

SAP-PLANT MAINTENANCE MODULE (PM)

Procurement of External Services in O&M

(Creation of Purchase Order against Purchase Requisition)

In O&M of EHT Sub stations and lines, various works are got executed through external agencies. The selection of external agency is done through open tenders/Limited tenders/nomination process as per the delegation of powers in AP Transco.

The functional process of selection of contractor for execution of the required work is not mapped in SAP application implemented in AP Transco. Choosing of contractor is done outside SAP ERP through either the e-procurement process or otherwise, depending upon the value of contract.

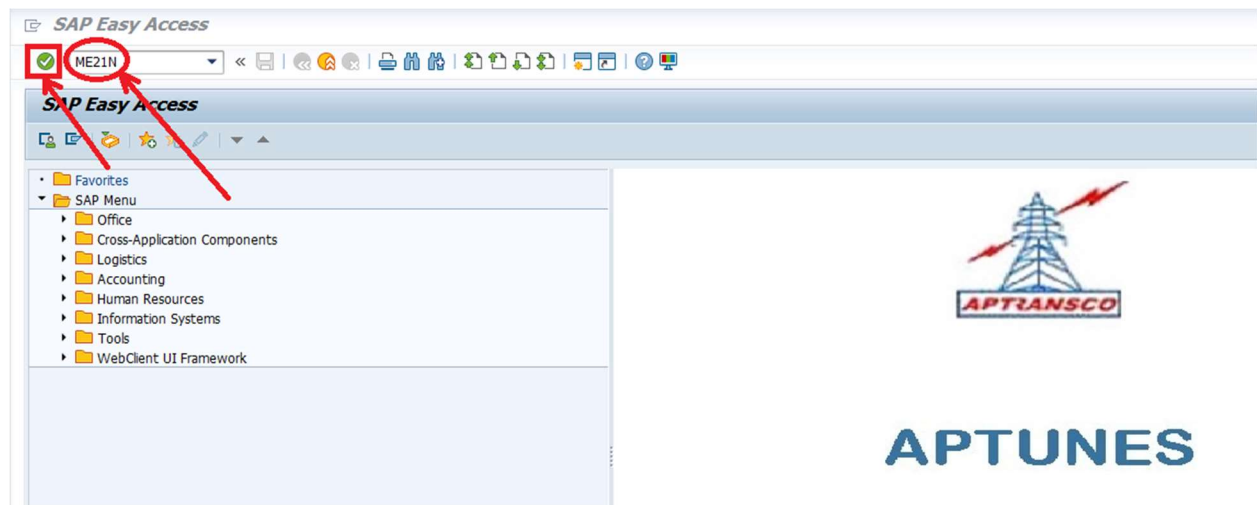
Whenever financial commitment is involved in execution of any activity, a maintenance order should inevitably be created in SAP since the O&M expenditure is booked to the concerned **cost centre**, through maintenance order only. The necessary **work estimate** for procurement of external services is also created through maintenance order.

In SAP, the work estimate is denoted as **Purchase Requisition (PR)**. Any agreement with external agencies either for procurement of materials or services is denoted as **Purchase Order**.

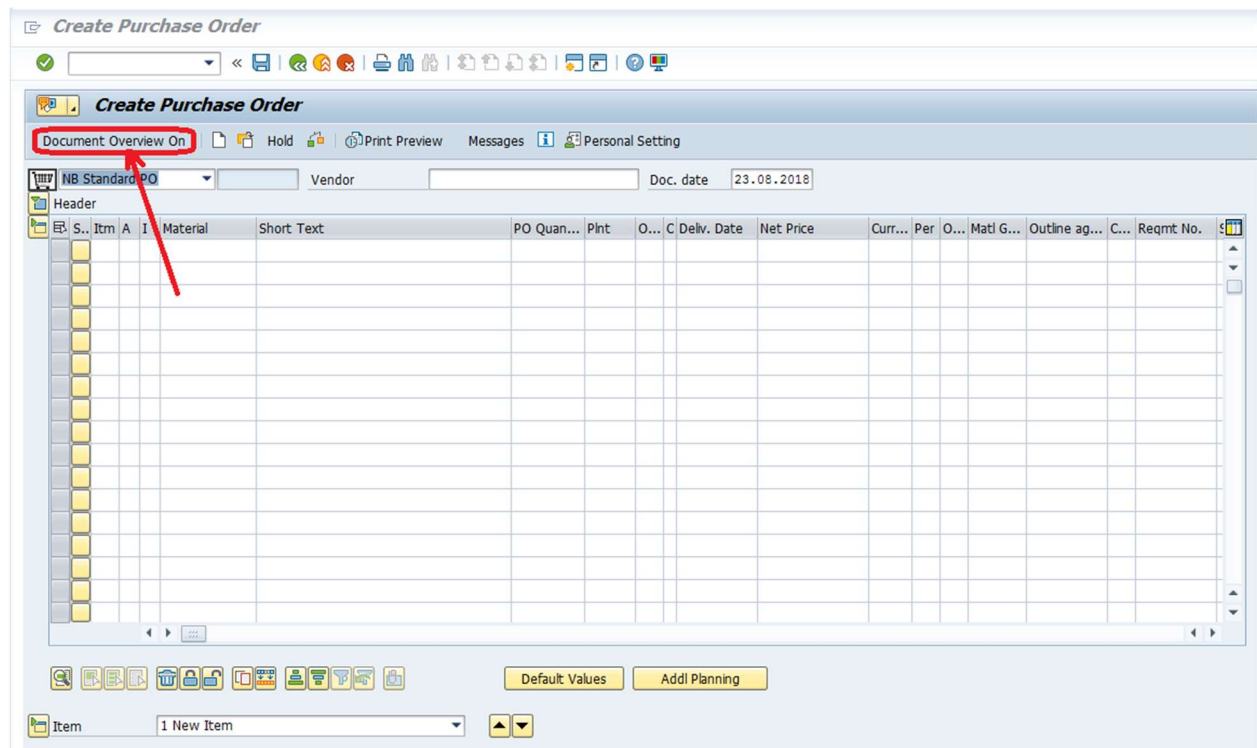
The **purchase order** can either be created directly or with reference to **Purchase Requisition** (i.e. by adopting PR). It is desirable to create purchase order against purchase requisition in order to have a link with the concerned maintenance order.

In this document, step by step procedure of creation of **Purchase Order** for procurement of external services against **Purchase Requisition no: 5000001165** created in **maintenance order no: 100000834** is illustrated, with relevant SAP screen shots.

STEP-1: Enter T-Code **ME21N** in the command field and click **enter** button as indicated below.



STEP-2: In the **create purchase order** screen, Click **Document overview on** button as indicated below.



STEP-3: In the order type field select the order type as **Field works Po** from down arrow.

The screenshot shows the SAP 'Create Purchase Order' interface. The 'Order type' field is set to 'ZSOM Field Works PO', which is highlighted with a red box and a red arrow. The 'Purch. Org.' field is empty, and the 'Search' button (magnifying glass icon) is visible next to it. The 'Vendor' field is also empty. The 'Doc. date' is 27.08.2018. The 'Delivery/Invoice' tab is selected. The 'Item' field shows '1 New Item'.

STEP-4: Click **search** button beside purchase organization field, select **APTRANSCO** from the pop up window and click **enter** button as indicated below.

The screenshot shows the same SAP 'Create Purchase Order' interface, but with a search pop-up window open. The 'Purch. Org.' field is highlighted with a red circle, and the 'Search' button (magnifying glass icon) is also highlighted with a red circle. The pop-up window, titled 'Purchasing Organization (1) 2 Entries found', shows a list of purchasing organizations. The entry '1000 APTRANSCO' is highlighted with a red arrow. The 'Enter' button (return key icon) is also highlighted with a red arrow. The 'Item' field shows '1 New Item'.

STEP-5: Click the **search** button beside **vendor** field. In the search window enter search parameter for fetching the required vendor. In the example shown below, ***SIEME*** is entered as input in **name** field for fetching the vendor SEIMENS LTD. Now click **enter** button in the window as indicated below.

The screenshot displays the SAP 'Create Purchase Order' interface. A search window titled 'Restrict Value Range (1)' is open, showing the 'A: Vendors (General)' tab. The 'Name' field contains the search term '*SIEME*', which is circled in red. A red arrow points from the 'Vendor' field in the main window to the search window. Another red arrow points from the bottom right corner of the search window to the 'enter' button (a green checkmark icon). The main window shows the 'Vendor' field with a dropdown arrow, and the 'Doc. date' is set to 27.08.2018. The 'Purch. Org.' is 1000 and 'Purch. group' is empty. The 'Item' field at the bottom shows '1 New Item'.

STEP-6: From the displayed list, select the required vendor and click **enter** button as shown below.

STEP-8: Click **search** button beside **purchase group** field as shown below.

The screenshot shows the SAP 'Create Purchase Order' interface. The 'Purch. group' field is highlighted with a red circle, and a red arrow points to the magnifying glass icon, indicating the search function. The 'Purch. Org.' is set to '1000' and 'APTRANSKO', and the 'Company Code' is '3000' and 'APTRANSKO'. The 'Vendor' field is '102276 SIEMENS LIMITED' and the 'Doc. date' is '27.08.2018'. The 'No variant defined' message is visible on the left.

STEP-9: Select purchase group of concerned official who is creating Purchase Requisition and click **enter** button as indicated below.

The screenshot shows the SAP 'Create Purchase Order' interface. A dropdown menu titled 'Restrictions' is open, displaying a list of purchasing groups. A red arrow points to the checkmark icon in the top-left corner of this menu. The background shows the 'Purchase Order' header with fields for 'Purch. Org.' (1000), 'Purch. group' (empty), and 'Company Code' (3000). The 'Item' table is visible at the bottom, showing '1 New Item'.

STEP-10: Now click **Delivery/Invoice** tab.

STEP-11: In this tab the payment terms code is required to be entered by selecting same from **search** button, as shown below.

It may be noted that the payment codes as mentioned below are applicable for field purchase orders placed for procurement of external services.

- i) In respect of O&M purchase orders for which payments are made at field level through **LOC** funds, payment code '**LC3A**' is to be selected.
- ii) In respect purchase orders for of RMI and other capital works for which payments are made through **LOC** funds, payment code '**LC1A**' is to be selected.
- iii) In respect of purchase orders for RMI and other capital works for which payments are made at Vidyut Soudha, head quarters through **LOA**, payment code '**LA45**' should be selected. In this case it is also mandatory to incorporate the funding agency which has funded the capital scheme, in the item detail of P.O.


Purchase Order Edit Goto Environment System Help

Document Overview Off Hold Print Preview Messages Personal Setting

Create Purchase Order

ZSOM Field Works PO Vendor 102276 SIEMENS LIMITED Doc. date 27.08.2018

Delivery/Invoice Conditions Texts Address Communication Partners Additional Data BG Data External PO/ Work Commencement

Payment Terms  Currency INR Exchange Rate 1.00000 Exch.Rate Fixed

Payment in days Payment in days Payment in days net Incoterms GR Message

S...	Item	A	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl G...
											INR			
											INR			
											INR			
											INR			
											INR			
											INR			
											INR			

Default Values Addl Planning

Item Detail

Create Purchase Order

Document Overview Off Hold Print Preview Messages Personal Setting


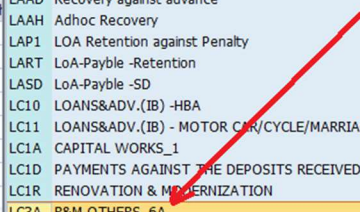
ZSOM Field Works PO

Delivery/Invoice Conditions

Payment Terms Payment in days Payment in days Payment in days net Incoterms

Terms of Payment (1) 92 Entries found

Restrictions

PayT Own explanation

- L3AR MISCELLANEOUS DEPOSITS (ADHOCK)
- L3RM RETENTION MONEY FROM SUPPLIERS/CONTRACTORS - O&M
- L3SD SECURITY DEPOSITS IN CASH - O&M
- LA00 LoA-Payble Imm-Material/Price Varaince
- LA30 LoA-Payble 30 days-Material/ Works
- LA45 LoA-Payble 45 days-Material/ Works
- LAAD Recovery against advance
- LAAH Adhoc Recovery
- LAP1 LOA Retention against Penalty
- LART LoA-Payble -Retention
- LASD LoA-Payble -SD
- LC10 LOANS&ADV.(IB) -HBA
- LC11 LOANS&ADV.(IB) - MOTOR CAR/CYCLE/MARRIAGE LOAN
- LC1A CAPITAL WORKS_1
- LC1D PAYMENTS AGAINST THE DEPOSITS RECEIVED FROM DISCOM
- LC1R RENOVATION & MODERNIZATION
- LC3A R&M-OTHERS_6A**
- LC3B R&M-BUILDINGS_6B
- LC3C R&M-CONTRACT LABOUR PAYMENTS_6C
- LC3F R&M-FURNITURE & FIXTURES_6F

92 Entries found

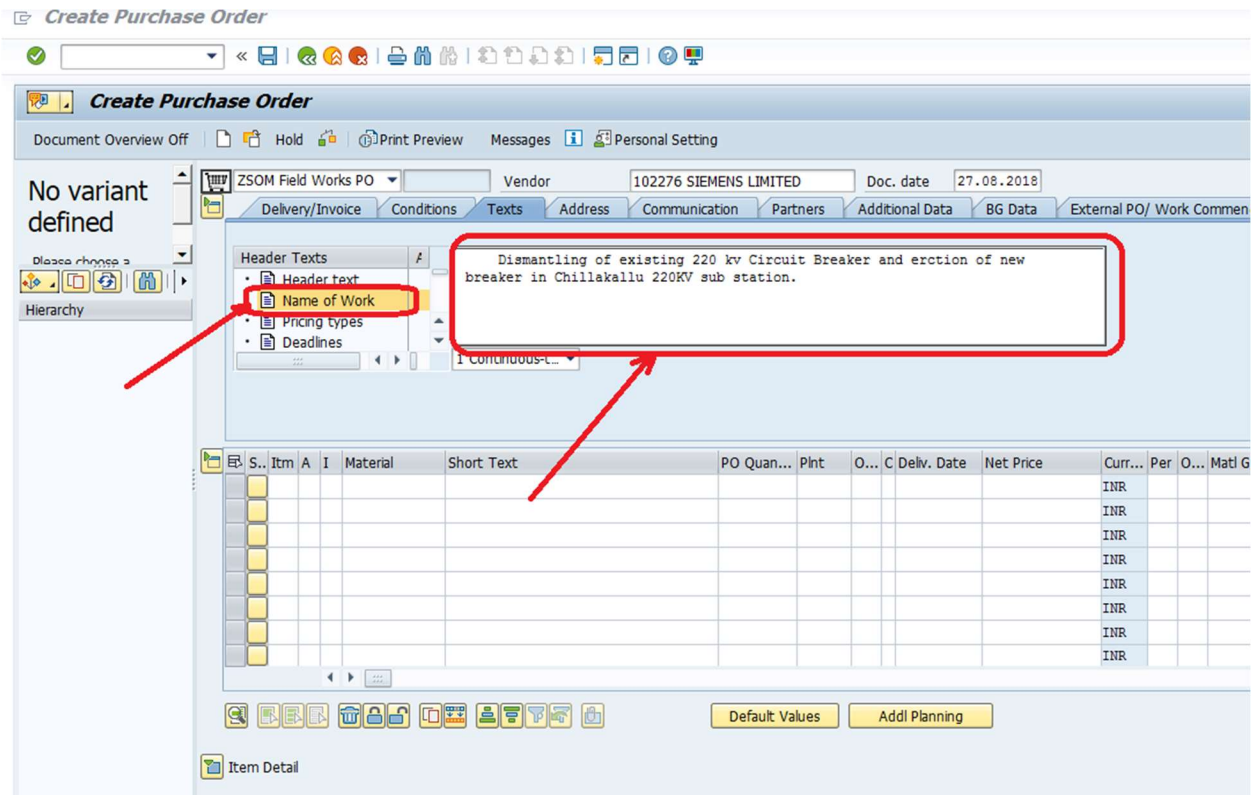
STEP-12: Click **enter** button as shown below.

The screenshot shows the SAP 'Create Purchase Order' interface. The 'Delivery/Invoice' tab is selected. The top toolbar contains various icons, with a red arrow pointing to the 'enter' button (a green checkmark icon). The main area displays fields for 'ZSOM Field Works PO', 'Vendor 102276 SIEMENS LIMITED', and 'Doc. date 27.08.2018'. Below these are tabs for 'Delivery/Invoice', 'Conditions', 'Texts', 'Address', 'Communication', 'Partners', 'Additional Data', 'BG Data', and 'External PO/ Work Commencement'. The 'Texts' tab is highlighted with a red circle. The 'Payment Terms' section shows 'LC3A' and 'Currency INR'. The 'Exchange Rate' is set to '1.00000'. The 'Incoterms' field is empty. The 'GR Message' checkbox is unchecked. A table at the bottom shows columns for 'S...', 'Itm', 'A', 'I', 'Material', 'Short Text', 'PO Quan...', 'Plnt', 'O...', 'C Deliv. Date', 'Net Price', 'Curr...', 'Per', 'O...', 'Matl G...', and 'Out'. The table contains several rows with 'INR' in the 'Curr...' column.

STEP-13: Now click **Texts** tab as indicated below.

The screenshot shows the same SAP 'Create Purchase Order' interface, but now the 'Texts' tab is selected. A red arrow points to the 'Texts' tab. The 'Payment Terms' section shows 'LC3A' and 'Currency INR'. The 'Exchange Rate' is set to '1.00000'. The 'Incoterms' field is empty. The 'GR Message' checkbox is unchecked. The table at the bottom is the same as in the previous screenshot, with 'INR' in the 'Curr...' column.

STEP-14: In the **Header texts** select **Name of work** as indicated below and enter the brief description of work to appear in the **PO**.



The screenshot shows the 'Create Purchase Order' window with the 'Header Texts' tab selected. The 'Name of Work' is highlighted in the list on the left. The text area on the right contains the description: 'Dismantling of existing 220 kv Circuit Breaker and erection of new breaker in Chillakallu 220KV sub station.' A red box highlights the text area, and a red arrow points to the 'Name of Work' selection.

Document Overview Off | Hold | Print Preview | Messages | Personal Setting

Document: ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 27.08.2018

Delivery/Invoice | Conditions | **Texts** | Address | Communication | Partners | Additional Data | BG Data | External PO/ Work Commencement

Header Texts

- Header text
- Name of Work**
- Pricing types
- Deadlines

1 Continuous-t...

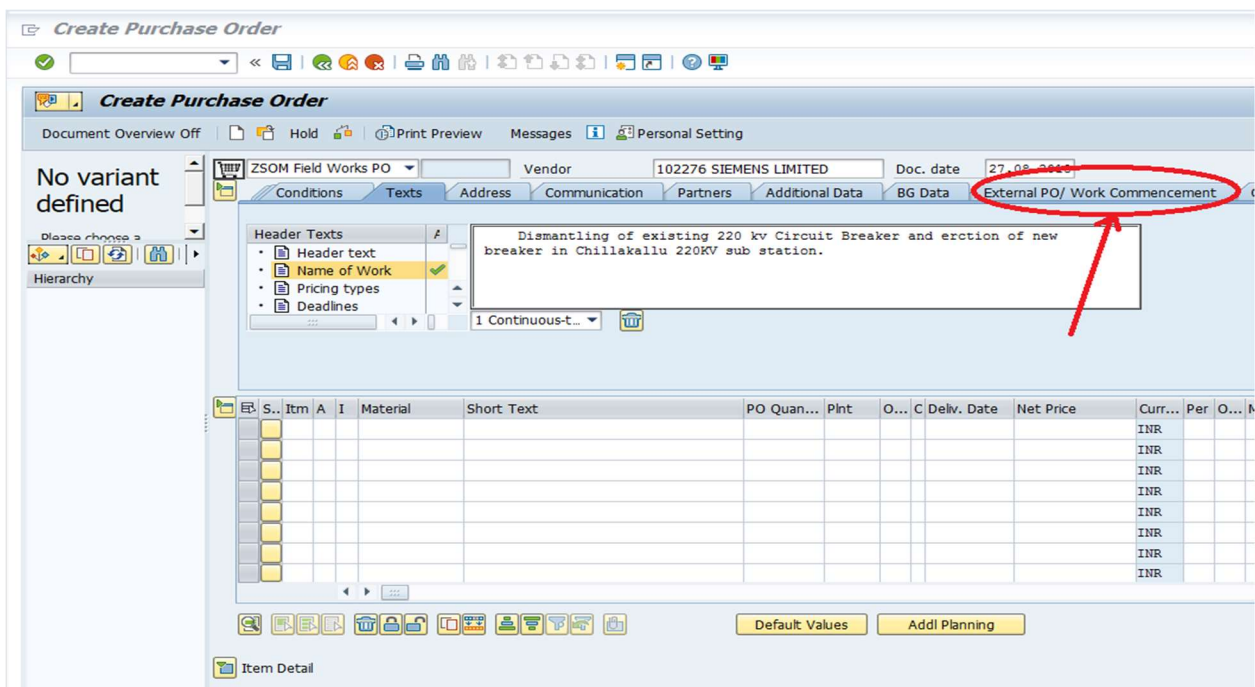
Dismantling of existing 220 kv Circuit Breaker and erection of new breaker in Chillakallu 220KV sub station.

Item	S..	Item	A	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl G
												INR			
												INR			
												INR			
												INR			
												INR			
												INR			
												INR			
												INR			

Default Values | Addl Planning

Item Detail

STEP-15: Click the **External PO/Work Commencement** tab as indicated below.



The screenshot shows the 'Create Purchase Order' window with the 'External PO/Work Commencement' tab selected. The 'Name of Work' is highlighted in the list on the left. The text area on the right contains the description: 'Dismantling of existing 220 kv Circuit Breaker and erection of new breaker in Chillakallu 220KV sub station.' A red box highlights the text area, and a red arrow points to the 'External PO/Work Commencement' tab.

Document Overview Off | Hold | Print Preview | Messages | Personal Setting

Document: ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 27.08.2018

Conditions | Texts | Address | Communication | Partners | Additional Data | BG Data | **External PO/ Work Commencement**

Header Texts

- Header text
- Name of Work**
- Pricing types
- Deadlines

1 Continuous-t...

Dismantling of existing 220 kv Circuit Breaker and erection of new breaker in Chillakallu 220KV sub station.

Item	S..	Item	A	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl G
												INR			
												INR			
												INR			
												INR			
												INR			
												INR			
												INR			
												INR			

Default Values | Addl Planning

Item Detail

[illegible]

STEP-18: Click **Selection variant button** as shown below and select **Purchase Requisitions** option from the list displayed.

Create Purchase Order

Document Overview Off | Hold | Print Preview | Messages | Personal Setting

ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 07.08.2018

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | BG Data | External PO/ Work Commencement | Org. Data

BG Percentage: 0.00

External PO NO: PO NO:OC 555/VJA/CKL-220

IFS External Contract:

LOI Date: 09.08.2018

Warranty Period (Months):

Work Commencement Date:

Work Completion Period:

Work End Date:

LS Agreement No:

Srv. PV Base Date for Cement:

Item	S...	Item	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl G...	Outline ag...	C...	Requ
											INR						
											INR						
											INR						
											INR						
											INR						
											INR						
											INR						

Default Values | Add Planning

Item: 1 New Item

STEP-19: In the screen displayed, enter either **purchase requisition number** or **requirement tracking number** (i.e Maintenance order number through which purchase requisition has been created), as indicated below, and click **execute** button as shown below.

Purchase Requisitions

General selections

Max. no. of hits: 5000

☐ Open only

☐ Released only

☐ Assigned, open, and released

Program selections

Name of Requisitioner/Requester		to		
Requisition (Request) Date		to		
Purchase Requisition Number	5000001165	to		
Requirement Tracking Number	100000834	to		
Item Number		to		
Document Type		to		
Purchasing Group		to		
Purchasing Organization		to		
MPN Material		to		
Name of Processor		to		
Fixed Vendor		to		
Account Assignment Category		to		
Outline Agreement Number		to		
Outline Agreement Item		to		
Desired Vendor		to		
Material Group		to		
Material		to		
Item Category		to		

STEP-20: Now the **Purchase Requisition number** would be displayed in the **create purchase order** screen as shown below.

The screenshot shows the SAP 'Create Purchase Order' screen. In the 'Document Overview' section on the left, the 'Purch.req./Req. item' field displays '5000001165', which is circled in red with an arrow pointing to it. The main area shows the 'ZSOM Field Works PO' document with various fields like Vendor (102276 SIEMENS LIMITED), Doc. date (27.08.2018), and PO NO:OC 555/VJA/CKL-220.

STEP-21: Now select the **purchase requisition** number and click **adopt** button as indicated below, for updating the PR lines in create purchase order screen.

The screenshot shows the same SAP 'Create Purchase Order' screen. The 'Purch.req./Req. item' field still displays '5000001165'. A red arrow points to the 'adopt' button (represented by a small icon) in the 'Document Overview' section. The main area shows the 'ZSOM Field Works PO' document with various fields like Vendor (102276 SIEMENS LIMITED), Doc. date (04.09.2018), and PO NO:OC 555/VJA/CKL-220.

STEP-22: A pop up window as shown below would be displayed. Click the **enter** button as indicated below. This pop up window would be displayed

repeatedly as many times as the number of service items of each of the PR lines. In the present example, it may be noted that there are two service items against the one main line of PR. Hence the pop up window would be opened two times as indicated below. Each time the **enter** button should be clicked as shown below.

Service Specifications: Specs for PO Item Maintain

Service Selection

Sh. Text

Maintain Service Details

Line No. 1

Service CS29-22-1 ERECTION OF 220KV CIRCUIT BREAKER

SSC Item

Account Assignment of Service in Line 1

G/L Account 7410000001 Company Code 3000

CO Area 3000

Cost Center

Order 100000834

Network

Commitment item 99999999

Warning

Item 00001 contains commitment item with financial transaction other than 30

New entry

Service Specifications: Specs for PO Item Maintain

Service Selection

Sh. Text

Maintain Service Details

Line No. 2

Service CS29-22-1-DIS DISMANTLING OF 220KV CIRCUIT BREAKER

SSC Item

Account Assignment of Service in Line 2

G/L Account 7410000001 Company Code 3000

CO Area 3000

Cost Center

Order 100000834

Network

Commitment item 99999999

Warning

Item 00001 contains commitment item with financial transaction other than 30

New entry

STEP-23: In the **invoice** tab at the item level, enter the **tax code** by selecting through search button available beside the tax code field as shown below. If the tax code 01 is selected, the system would automatically consider the applicable GST rate based on the SAC code (Service Accounting Code) for the service item and the location of vendor.

Note:- It may be noted that the tax code is incorporated at line level for each item separately. Hence the same tax code would be applicable for all the services under the item. In case a different tax code is required to be made applicable for any service, the same should be created as a separate line item.

Create Purchase Order

Document Overview Off | Hold | Print Preview | Messages | Personal Setting

Document Overview

ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 04.09.2018

Conditions | Texts | Address | Communication | Partners | Additional Data | BG Data | External PO/ Work Commencement | Org. Data | S

Purch. Org.: 1000 APTRANSCO
Purch. group: B33 AEMChilakallu
Company Code: 3000 APTRANSCO

S...	Itm	A	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Mati G...	Outline
1	F	D			Replacement of 220kv SF6 ckt breaker	1	SE/OM...	AU	D 21.08.2018	31,328.50	INR	1	AU	CB Erect...	

Default Values | Add Planning

Item: 1 [1] Replacement of 220kv SF6 ckt breaker

Services | Limits | Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | India | Account Assignment

Inv. Receipt | Final Invoice | GR-Bsd IV | S.-Based IV

Invoicing Plan

Tax Code

Create Purchase Order

Document Overview Off | Hold | Print Preview | Messages | Personal Setting

Document Overview

ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 04.09.2018

Conditions | Texts | Address | Communication | Partners | Additional Data | BG Data | External PO/ Work Commencement | Org. Data | S

Purch. Org.: 1000 APTRANSCO
Purch. group: B33 AEMChilakallu
Company Code: 3000 APTRANSCO

S...	Itm	A	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Mati G...	Outline
1	F	D			Replacement of 220kv SF6 ckt breaker	1	SE/OM...	AU	D 21.08.2018	31,328.50	INR	1	AU	CB Erect...	

Default Values

Item: 1 [1] Replacement of 220kv SF6 ckt breaker

Services | Limits | Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | India | Account Assignment

Inv. Receipt | Final Invoice | GR-Bsd IV | S.-Based IV

Invoicing Plan

Tax Code

Tax Code (1) 114 Entries found

Restrictions

Tx	Description
01	MM: GST W/O Tax Credit
02	MM: GST With Tax Credit
1D	05%CGST+SGST RCM Ded INPUT - FI
1E	05%IGST RCM Ded INPUT - FI
1F	05%CGST+SGST PURD Ded-INPUT - FI
1G	05%CGST+SGST PURD Non-Ded INPUT - FI
1H	05%IGST PURD Ded-INPUT - FI
1I	05%IGST PURD Non-Ded INPUT - FI
1J	05%CGST+SGST RCM Non-Ded INPUT - FI
1K	05%IGST RCM Non-Ded INPUT - FI
20	MM:05%-IGST REG W/O ITC
21	MM:12%-IGST REG W/O ITC
22	MM:18%-IGST REG W/O ITC
23	MM:28%-IGST REG W/O ITC
26	MM:05%-SGST + CGST REG W/O ITC
27	MM:12%-SGST + CGST REG W/O ITC
28	MM:18%-SGST + CGST REG W/O ITC
29	MM:28%-SGST + CGST REG W/O ITC
2D	12%CGST+SGST RCM Ded INPUT - FI
2E	12%IGST RCM Ded INPUT - FI
2F	12%CGST+SGST PURD Ded-INPUT - FI
2G	12%CGST+SGST PURD Non-Ded INPUT - FI
2H	12%IGST PURD Ded-INPUT - FI
2I	12%IGST PURD Non-Ded INPUT - FI
2J	12%CGST+SGST RCM Non-Ded INPUT - FI
2K	12%IGST RCM Non-Ded INPUT - FI
2L	12%CGST+SGST PURD Ded-INPUT - FI
2M	12%CGST+SGST PURD Non-Ded INPUT - FI
2N	12%IGST PURD Ded-INPUT - FI
2O	12%IGST PURD Non-Ded INPUT - FI
2P	12%CGST+SGST RCM Non-Ded INPUT - FI
2Q	12%IGST RCM Non-Ded INPUT - FI
2R	12%CGST+SGST PURD Ded-INPUT - FI
2S	12%CGST+SGST PURD Non-Ded INPUT - FI
2T	12%IGST PURD Ded-INPUT - FI
2U	12%IGST PURD Non-Ded INPUT - FI
2V	12%CGST+SGST RCM Non-Ded INPUT - FI
2W	12%IGST RCM Non-Ded INPUT - FI
2X	12%CGST+SGST PURD Ded-INPUT - FI
2Y	12%CGST+SGST PURD Non-Ded INPUT - FI
2Z	12%IGST PURD Ded-INPUT - FI
2AA	12%IGST PURD Non-Ded INPUT - FI
2AB	12%CGST+SGST RCM Non-Ded INPUT - FI
2AC	12%IGST RCM Non-Ded INPUT - FI
2AD	12%CGST+SGST PURD Ded-INPUT - FI
2AE	12%CGST+SGST PURD Non-Ded INPUT - FI
2AF	12%IGST PURD Ded-INPUT - FI
2AG	12%IGST PURD Non-Ded INPUT - FI
2AH	12%CGST+SGST RCM Non-Ded INPUT - FI
2AI	12%IGST RCM Non-Ded INPUT - FI
2AJ	12%CGST+SGST PURD Ded-INPUT - FI
2AK	12%CGST+SGST PURD Non-Ded INPUT - FI
2AL	12%IGST PURD Ded-INPUT - FI
2AM	12%IGST PURD Non-Ded INPUT - FI
2AN	12%CGST+SGST RCM Non-Ded INPUT - FI
2AO	12%IGST RCM Non-Ded INPUT - FI
2AP	12%CGST+SGST PURD Ded-INPUT - FI
2AQ	12%CGST+SGST PURD Non-Ded INPUT - FI
2AR	12%IGST PURD Ded-INPUT - FI
2AS	12%IGST PURD Non-Ded INPUT - FI
2AT	12%CGST+SGST RCM Non-Ded INPUT - FI
2AU	12%IGST RCM Non-Ded INPUT - FI
2AV	12%CGST+SGST PURD Ded-INPUT - FI
2AW	12%CGST+SGST PURD Non-Ded INPUT - FI
2AX	12%IGST PURD Ded-INPUT - FI
2AY	12%IGST PURD Non-Ded INPUT - FI
2AZ	12%CGST+SGST RCM Non-Ded INPUT - FI
2BA	12%IGST RCM Non-Ded INPUT - FI
2BB	12%CGST+SGST PURD Ded-INPUT - FI
2BC	12%CGST+SGST PURD Non-Ded INPUT - FI
2BD	12%IGST PURD Ded-INPUT - FI
2BE	12%IGST PURD Non-Ded INPUT - FI
2BF	12%CGST+SGST RCM Non-Ded INPUT - FI
2BG	12%IGST RCM Non-Ded INPUT - FI
2BH	12%CGST+SGST PURD Ded-INPUT - FI
2BI	12%CGST+SGST PURD Non-Ded INPUT - FI
2BJ	12%IGST PURD Ded-INPUT - FI
2BK	12%IGST PURD Non-Ded INPUT - FI
2BL	12%CGST+SGST RCM Non-Ded INPUT - FI
2BM	12%IGST RCM Non-Ded INPUT - FI
2BN	12%CGST+SGST PURD Ded-INPUT - FI
2BO	12%CGST+SGST PURD Non-Ded INPUT - FI
2BP	12%IGST PURD Ded-INPUT - FI
2BQ	12%IGST PURD Non-Ded INPUT - FI
2BR	12%CGST+SGST RCM Non-Ded INPUT - FI
2BS	12%IGST RCM Non-Ded INPUT - FI
2BT	12%CGST+SGST PURD Ded-INPUT - FI
2BU	12%CGST+SGST PURD Non-Ded INPUT - FI
2BV	12%IGST PURD Ded-INPUT - FI
2BV	12%IGST PURD Non-Ded INPUT - FI
2BW	12%CGST+SGST RCM Non-Ded INPUT - FI
2BX	12%IGST RCM Non-Ded INPUT - FI
2BY	12%CGST+SGST PURD Ded-INPUT - FI
2BZ	12%CGST+SGST PURD Non-Ded INPUT - FI
2CA	12%IGST PURD Ded-INPUT - FI
2CB	12%IGST PURD Non-Ded INPUT - FI
2CC	12%CGST+SGST RCM Non-Ded INPUT - FI
2CD	12%IGST RCM Non-Ded INPUT - FI
2CE	12%CGST+SGST PURD Ded-INPUT - FI
2CF	12%CGST+SGST PURD Non-Ded INPUT - FI
2CG	12%IGST PURD Ded-INPUT - FI
2CG	12%IGST PURD Non-Ded INPUT - FI
2CH	12%CGST+SGST RCM Non-Ded INPUT - FI
2CH	12%IGST RCM Non-Ded INPUT - FI
2CI	12%CGST+SGST PURD Ded-INPUT - FI
2CI	12%CGST+SGST PURD Non-Ded INPUT - FI
2CJ	12%IGST PURD Ded-INPUT - FI
2CJ	12%IGST PURD Non-Ded INPUT - FI
2CK	12%CGST+SGST RCM Non-Ded INPUT - FI
2CK	12%IGST RCM Non-Ded INPUT - FI
2CL	12%CGST+SGST PURD Ded-INPUT - FI
2CL	12%CGST+SGST PURD Non-Ded INPUT - FI
2CM	12%IGST PURD Ded-INPUT - FI
2CM	12%IGST PURD Non-Ded INPUT - FI
2CN	12%CGST+SGST RCM Non-Ded INPUT - FI
2CN	12%IGST RCM Non-Ded INPUT - FI
2CO	12%CGST+SGST PURD Ded-INPUT - FI
2CO	12%CGST+SGST PURD Non-Ded INPUT - FI
2CP	12%IGST PURD Ded-INPUT - FI
2CP	12%IGST PURD Non-Ded INPUT - FI
2CQ	12%CGST+SGST RCM Non-Ded INPUT - FI
2CQ	12%IGST RCM Non-Ded INPUT - FI
2CR	12%CGST+SGST PURD Ded-INPUT - FI
2CR	12%CGST+SGST PURD Non-Ded INPUT - FI
2CS	12%IGST PURD Ded-INPUT - FI
2CS	12%IGST PURD Non-Ded INPUT - FI
2CT	12%CGST+SGST RCM Non-Ded INPUT - FI
2CT	12%IGST RCM Non-Ded INPUT - FI
2CU	12%CGST+SGST PURD Ded-INPUT - FI
2CU	12%CGST+SGST PURD Non-Ded INPUT - FI
2CV	12%IGST PURD Ded-INPUT - FI
2CV	12%IGST PURD Non-Ded INPUT - FI
2CW	12%CGST+SGST RCM Non-Ded INPUT - FI
2CW	12%IGST RCM Non-Ded INPUT - FI
2CX	12%CGST+SGST PURD Ded-INPUT - FI
2CX	12%CGST+SGST PURD Non-Ded INPUT - FI
2CY	12%IGST PURD Ded-INPUT - FI
2CY	12%IGST PURD Non-Ded INPUT - FI
2CZ	12%CGST+SGST RCM Non-Ded INPUT - FI
2CZ	12%IGST RCM Non-Ded INPUT - FI
2DA	12%CGST+SGST PURD Ded-INPUT - FI
2DA	12%CGST+SGST PURD Non-Ded INPUT - FI
2DB	12%IGST PURD Ded-INPUT - FI
2DB	12%IGST PURD Non-Ded INPUT - FI
2DC	12%CGST+SGST RCM Non-Ded INPUT - FI
2DC	12%IGST RCM Non-Ded INPUT - FI
2DD	12%CGST+SGST PURD Ded-INPUT - FI
2DD	12%CGST+SGST PURD Non-Ded INPUT - FI
2DE	12%IGST PURD Ded-INPUT - FI
2DE	12%IGST PURD Non-Ded INPUT - FI
2DF	12%CGST+SGST RCM Non-Ded INPUT - FI
2DF	12%IGST RCM Non-Ded INPUT - FI
2DG	12%CGST+SGST PURD Ded-INPUT - FI
2DG	12%CGST+SGST PURD Non-Ded INPUT - FI
2DH	12%IGST PURD Ded-INPUT - FI
2DH	12%IGST PURD Non-Ded INPUT - FI
2DI	12%CGST+SGST RCM Non-Ded INPUT - FI
2DI	12%IGST RCM Non-Ded INPUT - FI
2DJ	12%CGST+SGST PURD Ded-INPUT - FI
2DJ	12%CGST+SGST PURD Non-Ded INPUT - FI
2DK	12%IGST PURD Ded-INPUT - FI
2DK	12%IGST PURD Non-Ded INPUT - FI
2DL	12%CGST+SGST RCM Non-Ded INPUT - FI
2DL	12%IGST RCM Non-Ded INPUT - FI
2DM	12%CGST+SGST PURD Ded-INPUT - FI
2DM	12%CGST+SGST PURD Non-Ded INPUT - FI
2DN	12%IGST PURD Ded-INPUT - FI
2DN	12%IGST PURD Non-Ded INPUT - FI
2DO	12%CGST+SGST RCM Non-Ded INPUT - FI
2DO	12%IGST RCM Non-Ded INPUT - FI
2DP	12%CGST+SGST PURD Ded-INPUT - FI
2DP	12%CGST+SGST PURD Non-Ded INPUT - FI
2DP	12%IGST PURD Ded-INPUT - FI
2DP	12%IGST PURD Non-Ded INPUT - FI
2DQ	12%CGST+SGST RCM Non-Ded INPUT - FI
2DQ	12%IGST RCM Non-Ded INPUT - FI
2DR	12%CGST+SGST PURD Ded-INPUT - FI
2DR	12%CGST+SGST PURD Non-Ded INPUT - FI
2DS	12%IGST PURD Ded-INPUT - FI
2DS	12%IGST PURD Non-Ded INPUT - FI
2DT	12%CGST+SGST RCM Non-Ded INPUT - FI
2DT	12%IGST RCM Non-Ded INPUT - FI
2DU	12%CGST+SGST PURD Ded-INPUT - FI
2DU	12%CGST+SGST PURD Non-Ded INPUT - FI
2DU	12%IGST PURD Ded-INPUT - FI
2DU	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI
2DV	12%CGST+SGST RCM Non-Ded INPUT - FI
2DV	12%IGST RCM Non-Ded INPUT - FI
2DV	12%CGST+SGST PURD Ded-INPUT - FI
2DV	12%CGST+SGST PURD Non-Ded INPUT - FI
2DV	12%IGST PURD Ded-INPUT - FI
2DV	12%IGST PURD Non-Ded INPUT - FI

STEP-24: Now click **enter** button as indicated below.

The screenshot shows the SAP 'Create Purchase Order' interface. At the top, there's a header bar with a green checkmark icon highlighted by a red box. Below this, the 'Document Overview' section on the left shows a tree view with 'Purch.req./Req. item' and '5000001165' highlighted. The main area displays various fields for the purchase order, including 'Vendor' (102276 SIEMENS LIMITED), 'Doc. date' (05.09.2018), and 'Material' (Replacement of 220kv SF6 ckt breaker). The 'Tax Code' field at the bottom right contains the value '01' and is circled in red, with a red arrow pointing to it.

STEP-25: It may be noted that purchase requisition line is updated in the **item over view** of Purchase order creation screen as shown below.

The **Account assignment category 'F'** indicates that the service item is originated from maintenance order. (Since PR created in maintenance order is adopted)

The **Item category 'D'** indicates that the item is a service item.

This screenshot shows the 'Item Overview' tab of the SAP 'Create Purchase Order' screen. The first item line is highlighted with a red circle around the 'F' in the 'Account Assignment' column and another red circle around the 'D' in the 'Item Category' column. A red arrow points to the 'Services' tab in the bottom section of the screen. The 'Short Text' for the item is 'Replacement of 220kv SF6 ckt breaker', which is also circled in red.

The various services included under the item can be seen in the **services tab** at **item detail** level, as shown below. It may be noted that net price indicated at the line level i.e **31,328** is the sum of gross prices of two services at item detail level i.e **17902 and 13426.50** respectively.

Note:- i) It may be noted that though PR is adopted in the PO, these prices are not updated from the PR. They are updated directly from the service master. If prices are not available in the master data, the price field would be blank.

ii) The prices need to be modified as per the actual contractual prices.

Create Purchase Order

Document Overview Off | Hold | Print Preview | Messages | Personal Setting

Document Overview

SAD&MERANE

Purch.req./Req. item

5000001165

ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 06.09.2018

Header

S.	Item	A	I	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl G
1	F	D			Replacement of 220kv SF6 ckt breaker	1	SE/OM...	AU	D 21.08.2018	31,328.50	INR	1	AU	CB Ere

Default Values | Addl Planning

Item: 1 [1] Replacement of 220kv SF6 ckt breaker


Services | Limits | Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | India | Account Assignm

Line	D.	Service No.	Short Text	Quantity	Un	Gross Price	Crcy	Overf
1		CS29-22-1	ERECTION OF 220KV CIRCUIT BREA... 1		EA	17,902.00	INR	
2		CS29-22-1-D	DISMANTLING OF 220KV CIRCUIT B... 1		EA	13,426.50	INR	
3							INR	
4							INR	
5							INR	
6							INR	
7							INR	
8							INR	
9							INR	
10							INR	

Service Sel. | Line: 1

STEP-26: Now before saving the purchase order, click the **check** button as shown below to find whether there are any errors.

Create Purchase Order

Document Overview Off | Hold |  | Print Preview | Messages | Personal Setting

Document Overview

SAD&MERANE

Purch.req./Req. item

5000001165

ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED | Doc. date: 06.09.2018

Line	Item	Material	Short Text	PO Quan...	Plnt	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl G
1	F	D	Replacement of 220kv SF6 ckt breaker	1	SE/OM	AU	D 21.08.2018	31,328.50	INR	1	AU	CB Ere

Default Values | Addl Planning

Item: 1 [1] Replacement of 220kv SF6 ckt breaker


Services | Limits | Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | India | Account Assignm

Line	D..	Service No.	Short Text	Quantity	Un	Gross Price	Crcy	Overf
1	<input type="checkbox"/>	CS29-22-1	ERECTION OF 220KV CIRCUIT BREA...	1	EA	17,902.00	INR	
2	<input type="checkbox"/>	CS29-22-1-D...	DISMANTLING OF 220KV CIRCUIT B...	1	EA	13,426.50	INR	
3	<input type="checkbox"/>						INR	
4	<input type="checkbox"/>						INR	
5	<input type="checkbox"/>						INR	
6	<input type="checkbox"/>						INR	
7	<input type="checkbox"/>						INR	
8	<input type="checkbox"/>						INR	
9	<input type="checkbox"/>						INR	
10	<input type="checkbox"/>						INR	

Service Sel. | Line 1

STEP-27: It may be noted that in the status bar, system has displayed **"No messages issued during check"**. This message confirms that there are no errors in the PO creation and hence PO can be saved. Click the **save** button as indicated below.

Create Purchase Order

Document Overview Off | Hold |  | Print Preview | Messages | Personal Setting

Document Overview

SAD&MERANE

Purch.req./Req. item

5000001165

ZSOM Field Works PO | Vendor: 102276 SIEMENS LIMITED

Header

S..	Item	A	I	Material	Short Text	PO Quan...	Plnt
	1	F	D		Replacement of 220kv SF6 ckt breaker		1 SE/O

Default Values

Item: 1 [1] Replacement of 220kv SF6 ckt breaker

Services | Limits | Material Data | Quantities/Weights | Delivery Schedule

Line	D..	Service No.	Short Text	Quantity
1	<input type="checkbox"/>	CS29-22-1	ERECTION OF 220KV CIRCUIT BREA...	1
2	<input type="checkbox"/>	CS29-22-1-D...	DISMANTLING OF 220KV CIRCUIT B...	1
3	<input type="checkbox"/>			
4	<input type="checkbox"/>			
5	<input type="checkbox"/>			
6	<input type="checkbox"/>			
7	<input type="checkbox"/>			
8	<input type="checkbox"/>			
9	<input type="checkbox"/>			
10	<input type="checkbox"/>			

Service Sel.

☒ No messages issued during check

SAP

The created PO can be modified and displayed with t-codes **ME22N** and **ME23N** respectively.

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