

MM Pricing Procedure :

In MM module, pricing procedure is used during RFQ and PO creation. Total value of material based on all addition and subtraction like discount, surcharge, tax, freight, etc. In this we are defining pricing procedure and linking to vendor and purchase department through the virtual schema.

The Basic thing is Condition Technique. In which there are

1. Access Sequence
2. Condition Record
3. Condition Type
4. Condition Table

step1: Define Access Sequence

A) GO to SPRO-IMG-Material Management- Purchasing- Conditions-Define Price Determination Process .

AS	Description	Ty.	Description
WTC1	Trading Contract (WBC1)		Access sequence relevant for p
Z000	Gross Price		Access sequence relevant for p
Z002	Gross Price w. Reference POrg		Access sequence relevant for p
Z395	ACCESS FOR PRCHSNG PRIC		Access sequence relevant for p
Z411	ACCESS FOR PURC PRICE		Access sequence relevant for p
Z998	Inflation surcharge		Access sequence relevant for p
ZARV	Hamilton mercedes -0392		Access sequence relevant for p
ZAV1	Carz Access Sequence		Access sequence relevant for p
ZDMU	access sequence		Access sequence relevant for p

b) create access number and condition table(A combination of fields that defines the key of a condition record).

Access sequence access sequence

No.	Tab	Description
12	17	Material Info Record (Plant-Specific)

c)create field for a condition table.

Access access sequence
 Table Material Info Record (Plant-Specific)

Condition	I/O	Docmt Stru...	Doc.field	Long field label
LIFNR	←	KOMK	LIFNR	Vendor
MATNR	←	KOMP	MATNR	Material
EKORG	←	KOMK	EKORG	Purch. Organization
WERKS	←	KOMP	WERKS	Plant
ESOKZ	←	KOMP	ESOKZ	Info record category

step2:Define condition type

a)create a new condition type and mention its class and its type.

CType	Condition Type	Condition class	Calculation type
ZB00	Surcharge (Value)	Discount or surcharge	Fixed amount
ZC00	Surcharge/Quantity	Discount or surcharge	Quantity
ZDMR	Gross Price	Prices	Quantity

b)mention the master data and control data for condition types.

Condit. type	ZDMR	Gross Price	Access seq.	ZDMU	Metal Prices
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"/>	Amount/percent	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Item condition	<input type="checkbox"/>	Delete	<input type="checkbox"/>	Value
				<input type="checkbox"/>	Calculat.type
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)	
RefConType	<input type="checkbox"/>		<input type="checkbox"/>	Condition index	
RefApplicatio	<input type="checkbox"/>				

c)assign the access sequence to the condition type

CType	Condition Type	Access sequence	Ac.	Access
PB01			5	
PB01			40	
Z997			10	
ZDMR	Gross Price	ZDMU	10	
ZVIG	Gross Price	ZVIG	10	Metal Prices

step3:define calculation schema

a)create calculation schema or procedure(Specifies the conditions that are allowed for a document and defines the sequence in which they are used).

Dialog Structure

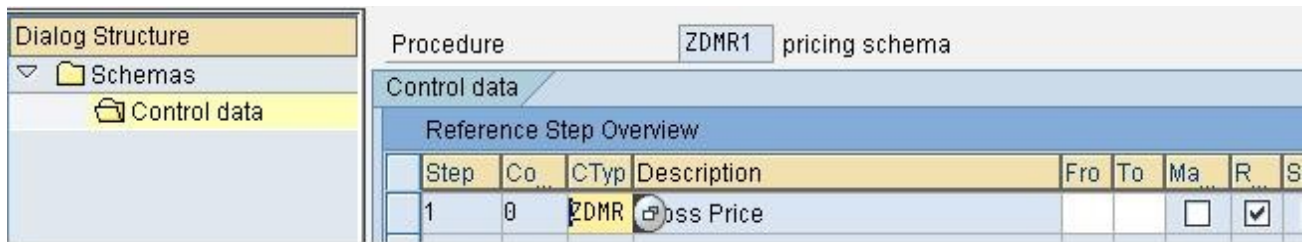
- Scemas
- Control data

Usage

Application

Schemas	
Proce	Descript.
RM6000	Agency business Add. costs
RM6001	Agency business (vendor)
RM6002	Agency business (customer)
RMIMP0	Import Processing
RMISR0	Purchasing Document (Big)
RMISR1	Purchasing Doc. ISR Internal
RMISRX	Purch. net/Net IS-Retail
RMMP00	Market Price
RMREGU	Payment document
Z395	PRCDRE FOR CLCLTN(Z395)
Z3951	PRCDRE FOR NET PRICE(Z395)
Z3952	Purchasing Document (Big)
ZAV002	Carz Purch Schema
ZDMR1	pricing schema

b)mention the control data(ex:gross price,discount,surcharge) for condition type.In our example gross price included.



step4: Define Schema group

a) define schema group purchasing organization.

Schema GrpPOrg	Description
	Standard schema
0001	Procedure purchasing org. 0001
R001	Retail purch. org.
Z395	SCHEMA GRP FOR Z395
Z411	Schema grp - KD Breweries
ZAV1	Carz Purch Org
ZDMR	pur.org

b) assign purchasing org to schema group purchasing organization

POrg	Desc. Pur. Org.	Sch. Grp Pur. Org.
0001	Einkaufsorg. 0001	ZDMR
0005	IDES Deutschland	
0006	IDES USA	
0007	IDES Deutschland	
0008	IDES USA	
0417	bangalore Purch Org	

c) define schema group for vendor.

Sch.Grp Vndr	Description
	Standard procedure vendor
01	Procedure vendor
EB	Enterprise Buyer
KD	shema group for KD & Co.
MS	PPRICING SCHEMA(Z395)
R1	Retail vendor

step5: Define Schema determination

a) Determine Calculation Schema for Standard Purchase Order

Schema GrpPOrg	Sch.Grp Vndr	Proc.	Description
		RM0000	Purchasing Document (Big)
	01	RM1000	Document
	EB	EBP000	Purchasing Document (Big) EBP
0001		RM1000	Document
0001	01	RM1000	Document
R001		RMISR0	Purchasing Document (Big)
R001	R1	RMISR1	Purchasing Doc. ISR Internal
Z395		Z3952	Purchasing Document (Big)
Z395	MS	Z3952	Purchasing Document (Big)
Z411	KD	ZKD411	Purchasing Document (Big)
ZAV1	01	ZAV002	Carz Purch Schema
ZDMR	⊕	ZDMR1	pricing schema

b) Determine Calculation Schema for Determination of Market Price

POrg	Desc. Pur. Org.	Market Price Schema	Description
0001	Einkaufsorg. 0001	ZDMR1	pricing schema
0005	IDES Deutschland		
0006	IDES USA		

step6: Go to transaction MEK1 .specify the amount for the material using the condition type - zdmr(as used above)

Vendor	99799	Customer 99799
Material	ZWMTEST	warehouse material
Purch. Organization	0001	Einkaufsorg. 0001
Plant	1000	Werk Hamburg
Valid On	27.01.2010	

Material Info Record (Plant-Specific)													
I	Description	Amount	Unit	per	U	C	S	Valid From	Valid to	D	S	S	T
0	Standard	100,00	EUR		1	EA	C	22.01.2010	31.12.9999				

step7: go to transaction me21 and create purchase order for specific vendor used in condition type. once we fill the material, quantity then net value of the material fetched automatically by condition type using calculation schema.

Create Purchase Order: Item - Conditions



Item Material warehouse material
Qty EA Net EUR

Pricing Elements										
	N	CnTy	Name	Amount	Crcy	per	U	Condition value	Curr.	Status
	■	ZDMR	Gross Price	100,00	EUR	1	EA	1.000,00	EUR	

I think this will help you. Actually the Pricing is a vast. Because each Condition have its own importance and each Access Sequence have its own importance. So you need not bother about this. First you learn how to define the Calculation Schema through the above.

Here we can create many Calculation Schema which can assign one schema to Local vendors another schema to out side vendor one more schema to foreign vendors like that we can classify.