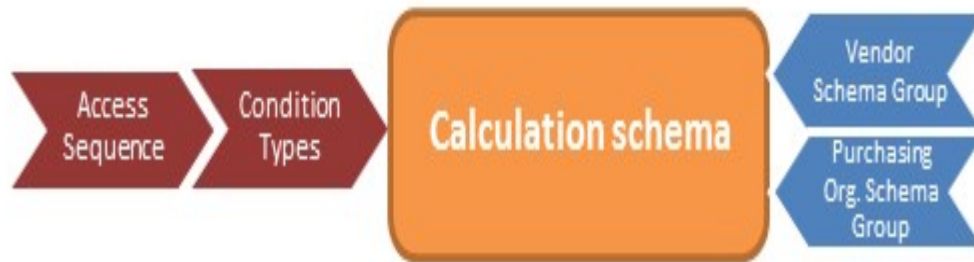


PRICING PROCEDURE

The main concept of pricing procedure is combination of different pricing parameters.

Example Gross price, discount, freight & Surcharges etc,



Steps Involved in the Pricing procedure :

Step 1: Maintain Condition table

Step 2 : Define Access Sequence

Step 3 : Define Condition Types

Step 4 : Define calculation Schema

Step 5 : Define schema group

Step 6 : Define schema of Determination

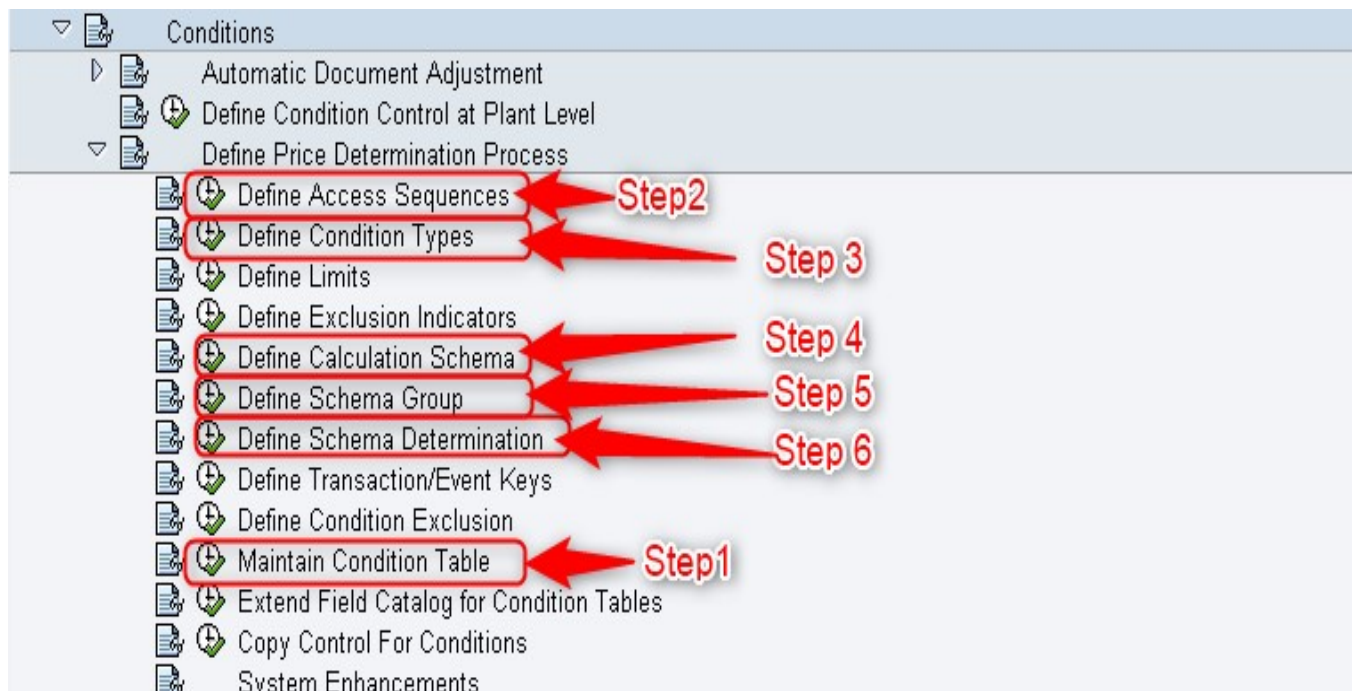
Step 7 : Assign schema of vendor to Normal vendor

Step 8 : Maintain condition record

Step 9 : Create Purchase order

Path to customize the pricing procedure are as follows:

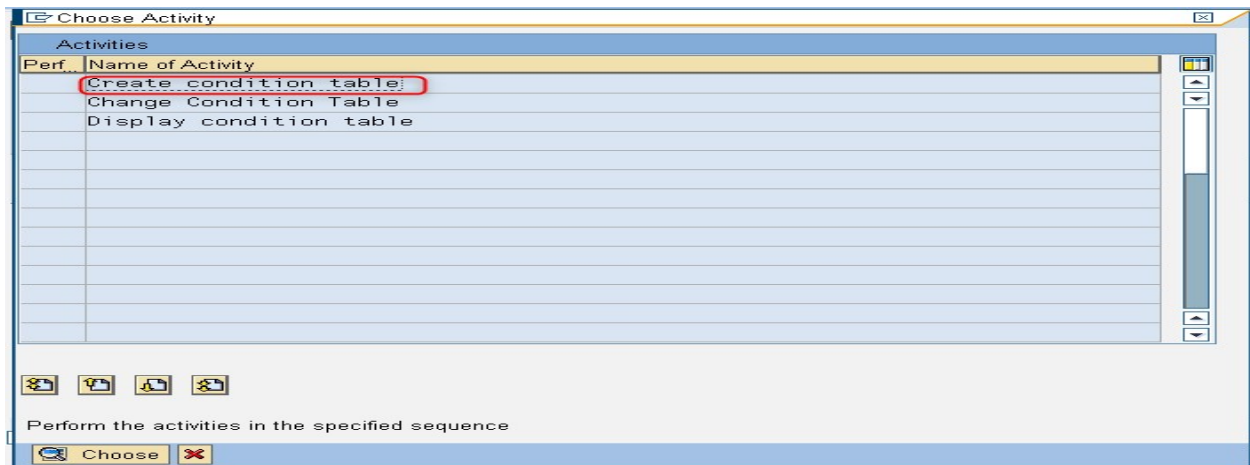
SPRO => Materials Management => Purchasing => Conditions => Define Price determination process



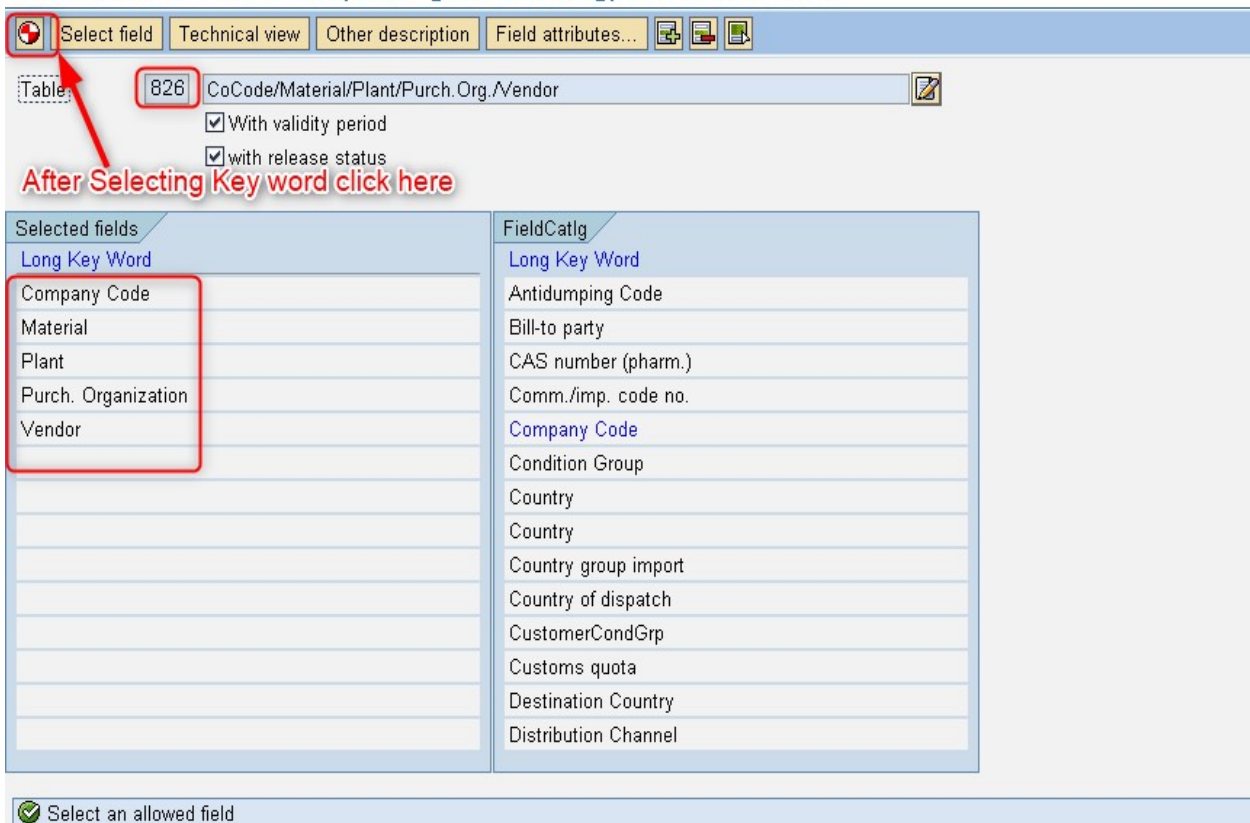
Step 1 : Maintain Condition Table :

In this table we can save the all fields with combination for individual condition record.

Note : Create a condition table apart from the SAP standards.



Create Condition Table (Pricing Purchasing): Field Overview



Create Object Directory Entry

Object: R3TR VKOS A826

Attributes:

Package:

Person Responsible: SAPUSER

Original System: EC6

Original language:

Local Object Lock Overview

Status	Msg.	Note
Information	805	Table A826 has been saved
Information	748	Reports and screens for table A 826 marked for generation

Hence we save this Condition table it takes the table number as 826 as shown in figure.

Step 2 : Define Access Sequence :

The main thing of access sequence is it search condition record for condition type from condition table.

One access sequence contains many condition table.

The main function of access sequence it helps to determine the condition type wrt vendor & purchase organization.

Click On Define Access sequence => New Entries

New Entries: Overview of Added Entries


[illegible]

Change View "Fields": Overview

[illegible]


[illegible]

- i) Create Gross price condition type
Copy from PB00 and define Y001 and assign to access sequence YS

Condit. type	Y001	Gross Price	Access seq.	YS	Gross Price
Records for access					
Control data 1					
Cond. class	B	Prices	Plus/minus	<input type="checkbox"/> positive a	
Calculat.type	C	Quantity			
Cond.category	H	Basic price			
Rounding rule	<input type="checkbox"/>	Commercial			
StrucCond.	<input type="checkbox"/>				
Group condition					
<input type="checkbox"/> Group cond.		GrpCond.routine <input type="checkbox"/>			
<input type="checkbox"/> RoundDiffComp					
Changes which can be made					
Manual entries <input type="checkbox"/> No limitations					
<input type="checkbox"/> Header condit.	<input checked="" type="checkbox"/> Item condition	<input type="checkbox"/> Delete	<input checked="" type="checkbox"/> Amount/percent	<input checked="" type="checkbox"/> Qty relation	<input type="checkbox"/> Calculat.type
		<input type="checkbox"/> Value			
Master data					
valid from	<input type="checkbox"/> Today's date	PricingProc	RM0002		
Valid to	<input type="checkbox"/> 31.12.9999	delete fr. DB	Do not delete (set the deletion fls )		
<input checked="" type="checkbox"/> Specify target entries					

- ii) Create Freight % condition type
Copy from FRA1 and define SLYF and assign to access sequence YS.

Change View "Conditions: Condition Types": Details of Selected Set

Condit. type	SLYF	Freight %	Access seq.	YS	
Records for access					
Control data 1					
Cond. class	A	Discount or surcharge	Plus/minus	<input type="checkbox"/> positive a	
Calculat.type	A	Percentage			
Cond.category	B	Delivery costs			
Rounding rule	<input type="checkbox"/>	Commercial			
StrucCond.	<input type="checkbox"/>				
Group condition					
<input type="checkbox"/> Group cond.		GrpCond.routine <input type="checkbox"/>			
<input type="checkbox"/> RoundDiffComp					
Changes which can be made					
Manual entries <input type="checkbox"/> No limitations					
<input type="checkbox"/> Header condit.	<input checked="" type="checkbox"/> Item condition	<input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> Amount/percent	<input type="checkbox"/> Qty relation	<input type="checkbox"/> Calculat.type
		<input type="checkbox"/> Value			
Master data					
valid from	<input type="checkbox"/> Today's date	PricingProc	<input type="text"/>		
Valid to	<input type="checkbox"/> 31.12.9999	delete fr. DB	Do not delete (set the deletion fls )		

Note: While defining Freight condition type we check mark on the Accruals as below shown in figure

Control data 2		
<input type="checkbox"/> Currency conv.	<input type="checkbox"/> Promotion Cond.	Exclusion <input type="checkbox"/>
<input checked="" type="checkbox"/> Accruals	<input type="checkbox"/> Variant cond.	
<input type="checkbox"/> Inv.list cond.	<input type="checkbox"/> Qty conversion	Vendor in GR <input type="checkbox"/> No entry possible
<input type="checkbox"/> Int-comBillCond	<input type="checkbox"/> Copy shp. costs	Rel.Acc.Assig <input type="checkbox"/> Relevant for account ass

- iii) Create Surcharge % on Gross condition type
Copy from ZA01 and define SLYS and assign to access sequence YS.

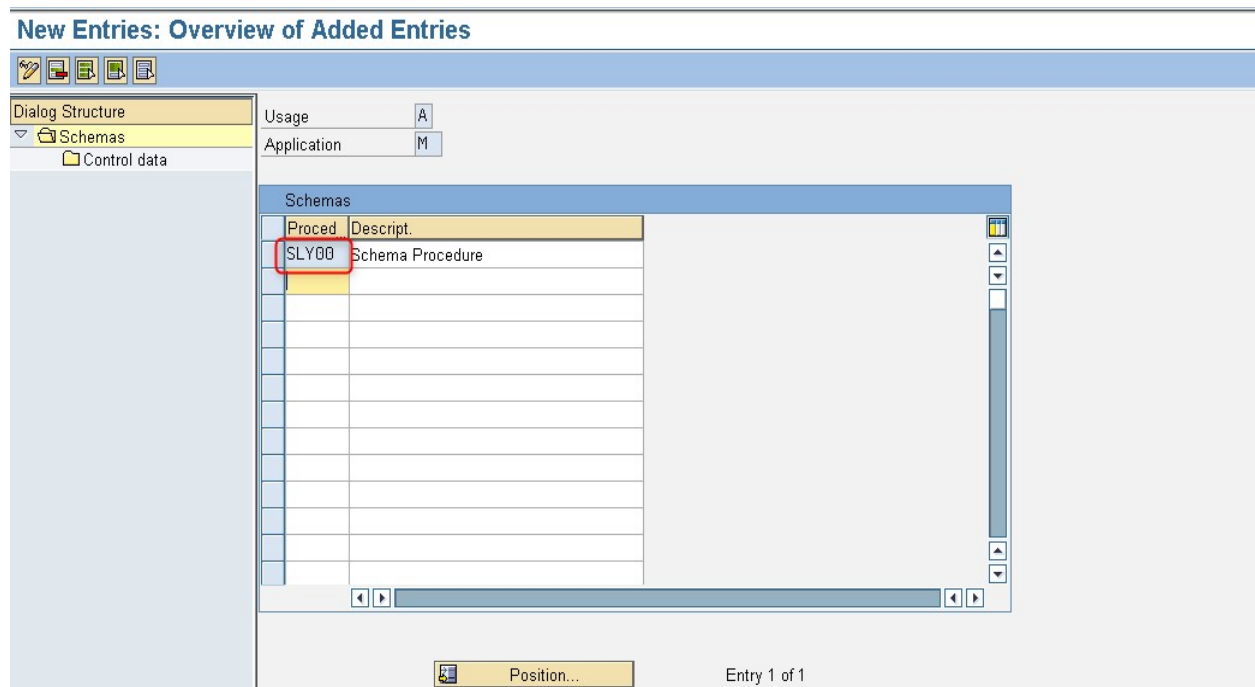
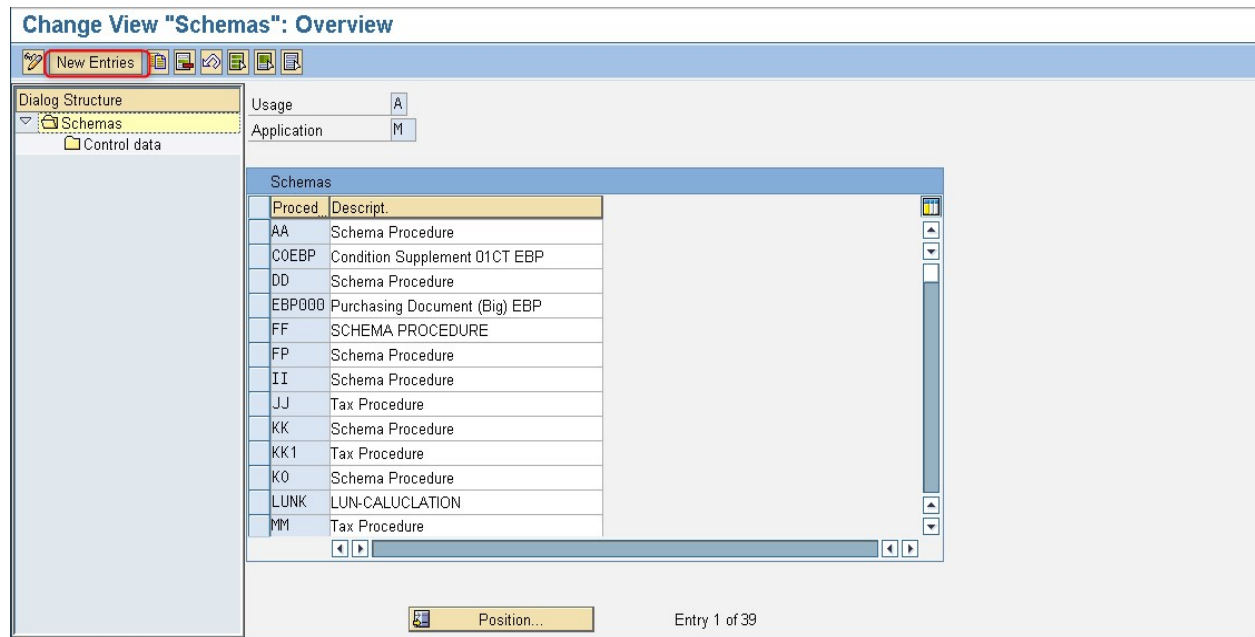
Change View "Conditions: Condition Types": Details of Selected Set

Condit. type		SLYS	Surcharge % on Gross	Access seq.	YS	Records for access
Control data 1						
Cond. class	A	Discount or surcharge		Plus/minus	<input type="checkbox"/>	positive a
Calculat.type	A	Percentage				
Cond.category	C	Insurance				
Rounding rule	<input type="checkbox"/>	Commercial				
StrucCond.	<input type="checkbox"/>					
Group condition						
<input type="checkbox"/> Group cond.			GrpCond.routine	<input type="checkbox"/>		
<input type="checkbox"/> RoundDiffComp						
Changes which can be made						
Manual entries	<input type="checkbox"/>	No limitations				
<input checked="" type="checkbox"/> Header condit.			<input checked="" type="checkbox"/> Amount/percent	<input type="checkbox"/> Qty relation		
<input checked="" type="checkbox"/> Item condition	<input checked="" type="checkbox"/> Delete	<input type="checkbox"/> Value		<input type="checkbox"/> Calculat.type		
Master data						
valid from	<input type="checkbox"/>	Today's date		PricingProc	<input type="checkbox"/>	
Valid to	<input type="checkbox"/>	31.12.9999		delete fr. DB	Do not delete (set the deletion flg)	

Step 4 : Define calculation Schema :

Here we maintain the sequence for the pricing calculation

We have created the new Calculation Schema SLY00 as shown in figure, we can create as per our own by clicking in New Entries Tab



New Entries: Overview of Added Entries

Dialog Structure

Usage A

Application M

Schemas

Control data

Select line and click on control data

Proced	Descript.
SLY00	Schema Procedure

Position...

Entry 1 of 1

New Entries: Overview of Added Entries

Dialog Structure

Procedure SLY00 Schema Procedure

Control data

Step	Cou	CTyp	Description	Fro	To	Man	Re	Stat	Pri	SuTot	Regt	CaType	BasTy	AccK	Accrual
10	0	Y001	Gross Price	10					X	9					
20	0	SLYF	Freight %	10					X	9					FR2
30	0	SLYS	Surcharge % on Gross	10					X	9					
40	0		Net Value	10	30				X	9					

Position...

Entry 1 of 46

X : printing at item level 9 : copy values from KOMP - BRTWR (gross value)

For Freight we need to define separate G/L account, so here given FR2, i.e freight provision

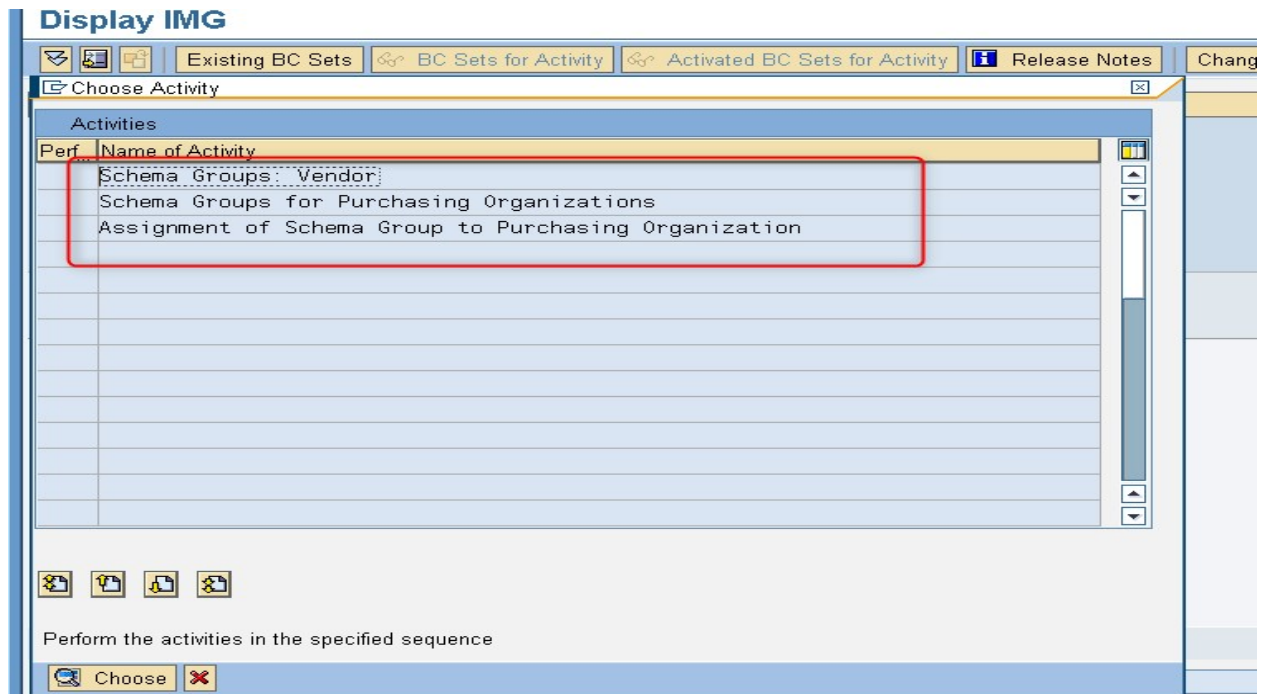
Step 5 : Define schema group :

In this step we will define the schema group for vendor & the purchase organization. Then we will assign to respective vendors and purchase organization.

This further divided into sub steps as shown in figure below:

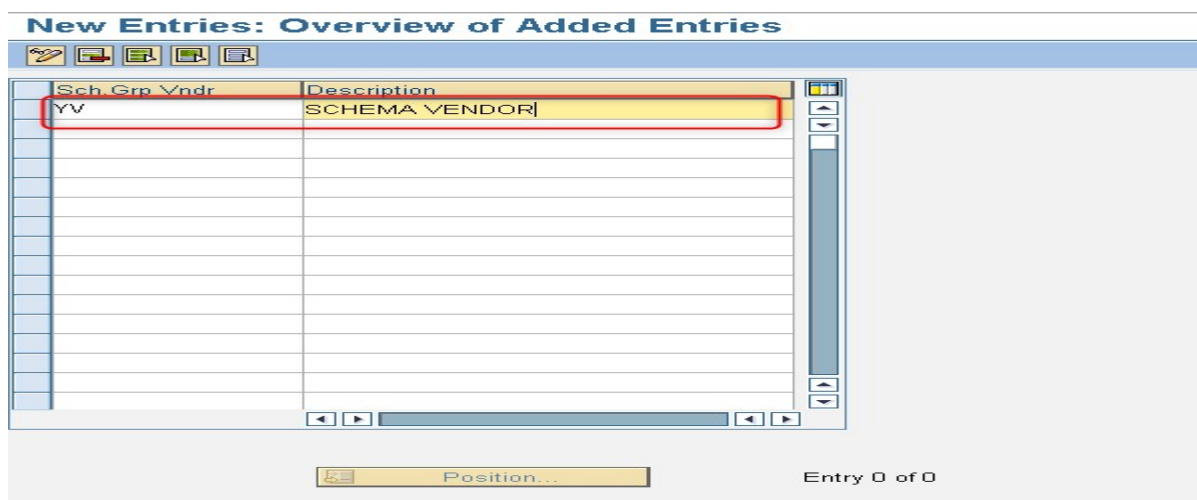
a. Schema Groups: Vendor

- b. Schema Groups for Purchasing Organizations
- c. Assignment of Schema Group to Purchasing Organization.



i) Schema group vendor

New Schema group vendor created as YV



ii) Schema Groups for Purchasing Organizations

Schema Groups for Purchasing Organizations as YP

Schema Groups for Purchasing Organizations as YP

[illegible]

iii) Assignment of Schema Group to Purchasing Organization

We will assign Purchasing Organization 1000 to Schema Group YP

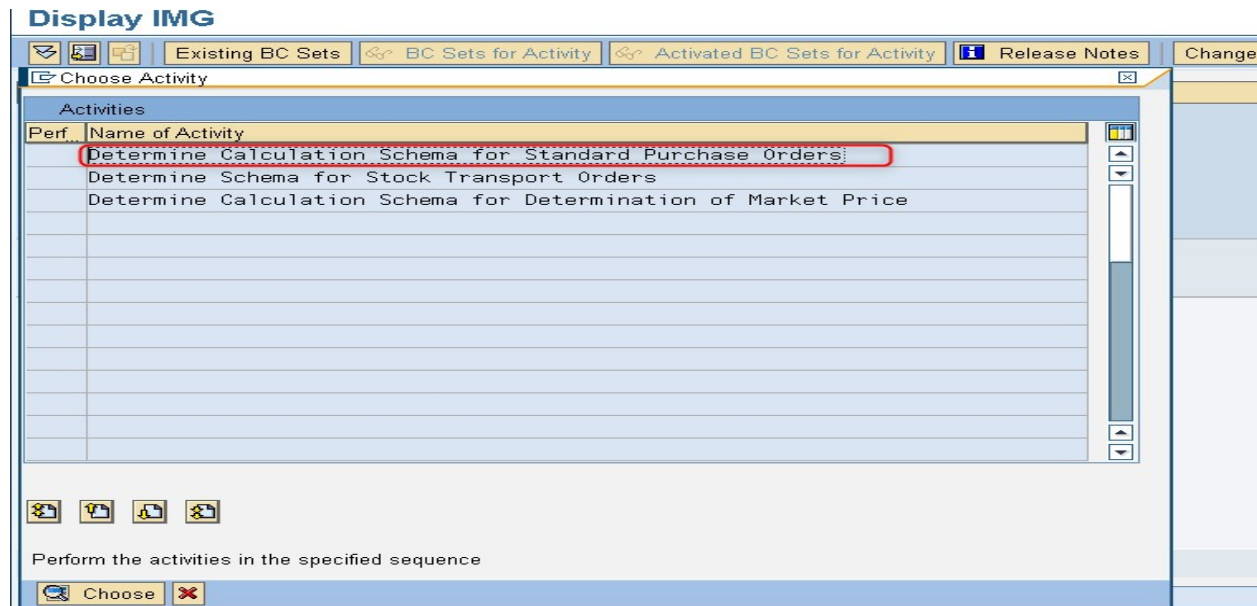
Change View "Assignment of Schema Group to Purchasing Orga

POrg	Desc. Pur. Org.	Sch. Grp Pur. Org.
1000	IDES Deutschland	YP
1500	Purch org	
2	EKORG 2	
2000	IDES UK	
2100	IDES Portugal	
2200	IDES France	
2300	IDES Spanien	
2400	IDES Italien	
2500	IDES Niederlande	
2700	IDES Schweiz	
2800	Purch org	
3000	IDES USA	
3001	IDES USA ED	
3010	Euro Subsidiary - Be	
3050	LIDES UK	
3111	OEM US	

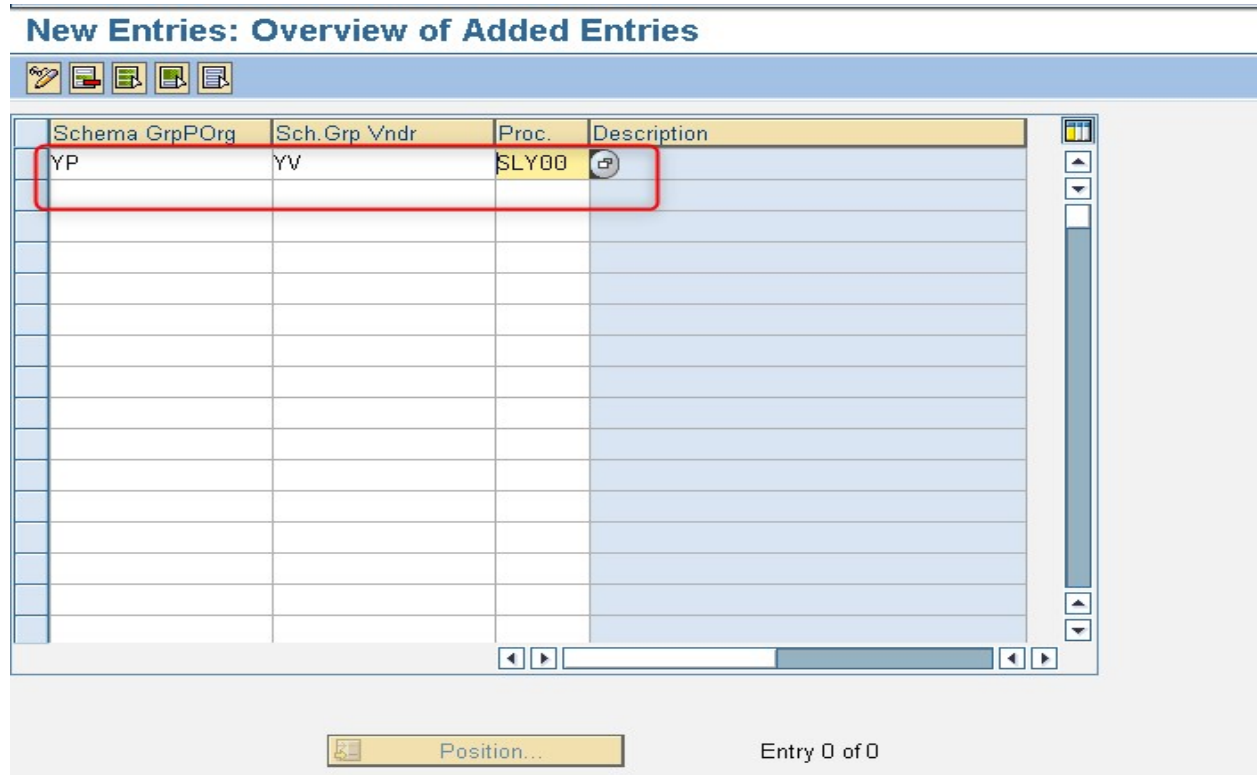
Entry 7 of 100

Step 6 : Define schema of Determination :

In this Step we will assign the Calculation schema and schema groups together for Purchase Order functioning



4




Step 7 : Assign schema of vendor to Normal vendor :

Now we will assign the schema group vendor in its master data of the vendors. This is to be assigned in the purchasing view of the Vendor master data.

In this Case we will take vendor as 100443 and assign schema group vendor YV in it.

Create Vendor: Purchasing data



Vendor **INTERNAL** SLY pvt ltd
Purchasing Org. **1000** IDES Deutschland

Conditions

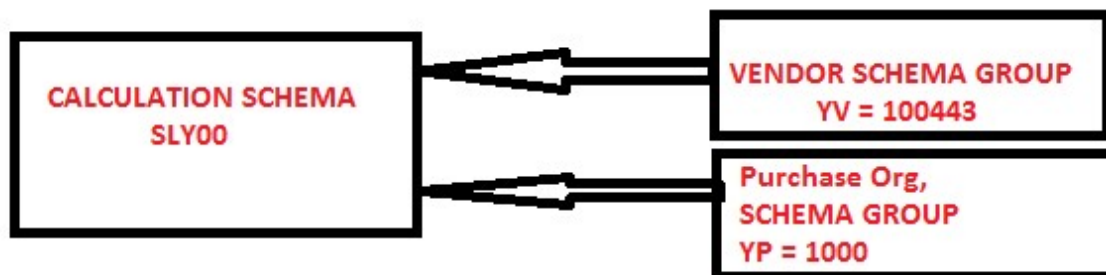
Order currency **INR**
Terms of paymnt
Incoterms
Minimum order value
Schema Group, Vendor **YV** **Standard procedure vendor**
Pricing Date Control No Control
Order optim.rest.

Sales data

Salesperson
Telephone

Control data

<input type="checkbox"/> GR-Based Inv. Verif.	ABC indicator <input type="checkbox"/>
<input type="checkbox"/> AutoEvalGRSetmt Del.	ModeOfTrnsprt-Border <input type="checkbox"/>
<input type="checkbox"/> Acknowledgment Reqd	Office of entry <input type="checkbox"/>
	Sort criterion <input type="checkbox"/> By VSR sequence number



Referring the above Configurations, updating the flow chart

Step 8 : Maintain condition record :

Tcode : MEK1


Path:

Logistics → Materials Management → Purchasing → Master Data → Conditions →
Other → Create

We created a new condition table 826; now let us put the condition values for condition type

i) Gross Price – Y001

Create Condition Records


 Condition Information

Key Combination

Condition type

Y001

Create Gross Price Condition (Y001) : Fast Entry



Company Code

1000

IDES AG

Material

2017

BOOK

Plant

1000

Werk Hamburg

Purch. Organization

1000

IDES Deutschland

CoCode/Material/Plant/Purch.Org./Vendor

Vendor	S	Description	P	Amount	Unit	per	Uo	C	S	Valid From	Valid to	D	S	T	E	Pay	FixVal	Date	A
100443		SLY pvt ltd		500,00	INR		1	EA	C	17.08.2020	31.12.9999				X				
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			
<input checked="" type="checkbox"/>																			

Select Rule

1 / 1

ii) Freight % - SLYF

Create Condition Records

Condition Information **Key Combination**

Condition type **SLYF** Freight %

Create Freight % Condition (SLYF) : Fast Entry

Company Code 1000 IDES AG
Material 2017 BOOK
Plant 1000 Werk Hamburg
Purch. Organization 1000 IDES Deutschland

CoCode/Material/Plant/Purch.Org./Vendor

Vendor	S	Description	P	Amount	Unit	per	Uo	C	S	Valid From	Valid to	D	S	S	T	E	Pay	FixValDate	A
100443		SLY pvt ltd		10,000	\$				A	17.08.2020	31.12.9999								
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input checked="" type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

Select Rule 1 / 1

iii) Surcharges % on gross – SLYS

Create Condition Records

Condition Information **Key Combination**

Condition type **SLYS** Surcharge % on Gross

Company Code: 1000 IDES AG
 Material: 2017 BOOK
 Plant: 1000 Werk Hamburg
 Purch. Organization: 1000 IDES Deutschland

CoCode/Material/Plant/Purch.Org./Vendor

Vendor	Description	P	Amount	Unit	per	Uo	C	S	Valid From	Valid to	D	S	T	E	Pay	FixValDate	A
100443	SLY pvt ltd		10,000	%			A		17.08.2020	31.12.9999	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>																	

Now we will create the PO using the Vendor & Purchase Organization combination & observe the Pricing Procedure as per our customization.

Document Overview On Print Preview Messages Personal Setting

NB Standard PO Vendor 100443 SLY pvt ltd Doc. date 17.08.2020

Delivery/Invoice Conditions Texts Address Communication Partners Additional Data Org. Data Status

Purch. Org. 1000 DES Deutschland
Purch. Group 000 Chef.H.
Company Code 1000 DES AG

S	Item	A	I	Material	Short Text	PO Quantity	OU	C	Deliv. Date	Net Price	Curre	Per	O	Matl Group	Plnt	Stor. Location	Bat
	10			2017	BOOK		1	EA	17.08.2020	550,00	INR	1	EA	0001	1000		
											INR						

Create Purchase Order

Document Overview On Messages Personal Setting

NB Standard PO Vendor 100443 SLY pvt ltd Doc. date 17.08.2020

Header

S	Item	A	I	Material	Short Text	PO Quantity	OU	C	Deliv. Date	Net Price	Curre	Per	O	Matl Group	Plnt
	10			2017	BOOK		1	EA	D 17.08.2020	550,00	INR	1	EA	0001	1000
											INR				
											INR				

Default Values Addl Planning

Item 1 [10] 2017 , BOOK

Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Texts Delivery Address Confirmations Condition Control

Qty 1 EA Net 550,00 INR

Pricing Elements

N	CnTy	Name	Amount	Crcy	per	Uo	Condition value	Curr	Status	NumC	OU	CConDe	Un	Condition value	CdCur
		Y001 Gross Price	500,00	INR		1 EA	500,00	INR			1 EA		1 EA		
		SLYF Freight %	10,000	%			50,00	INR						0,00	
		SLYS Surcharge % on Gross	10,000	%			50,00	INR						0,00	
		Net Value	600,00	INR		1 EA	600,00	INR			1 EA		1 EA	0,00	

ME21

The Pricing of the material can be seen in the item level Condition type then go to the analysis tab as shown in above figure

Standard PO created under the number 4500017387

Summary : To learn about the Pricing Procedure in Purchase order, we created the new Condition table & assigned the value in its field & observed from which price is triggered from Condition table. Also we saw Customization of the Pricing Procedure