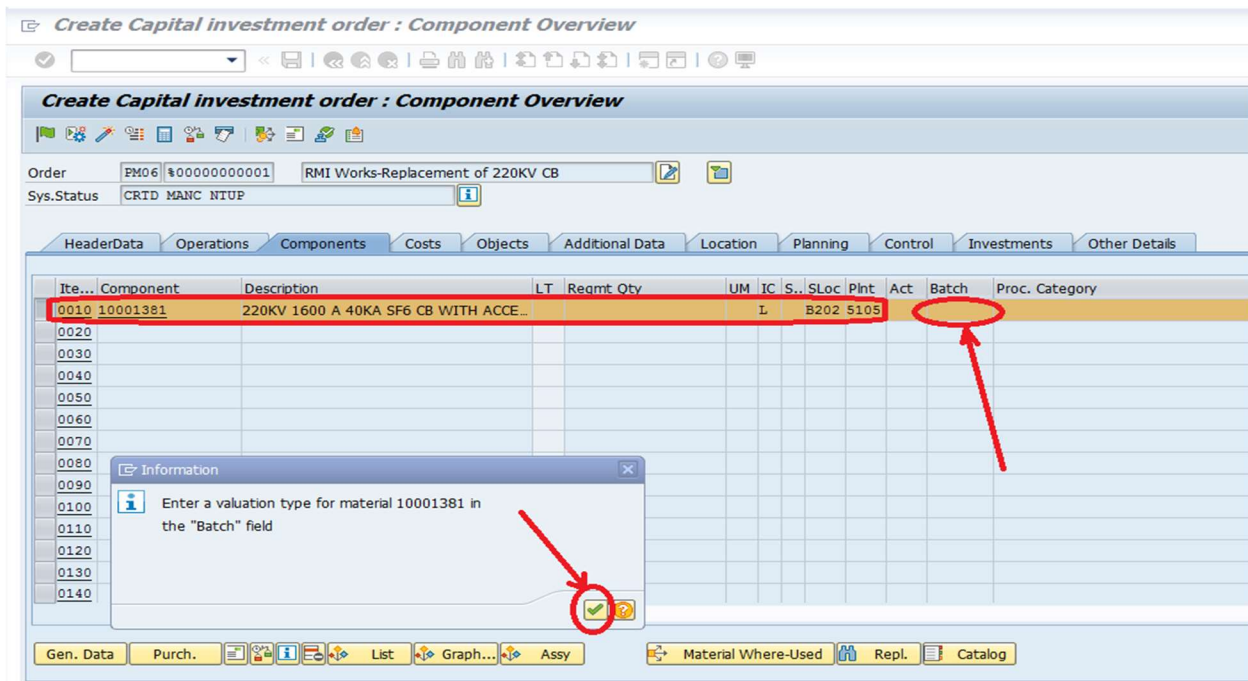
STEP-22: It may be noted that **Description, item category, storage location and plant** fields are updated by the system. Item category '**L**' indicates that material is stock material i.e it is stocked as inventory in stores.

Also there are certain materials which are consumed as soon as they are received from supplier. Unlike stock materials, they are not stocked as inventory items (Eg: Stationery items). They are called non stock materials and their item category is denoted as '**N**'.

In SAP MM module, valuation types **Damaged, Irreparable, New, Refurbished** and **Used** are defined for all equipment material items only. For materials other than equipment, valuation types are not defined.

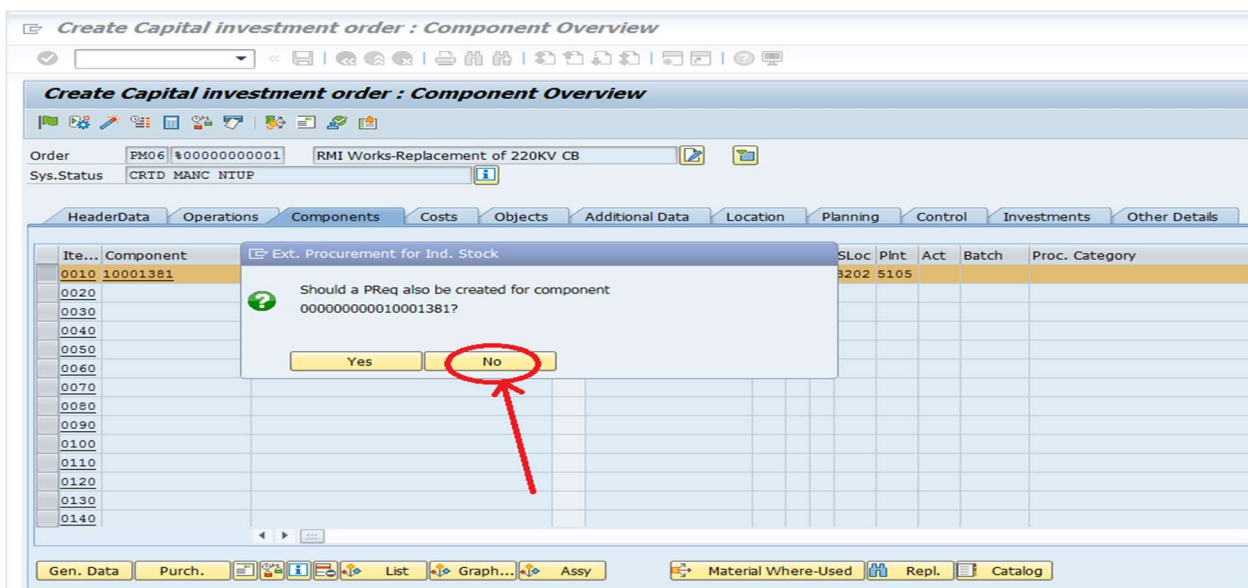
In case the indented material item is a one defined with valuation types, the system throws a pop up message asking to enter valuation type of indented material item.

In the present example, since material being indented is 220KV Circuit Breaker, system has asked to enter valuation type. Click the **enter** button in the pop up message window.



STEP-23: Another pop up dialogue box gets opened as indicated below.

Note: It may be noted that system is asking whether to create a purchase requisition for purchase of the indented material from external source. Since only a material indent to draw material from stores is required, click **No** in the dialogue box as shown below.



STEP-24: It may now be noted that the following fields namely **Units of Measurement (UM)**, **Special Stock**, **Activity Number** and **Proc.category** are updated by the system. The special stock **2** indicates that the stock from which material is to be allotted from stores is **WBS stock i.e project stock**.

Create Capital investment order : Component Overview

Order: FM06 %00000000001 RMI Works-Replacement of 220KV CB
Sys.Status: CRTD MANC

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments Other Details

Ite...	Component	Description	LT	Reqmt Qty	UM	IC	Special stock	SLoc	PInt	Act	Batch	Proc. Category
0010	10001381	220KV 1600 A 40KA SF6 CB WITH ACCE...			SET	1	2	B202	5105	0010		Reservation for WBS Element
0020									5105			
0030									5105			
0040									5105			
0050									5105			
0060									5105			
0070									5105			
0080									5105			
0090									5105			
0100									5105			
0110									5105			
0120									5105			
0130									5105			
0140									5105			

Gen. Data Purch. List Graph... Assy Material Where-Used Repl. Catalog

STEP-25: Click the search button beside **batch** field as indicated below. In the search window click **enter** button as shown below.

Create Capital investment order : Component Overview

Order: FM06 %00000000001 RMI Works-Replacement of 220KV CB
Sys.Status: CRTD MANC

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments Other Details

Batch Number (1)

V: Batches for valuation type B: Valuation types for the material

Material: 10001381
Plant: 5105
Batch:
Maximum No. of Hits: 500

Gen. Data Purch.

STEP-26: Select valuation type **New** and click **enter** button as indicated below if indent is for a new breaker.

The screenshot shows the 'Create Capital investment order : Component Overview' window. On the right, a 'Batch' selection dialog is open, displaying a list of valuation types: DAMAGED, IRREPAIRAB, NEW, REFURBISHE, and USED. The 'NEW' option is highlighted in yellow. A red circle highlights the 'enter' button in the dialog's toolbar, and a red arrow points to the 'NEW' option. The main window shows the 'Components' tab with a table of components.

Ite...	Component	Description
0010	10001381	220KV 1600 A 40KA S
0020		
0030		
0040		
0050		
0060		
0070		
0080		
0090		
0100		
0110		
0120		
0130		
0140		

STEP-27: Now it may be noted that **valuation type (Batch)** field is updated as shown below.

The screenshot shows the 'Create Capital investment order : Component Overview' window with the 'Components' tab selected. The table shows the component '10001381' with a 'Batch' field updated to 'NEW'. A red circle highlights the 'Batch' field, and a red arrow points to it. The table also includes columns for 'LT', 'Reqmt Qty', 'UM', 'IC', 'Special stock', 'SLoc', 'Pnt', 'Act', and 'Proc. Category'.

Ite...	Component	Description	LT	Reqmt Qty	UM	IC	Special stock	SLoc	Pnt	Act	Batch	Proc. Category
0010	10001381	220KV 1600 A 40KA SF6 CB WITH ACCE...			SET	L	2	B202	S105	0010	NEW	ervation for WBS Element
0020									S105			
0030									S105			
0040									S105			
0050									S105			
0060									S105			
0070									S105			
0080									S105			
0090									S105			
0100									S105			
0110									S105			
0120									S105			
0130									S105			
0140									S105			

STEP-28: Enter the requirement quantity and click enter button as indicated below.

Create Capital investment order : Component Overview

Order: FM06 \$00000000001 RMI Works-Replacement of 220KV CB
Sys.Status: CRID MANC

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments Other Details

Ite...	Component	Description	LT	Reqmt Qty	UM	IC	Special stock	SLoc	Plnt	Act	Batch	Proc. Category
0010	10001381	220KV 1600 A 40KA SF6 CB WITH ACCE...		2	SET	L	2	B202	5105	0010	NEW	Reservation for WBS Element
0020									5105			
0030									5105			
0040									5105			
0050									5105			
0060									5105			
0070									5105			
0080									5105			
0090									5105			
0100									5105			
0110									5105			
0120									5105			
0130									5105			
0140									5105			

Gen. Data Purch. List Graph... Assy Material Where-Used Repl. Catalog

STEP-29: Click **Other Details/Enhancements** tab as shown below.

Create Capital investment order : Component Overview

Order: FM06 \$00000000001 RMI Works-Replacement of 220KV CB
Sys.Status: CRID MANC

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments **Other Details**

Ite...	Component	Description	LT	Reqmt Qty	UM	IC	Special stock	SLoc	Plnt	Act	Batch	Proc. Category
0010	10001381	220KV 1600 A 40KA SF6 CB WITH ACCE...		2	SET	L	2	B202	5105	0010	NEW	Reservation for WBS Element
0020									5105			
0030									5105			
0040									5105			
0050									5105			
0060									5105			
0070									5105			
0080									5105			
0090									5105			
0100									5105			
0110									5105			
0120									5105			
0130									5105			
0140									5105			

Gen. Data Purch. List Graph... Assy Material Where-Used Repl. Catalog

STEP-30: In this tab page, all the steps in the process of indent and allotment till the material is received from stores to the local storage location can be tracked, as follows.

- a) As soon as a material item is entered in the **components tab** as explained above, a stock report gets populated against **components stock** as shown below. If the **execute button** is clicked the stock report indicating available stock of the material item across various **plants** can be viewed.
- b) After **release** of maintenance order by concerned Executive Engineer, system creates an indent. An **execute button** is populated against **Indent**. By clicking the **execute button**, the details of indent can be viewed.
- c) After allotment of material against indent by allotment authority, **Allotment Status** and **Outbound Delivery** fields are populated. By clicking respective buttons, details of same can be viewed.
- d) After issue of material by stores authorities, **PGI-Issue from store** field is populated. By clicking this button, details of concerned material document generated can be viewed.
- e) After receipt of material into local storage location of indenting authority, **MIGO-Mat. receipt** field gets populated. By clicking this button, details of concerned material document generated can be viewed.

The screenshot displays the SAP 'Create Breakdown Maintenance Order : Central Header' interface. The 'ALLOTMENT DETAILS' section is active, showing a list of fields with corresponding checkboxes in a vertical column. The fields are: Indent, Allotment Status, Outbound Delivery, PGI-Issue from store, and MIGO-Mat. receipt. A red box highlights this column of checkboxes. A red arrow points from the 'MIGO-Mat. receipt' label to its checkbox. Below these, the 'Components Stock' field is shown with a checked checkbox and a download icon, which is circled in red. The top of the screen shows the order details: Order FM01, System Status CRTD MANC, and the description 'Replacement of 220kv SF6 circuitbreaker'.

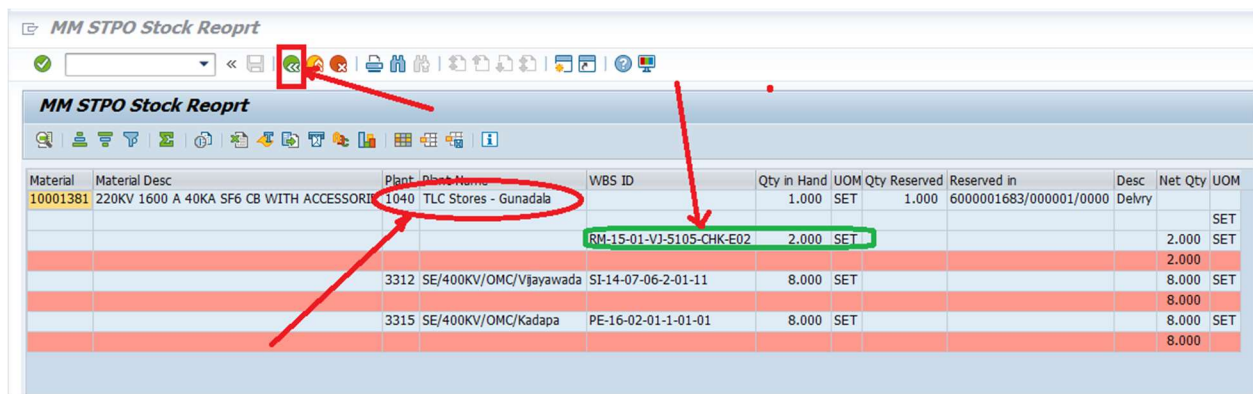
Now click **components stock** button.

STEP-31: As shown below, the stock report would be displayed. **In case multiple materials are entered in components tab, stock report would indicate stock position of all the indented material items.**

It may be noted that in TLC stores, Gunadala, there is stock of the indented material item existing against **WBS element RM-15-01-VJ-5105-CHK-E02**.

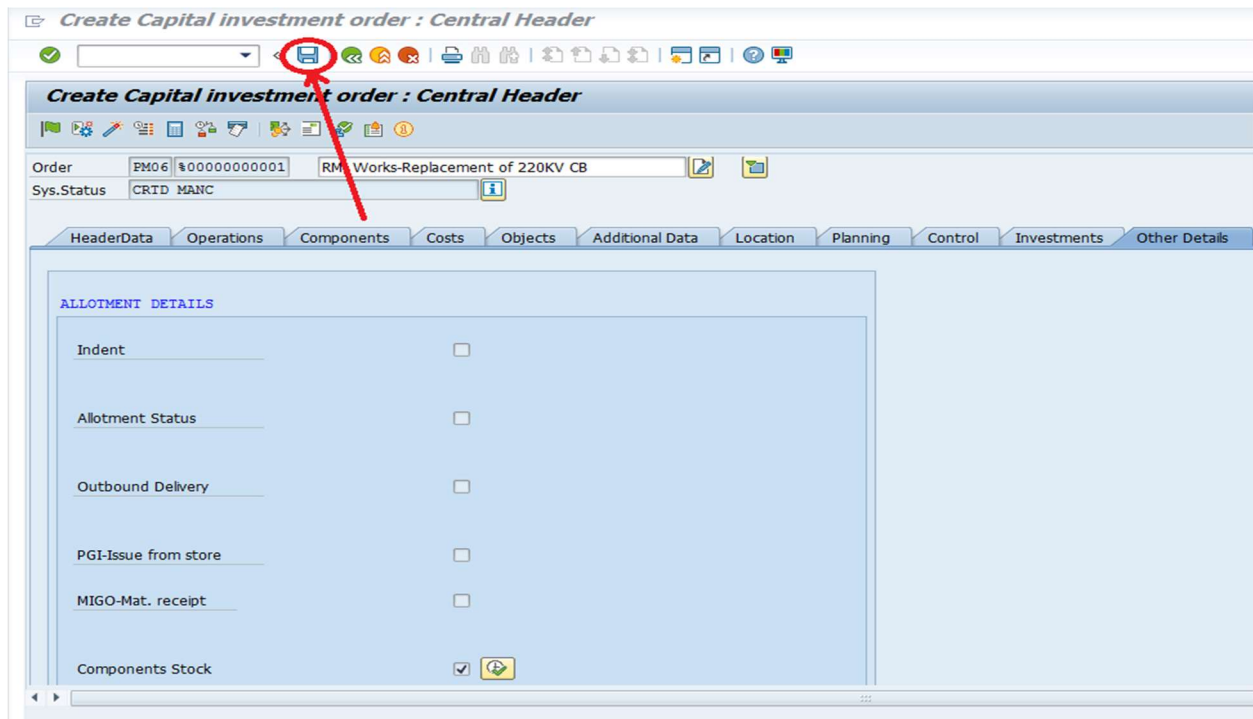
Hence the allotment order can be issued by concerned allotment authority.

Now click **back** button as indicated below.



Material	Material Desc	Plant	Plant Name	WBS ID	Qty in Hand	UOM	Qty Reserved	Reserved in	Desc	Net Qty	UOM
10001381	220KV 1600 A 40KA SF6 CB WITH ACCESSORI	1040	TLC Stores - Gunadala		1.000	SET	1.000	6000001683/000001/0000	Delvry		SET
				RM-15-01-VJ-5105-CHK-E02	2.000	SET				2.000	SET
		3312	SE/400KV/OMC/Vijayawada	SI-14-07-06-2-01-11	8.000	SET				8.000	SET
		3315	SE/400KV/OMC/Kadapa	PE-16-02-01-1-01-01	8.000	SET				8.000	SET

STEP-32: Click **save** button as shown below.



Order: PM06 000000000001 RM Works-Replacement of 220KV CB

Sys.Status: CRID MANC

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Investments Other Details

ALLOTMENT DETAILS

Indent	<input type="checkbox"/>
Allotment Status	<input type="checkbox"/>
Outbound Delivery	<input type="checkbox"/>
PGI-Issue from store	<input type="checkbox"/>
MIGO-Mat. receipt	<input type="checkbox"/>
Components Stock	<input checked="" type="checkbox"/>

STEP-33: Order would be saved and order number would be displayed in the status bar as shown below.

Create Capital investment order: Initial Screen

Header data

Order Type: PM06
Priority:
Func. Loc.:
Equipment:
Plng plant:
Bus. Area:

Reference

☐ Create Follow-On Order
Order:
☒ Operations
☒ Components
☐ Relationships
☐ Document Links

☒ Order saved with number 600000800

Note:-It may be noted that the remaining process of release of maintenance order by concerned Executive Engineer, creation of material indent by the system, allotment by concerned authority, approaching stores for withdrawal of material, issue of material by stores authorities, receipt of material from transit stock to local storage location and issue of material to the maintenance order is same as that in respect of O&M works. Hence the users may please refer the step by step procedure for the same from relevant training manuals already available in other documents.