Rajesh Sharma

SAP Certified Consultant

Activate Manager (SAP Activate-05 ERP Sourcing & Procurement6.0, SAP S/4 HANA Sourcing & Procurement, SAP EWM 9.5

SAP ERP MM 6.0

SAP ERP

Procurement Of Stock Material

Procurement of Stock Material



Topics

- Stock material and types of stock materials.
- Request for Quotation (RFQ)
- Quotation Processing
- Create Purchase Order with reference
- Purchase Info Record
- Conditions
- Valuation Class
- Valuation Area
- Effects of Goods Receipt
- Invoicing and Accounting Document
- Delivery Cost

Stock Material

Stock Material can be defined as: A material with a value based inventory management which can tracked in inventory. A material is purchased for a stock account and its quantity, value, and consumption always keep updated in its material master record.

Stock material always has a material master record which linked to a specific material type, for example; it can be Finished goods, semi-finished goods, trading goods, raw materials, packaging materials. Material types controls if inventory management for that particular material is occur on value bases. When creating a material master record, we need to enter information about it accounting data need to be specified, about the material valuation class. Valuation class determines in which G/L account FI the value to be posted. The valuation class controls the posting of the value of material into stock account in Goods Receipt processes while the SAP system updates the material value and quantity in the material master record.

Inventory management for a material uses the concept stock type. Stock type in SAP is used to differentiating between different types of stocks in inventory management.

SAP Standard type of stocks are as follows:

- Unrestricted Used Stock
- Quality Inspection Stock
- Blocked Stock

Procurement Cycle





Purchase Requisition

Purchase Requisition: It is an internal document communicate to purchase department by the user department create manually and that can be generate manually if MRP is using by the company. Create a Purchase Requisition **T-Code:** ME51N-Create, ME52N-Change, ME53N-Display

Release Strategy:

We need to configure the release strategy for Purchase Requisitions.

Release strategy is a procedure in which we define who is responsible for approval of purchase requisition.

For configuration T-Code: SPRO→ Material Management→ Purchasing→ Purchase Requisition→ Release Procedure→



Release Strategy



	🔄 Choose Activity		
Display IMG		In this business exa	mple
	Activities	Requisition officer a	nd
😻 된 🛅 Existing BC Sets 🖓 BC Sets for Activity 🖓	Pe Name of Activity	department heads is	responsible
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Materials Management	Release Codes	1. Strategy P1	
General Settings for Materials Management	Release indicator	• Pelease Group: RS	
Consumption-Based Planning	Release Strategies		
 Purchasing 	Workflow	• Release Code:	
Environment Data		RQ – Requisition Offic	cer
 Material Master 		HD– head Of Departn	nent
 Vendor Master 		 Release Indicator: 	
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• 🐻 🀶 Create Purchasing Groups			
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 Purchase Requisition 	Release Strategy R1 Release PR		
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• 166 V Processing Time	HD Department Head		
168 Release Procedure Without Classifi			
Procedure with Classification			
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68 Check Release Strategies			
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Release Status

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Release Prerequisites

Release Statuses

Classification

Release Simulation

Release Status

Change View "Release Strategies: Purchase Requisition": Details	Change View "Release Strategies: Classification
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HD Depar

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HD

Code Release Options

Purchase Requisition

Release Prerequisites

Release already effected

Release already effected

Set/reset release 🔀

Classification

Release Statuses

Simulate release 🗙

Release Simulation

Release Status

Change View "Release Strategies: Purchase Requisition": Details	Change View "Release Strategies: Classification
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HD Depar

RQ

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Code Release Options

Purchase Requisition

Release Prerequisites

Release already effected

Release already effected

Set/reset release 🔀

Classification

Release Statuses

Simulate release 🗙

Release Simulation

Create Purchase Requisition

In this Production Required Path Required Plant Stora Required Plant Stora Required Purcl Depa Purcl Purcl Purcl Purcl	s business example uction Department required a rial the generate Purchase isition to procure a stock rial. T-Code- ME51N or Menu ired Material 100000044 – ent Bag -2019 ige Location- 0001 est Track No PR-1 ery Date 10.09.2019 hase Requisition number 8016 send to Purchase rtment hase Org 2011 hasing Group R20	Image: Second system Document Or No variant Image: Second system Hierarchy
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	 Favorites SAP Menu Financial Services Network Connect Office Cross-Application Components Logistics Materials Management Purchasing Purchase Order Purchase Requisition Create Change Display Mass Maintenance Release 	tor

List Displays
 Follow-On Functions

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on		Purchase requisition number 0010048020 created Message No. 06402
nce		

Purchase requisition number 10048019 created

Release a Purchase Requisition

T-Code: ME55N –PR is released 1st level by Requisitioned and 2nd HD-Head of Department

Collective Release of Purchase Requisitions			
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Release Code	HD		
Release group	RS	to	
Release Prerequisite Fulfilled			
Requisns for Overall Release			
✓ Requisns for Item-Wise Release			
Purchase Requisition	10048019	to 1004802	0 🔁
Material		to	
Material Group		to	
Purchasing Group		to	
Scope of List	F		

Collective Release of Purchase Requisitions

🥞 🔯 🔀 Release Strat. 🛛 🗐 🚅

Material	Short Text PG	o Mat. Grp
Requisn Item	Requested Qty Un Deliv. Date Requester	Plnt SLoc
S C R Oty. I A	Req. Val. Cur Release Date Trackg No.	. SP1. MC
Release Strategy	Release Indicator Release Optic	on
✔ 100000044	Cement Bag RJ00 R20	22000000
10048019 00010	1.000 EA D 16.09.2019 Ram	2019 0001
N R 5 NB	10.000,00 EUR 16.09.2019 PR-2	
RS/R1 Release PR	R Purchase Requisition Release Effec	cted
✓ 100000044	Cement Bag RJ00 R20	22000000
10048020 00010	100 EA D 16.09.2019 Ram	2019
N R 5 NB	1.000,00 EUR 03.09.2019 PR-2	
RS/R1 Release PR	R Purchase Requisition Release Effec	cted

Release a Purchase Requisition

T-Code: ME55N –PR is released 1st level by Requisitioned and 2nd HD-Head of Department

Display Purchase Reg. 10048019	
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Display Purchase Peg. 1	0048030
	0040020
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Tem 1 [10] 100000044 . Cement Bag R100 🔹 🔺	
Material Data Quantities/Dates Valuation Source of Supply Status Contact Person Rele	
	🖌 📄 🗗 🔎 🖽 🖌 🔝 🔛 🎦 🚰 🛅 🖉 Default Values 📑
Release group RS PR Release Code Description Stat Stat Item A I Material Shore	Text Quantity Unit C Delivery Date Matl Group Plant
Release Strategy R1 Release PR RQ Requisitionar 10 100000044 Cem	ent Bag RJ00 100 EA D 16.09.2019 Building and Raj Oil Plan
Kelease indicator K Purchase Requisition	
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Release group RS PR Release	Code Description Stat
Release Strategy R1 Release PR	RQ Requisitionar
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Release a Purchase Requisition

T-Code: ME55N –PR is released 1st level by Requisitioned and 2nd HD-Head of Department



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10 100000042 Test Material2 2019 50 EA D 04.09.2019 Steels Raj Oil Plant 1 R20 Vishal 3 10 100000042 Test Material2 2019 50 EA D 04.09.2019 Steels Raj Oil Plant 1 R20 Vishal 3 10 100000042 Test Material2 2019 50 EA D 04.09.2019 Steels Raj Oil Plant 1 R20 Vishal 3 10 100000042 Test Material2 2019 50 EA D 04.09.2019 Steels Raj Oil Plant 1 R20 Vishal 3 1000000042 1000000042 1000000042 1000000000000000000000000000000000000	
Item 1 [10] 100000042 , Test Material2 2019 Material Data Quantities/Dates Valuation Source of Supply Status Contact Person Release strategy Texts Delivery Address	
Release group RS PR Release Code Description Stat Release Release Strategy R1 Release PR RQ Requisitionar Image: Code Image: Code Release Image: Code Release Image: Code	changed

Purchase Requisition

Display List of PR T-code: ME5A



List Display of Purchase Requisitions

🕄 📔 🏢 Assignments 🛛 📔 Services

Material		Short Text					PGp	Mat. Grp
Requisn	Item	Requested	Qty	Un	Deliv. Date	Request	er	Plnt SLoc
S C R OTy.	ΙA	Ordered Qt	У	Un	Release Date	Trackg	No.	SP1. MC
N R NB	K				28.08.2019	7		
		chair					R20	00107
10048012	00040		90	EA	D 28.08.2019	Rajesh		2019 0001
N R NB	K				28.08.2019	7		
100000041		EXHAUST					R20	00104
10048015	00010		15	ST	D 02.09.2019	PR1		2019 0001
N R NB					02.09.2019			
100000042		Test Materi	al2 20	19			R20	00101
10048015	00020		50	EA	D 02.09.2019	PR1		2019 0001
N R NB					02.09.2019			
100000012		Alluminium	(2019)				R20	00101
10048015	00030		100	KG	D 02.09.2019	PR1		2019 0001
N R NB					02.09.2019			
100000044		Cement Bag	RJOO				R20	22000000
10048016	00010		100	EA	D 10.09.2019	Ram		2019 0001
N R NB					10.09.2019	PR-1		
100000044		Cement Bag	RJOO				R20	22000000
10048017	00010		100	EA	D 20.09.2019	Ramesh		2019 0001
N R NB					20.09.2019	PR-1		
100000044		Cement Bag	RJOO				R20	22000000
10048018	00010		1.000	EA	D 16.09.2019			2019 0001
N R NB					16.09.2019			
100000044		Cement Bag	RJOO				R20	22000000
10048019	00010		1.000	EA	D 16.09.2019	Ram		2019 0001
NRRNB					16.09.2019	PR-2		
100000044		Cement Bag	RJOO				R20	22000000
10048020	00010		100	EA	D 16.09.2019	Ram		2019
NRRNB					03.09.2019	PR-2		

RFQ/ Request For Quotation ME41/47









When purchasing department get requisition from a user department, that particular material, goods or services is need to procure by purchasing department. Purchasing department need to find out the vendor who can supply us, the right product, right place, with right price and payment conditions, delivered at right time. This all processes is done by purchasing department they send Request of quotation some vendors with all details about materials, quantity, delivery date, place where to be delivered with dead line date closing of the quotation date.



Collective Number

Collective Number is a common number which link to common requirement.



Quotation Price Comparison

Collective Number is a common number which link to common requirement.

Vendor A Quotation for RFQ 1 Item 10 Gross price: 400		Vendor B Vendor Quotation for Quot RFQ 2 RFQ Item 10 Item. Gross price: 400/t Gross		lor C ation for 3 10 s price: 500/t	
Discount, 50		urcharge: 20%	Fixed	costs: 40 UN	
Compare quotat	ion with p	rice comparison li	ist		
Steel 2 t	3502	480/1	528/	450/2	
aleel 21			warer t		
Price					
Price	Quotation	1 Quotation 2 Qu	Jotation 3	Mean value	
Price	Quotation rd or reject	1 Quotation 2 Qu t quotation	Jotation 3	Mean value quotation	
Price Create info recor	Quotation rd or reject	1 Quotation 2 Qu t quotation	Jotation 3	Mean value quotation Market p	

Quotation Flow Chart



RFQ release Procedure

10

Class

Class type

Valid from

Sec Ac

Change Number

Edit Characteristics

- 1. RFQ_DOCTYPE
- 2. RFQ_TOTALVALUE
- 3. **RFQ PURGROUP**
- 4. RFQ PURORG
- 5. RFQ_PLANT

Edit Class

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Display IMG

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Environment Data

🗟 🐼 Create Purchasing Groups

Quota Arrangement

RFQ/Quotation
 B (Define Number Ranges
 B (Define Document Types

• 🗟 🌚 Edit Classes

Purchasing Info Record

B Edit Characteristics

Restrictions for the Industry Solution for Def

Release Procedure for RFQs

Release Procedure for RFQs

🗟 ি Check Release Strategies

Material Master

Vendor Master

Sustainability

Source List

Purchasing

Basic data Keywords

🕆 🛃 Change Language

Display Class:

RFQ CLASS

04.09.2019

032

Char. Texts

Validity

Release strategy

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Char.	Description	Dat	N	D	Unit	R	Org
RFQ_DOCTYPE	Purchase Requisition Doc	CHAR	4	0			
RFQ_TOTALVALUE	RFQ Total Value	CHAR	13	0			
RFQ_PURGROUP	RFQ Purchasing Group	CHAR	3	0			
RFQ_PURCHASEORG	RFQ Purchasing Organiza	CHAR	4	0			
RFQ_PLANT	RFQ Purchasing Plant	CHAR	4	0			

Structure

RFQ release Procedure

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New Entries 🕞 🚍 🧑 🐺 💀

Define Release Procedure for RFQ Release Group-RM Release Codes Q1, Q2,



Change View "Release Groups: External Purchasing Do

New End	185						
Rel.Grp	Rel	.Obj.	Class		Descriptio	n	
М	2		RFQ_	CLASS	RFQ Relea	se Group	-
							-
		Cha	nge	View "Relea	se Stra	tegies:	
		69 G	Nev Nev	v Entries 🗋 📑	s [88	
		Grp	Strat	Description			
		RM	Q1	RFQ Release	*		
		RM	Q2	RFQ Release	-		

New Entries: Details of Added Entries

Release Group Release Strategy	RM RFQ Release Group		C F	Release Indicator: Purchasing Docum Restrictions
Release Codes PO Purchase Officer PM Purchase Manager FH Factory Head	PO PM FH	Release indicator B not release D not release R Release change with val	Ref A B G R	Description Release change with value not release Released Released No Change

Change View "Release Indicator: Purchasing Document": Overview

🦻 New Entries 🗈 🖥 🖏 🚯 🚯

Release ID	Released	Chgable	% Value Change	Description	
Α	✓	4	10,0	Release change with value	٠
В		4	10,0	not release	•
G	✓		40,0	Released	
R	✓	2		Released No Change	-

Create RFQ

After receiving Purchase **Requisition Purchasing** department create Request for Quotation to find best price and payment condition T-code: ME41- Create, ME42-Change, ME43- Display Enter the Item, Plant, Quantity select the line item go to address enter the vendor number, press enter system pick the address from vendor master record, click on message, output message, Print out. Language EN check the print preview click on save, same create RFQ for other vendors.

	RFQ
Forks Manufacturing GmbH 98999 Hamburg	RFQ number/date 6000000061 / 03.09.2019 Contact person/Telephone Purch. Gr2019/8755677094
Your vendor number with us 800707	
Please deliver to: Company Raj Oil Co. 2019 12 55 12345 Frankfurt	Quotation deadl.: 16.09.2019 Delivery date: Day 20.09.2019
Request for Quotation We required best price for material	1
Item Material Description RFQ_quantity Unit Quo	tdeadline Delivery_date
00010 100000044 Cement Bac 100 Each	g RJ00

List Display

T-Code: ME4M-As per material, ME4L-As per vendor, ME4S – As per collective number Menu Path To Display List

SAP Easy Access

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• 📄 Favorites

🔻 📂 SAP Menu

- Financial Services Network Connector
- 🕨 🚞 Office
- Cross-Application Components
- Logistics
 - 💌 📂 Materials Management
 - 🔻 🛅 Purchasing
 - Purchase Order
 - Purchase Requisition
 - 🕨 📄 Outline Agreement
 - RFQ/Quotation
 - Request for Quotation
 - 🔗 Create
 - 🖓 Change
 - 🖓 Display
 - Maintain Supplement
 - 🗇 Release
 - 🔻 🛅 List Displays
 - 🖓 By Vendor
 - 🖓 By Material
 - 🖓 By Service
 - 🖓 By Collective Number
 - 🖓 By Material Group
 - 🖗 By Tracking Number
 - 🖉 By RFQ Number
 - Transactions per Tracking Number

RFQs per Collective Number

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Collective number		to	
Purchasing organization		to	
Scope of List	ANFR		
Selection Parameters		to	
Document Type		to	
Purchasing Group		to	
Plant		to	<u>–</u>
Item Category		to	
Delivery Date		to	
Deadline Subm. of Quotations		to	
Document Number		to	
Vendor		to	

RFQ	Type	Vendor	Name				PGp H	RFQ Date
Item	Materia	1	Short Text				1	Mat. Group
DIS	Plnt Qu	ot. Date	RFQ Quantity	Un	Quot.Net	Price	Curr	. per Un
6000000	061 AN	800707	XYZ Ltd				B20 (03.09.2019
Collect:	ive RFQ	RS-1	112 200				1120	
00010	1000000	44	Cement Bag RJ00				1	22000000
	2019 16	.09.2019	100	EA		0,00		1
6000000	062 AN	100662	Avon Industry				R20 (03.09.2019
Collect:	ive RFQ	RS-1						
00010	1000000	44	Cement Bag RJ00				2	22000000
	2019 16	.09.2019	100	EA		0,00		1
6000000	063 AN	100626	XL Industries Lt	d			R20 (03.09.2019
Collect:	ive RFQ	RS-1						

Release RFQ

Release (Approve) Purchasing Documents

T-Code: ME42 Menu Path Put Release Code PO Release Group RM Release Code PM, FH, one by one release

SAP Easy Access

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E Favorites
📂 SAP Menu
Financial Services Network Connector
🕨 🧰 Office
 Cross-Application Components
 Engistics
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🔻 🛅 Purchasing
🕨 🧀 Purchase Order
🕨 🚞 Purchase Requisition
🕨 🧰 Outline Agreement
 RFQ/Quotation
Request for Quotation
 Create
• 🔗 Change
 Display
• 🛇 Maintain Supplement
A Palazza
 List Displays
• 💬 By Vendor
 By Material
• 💬 By Service
• 🔗 By Collective Number
 Ø By Material Group
• 💬 By Tracking Number
• 💬 By RFQ Number
• 🖓 Transactions per Tracking Number

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Release Code	PO		
Release Group		to	
🛿 Set Release			
Cancel Release			
🛛 Release Prerequisite Fulfilled			
List with Items			
Scope of List	ANFR		
Purchasing Document Category	A	to	_
Purchasing Organization		to	2
Oocument Number		to	2
Oocument Type		to	_
Purchasing Group		to	2
/endor		to	(
Supplying Plant		to	
Oocument Date		to	

RFQ Output Message 🖻 Change RFQ :: Output To release RFQ T-code: 🔽 🔍 🔚 I 🗶 🚱 I 🗁 🕅 👘 I 🏝 🔁 💭 🏹 🛃 I 🐷 I 😰 🖳 Ø Menu Path SAP Easy Access Change RFQ :: Output 📭 🔄 🦢 📩 🎋 🖉 🛛 🖛 🔺 iii Processing log 🗟 📅 🚺 🥰 Communication method Further data Repeat output Change ou RFQ..... 600000061 Output Financial Services Network Connector La... C... [St... Outp... Description Fu... Partner Medium OCO NEU New 1 Print output ▼§§ 1 EN ە ر Cross-Application Components • Materials Management Change RFQ :: Output Purchasing Purchase Order 🔁 📅 🚺 🥰 Communication method iii Processina loa Further data Repeat output Change or Purchase Requisition Outline Agreement RFQ..... 600000062 RFQ/Quotation Output Request for Quotation St... Outp... Description Medium Fu... Partner La... C... [• 🖓 Create 🗌 (📤 • 🖓 Change COD NEU New 1 Print output ▼§§ 1 EN • 🖓 Display - Maintain Supplement Change RFQ :: Output Release 🔁 📅 🚺 🥰 Communication method iii Processina loa Further data Repeat output Change output List Displays Reporting RFQ..... 600000063 Messages Print/Transmit Output O Urging/Reminders St... Outp... Description Fu... Partner La... C... [Medium - Archivo COM NEU New 1 Print output 🕶 §§ 1 EN (* • -

Favorites

SAP Menu

Office

Logistics

T-code: ME47 to maintain the Quotation

Menu Path \rightarrow Select line item \rightarrow Click on Item condition enter the price and condition for quotation received from vendor conditions, click on save . Enter price and conditions in all quotations and save.



Price Comparison

T-code: ME49 to make price comparison for all vendor's quotation. Enter Purchase Organization 2011, Collective RFQ RS-1 and click on execute.

Image: Sape Menu Image: Sape Menu	SAP Easy Access	Price Comparison List	
 Favorites Favorites Favorites SAP Menu Financial Services Network Connector Office Office Cross-Application Components Collective RFQ Reference Quotation Outline Agreement Purchase Requisition Outline Agreement RefQ/Quotation Request for Quotation Price Calculations per Page Price Calculations 	🖪 🔄 🏷 📩 🎋 🖉 🔻 🔺		
 Maintain Display Price Comparison Include Discounts Determine Effective Price 	 Favorites SAP Menu Financial Services Network Connector Office Cross-Application Components Logistics Materials Management Purchasing Purchase Order Purchase Requisition Outline Agreement RFQ/Quotation Request for Quotation Quotation Sequest for Quotation Singlay Price Comparison 	Purchasing Organization 2011 Quotation to Collective RFQ RS-1 Vendor to Material to Comparison Values Reference Quotation Image: Comparison Value Quotation Image: Comparison Value Quotation Image: Percentage Basis Image: Comparison Page Max. No. Quotations per Page 12 Price Calculations Include Discounts Image: Include Delivery Costs Image: Determine Effective Price	

Price Comparison

Green Indicator represent the low price quotation . System give RANK1, RANK2, RANK3 in the increasing order of the price. For RANK1 Vendor will create the Purchase Order send it to vendor, and for RANK2, RANK 3 we will create Rejection note for the quotation and send it to the vendors.

Price Comparison List in Currency EUR

I Vendor Additional Info										
Material	Quot.:	600000062	600000061	600000063						
Sh. Text	Bidder:	100662	800707	100626	MEAN	MINIMUM				
Qty. in Base Unit	Coll. No. :	RS-1	RS-1	RS-1						
100000044		0.00.01	1.004.46	1.004.40		0.00.01				
10000044	Val.:	963,01	1.004,46	1.024,49	997,32	963,01				
Cement Bag RJ00	Price:	9,63	10,04	10,24	9,97	9,63				
100 EA	Rank:	1 97 %	2 101 %	3 103 %						
Total Quot.	Val.:	963,01	1.004,46	1.024,49	997,32	963,01				
	Rank:	1 97 %	2 101 %	3 103 %						

Rejection of Quotation

Rejection Note: It is document which need to send the vendor inform about the rejection of quotation note which is disqualify due to price.

T-code: ME47 to create Rejection Note for disqualify quotation No. 600000061 & 60000063 . Enter RFQ No 600000063 press enter, tick on rejection column, select line item go to message. Repeat the same for 600000061

P	A Maintain Quotation : Item Overview													
B B	r 🖪 🗋 🗃 😂 📰 4	1 🗕 🛛 9 👪 🖻 🛼	· · · · · · · · · · · · · · · · · · ·											
RFQ	600000063	RFQ Type AN	RFQ Date		03.09.2019									
Vendor	100626	XL Industries Ltd	QuotDdln	1	16.09.2019									
Quotatio	n Items													
Item	Material	Short Text	RFQ Quantity	0	C Deliv. Date	Net Price		Per O	Mat. Grp	Pint	SLoc	D	R	т
10	10000044	Cement Bag RJ00	100	EA I	20.09.2019		10,04	1 EA	22000000	2019			✓	
P	Maintain Quot	ation : Item Over	view		1				1				1	
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RFQ	600000063	RFQ Type AN	RFQ Dat	e	03.09.2019	1								
Vendor	100626	XL Industries Ltd	QuotDd	In	16.09.2019	į –								
Quotati	on Items													
Item	n Material	Short Text	RFQ Quantity	0	C Deliv. Date	Net Price		Per O	Mat. Grp	PInt	: SLo	c D	R	т
10	10000044	Cement Bag RJ00	100	EA	D 20.09.201	9	10,04	1 1 EA	22000000	201	9		✓	
												/		

Output Message

Menu Path



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SAD Essy Access	
DAP Lasy Access	Purch. Doc. Data
s 🖙 🏷 🏍 🏂 🖉 🔻 🔺	Document Number 6000000061 to Vendor to Purchasing Organization 2011
Favorites SAP Menu Connector	Purchasing Group R20 to Document Type to Document Date to
Office Cross-Application Components	
 Logistics Materials Management 	Message Data Application Message Type
 Purchasing Purchase Order 	Transmission Time-Spot Processing Status 0 Creation Date
 Purchase Requisition Outline Agreement 	Time Created 00:00:00
 RFQ/Quotation Request for Quotation 	Message Output
 ♥ Create ♥ Change ♥ Display 	📕 🗲 🕨 🚊 🚍 🗊 🕼 🚏 📴 🔝 Output Message Display Message Message Details Trial Printout
• 💬 Maintain Supplement	Purch.Doc. Vendor Name 1 PGr Doc. Date
• 🖓 Release	Msg. Lng Partner Role Created on Time Time N User name Output Device
 List Displays Reporting 	600000061 800707 XYZ Ltd R20 03.09.2019
 Messages 	ABSA DE 800707 LF 04.09.2019 04:19:57 1 RAJESH LP01
Print/Transmit	6000000063 100626 XL Industries Ltd R20 03.09.2019
	MD5A DE 100626 EF 04.09.2019 04:15:43 I X RAJESH EF01

Output Message

Click on detail message

Message Output	Company	RF Q
Message Output	XYZ Ltd	RFQ number/date
📕 4 🔺 N 着 🚍 🗷 🕼 🐨 🕞 Quitaut Massaga – Disabu Massaga – Massaga Dataila – Trial Driaty	PO Box 167	600000061 / 03.09.2019
	12345 Humburg	Contact person/Telephone
	5	Purch, Gr2019/8755677094
Purch.Doc. Vendor Name I PGr Doc. Date		
Msg. Lng Partner Role Created on Time Time N User name Output Device		
600000061 800707 XYZ Ltd R20 03.09.2019		
ABSA DE 800707 LF 04.09.2019 04:19:57 1 RAJESH LP01		
600000063 100626 XL Industries Ltd R20 03.09.2019		
ABSA DE 100626 LF 04.09.2019 04:15:43 1 X RAJESH LP01		
	Your vendor number with us	
	800707	

Please deliver to: Company Raj Oil Co. 2019 12 55 12345 Frankfurt Quotation deadl.: 16.09.2019 Delivery date: Day 20.09.2019

Rejection letter relating to

Currency EUR

Item	Material RFQ_quantity	Unit	Description Quotdeadline	e Delivery_date	
000:	10 100000044 100	Each	Cement Bag RJ00		
Display RFQ Output Message

T-Code: ME47

Maintain Quotation :: Output

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	6 🖻	• 🖪 🧕	Communication	n method	iii	Processing) log	Furthe	er data I	Repeat o	output	Change	output
Qu	otatio	on	. 6000000061										
(Outpu	ıt											
	St	Outp	Description	Medium			Fu	Partner			La	C [
	00	ABSA	Quotation Re	1 Print	outp	ut 🔹	VN	800707			DE	🗆 (📤	
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	Ma	intair	n Quotati	ion :: (Out	put							
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	Out	put											
	St.	Outp	Descriptio	n Med	lium			Fu	Partner			La	C [
	\propto	🗖 ABSA	Quotation	Re1 P:	rint	output		- VN	100626			DE	🗆 (🌥
	\propto	🔎 NEU	New	1 P:	rint	output		s s	1			EN	
							-	-					



Purchase Order

After over price comparison process we will create a Purchase Order for qualified vendor quotation. Purchase order is a legal document that is created by Purchasing department will create the purchase order with reference to quotation number 600000061, and will send it to vendor with required material, quantity and address for delivery, and delivery date.

To Create Purchase Order T-Code: ME21N-Create, ME22N-Change, ME23-Display

We will configure the settings for release procedure for releasing the purchase order for vendors.

The Menu Path

T-Code: SPRO→ IMG Screen→ Material Management→ Purchasing→ Purchasing Order→ Set release procedure for purchase order

Display IMG
river and the set of t
Structure
 SAP EHS Management Sales and Distribution Materials Management
 General Settings for Materials Management Gonsumption-Based Planning Purchasing
 Environment Data Material Master Vendor Master
 Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces & Restrictions for the Industry Solution for Defense Forces &
Sustainability
 I6a Source List Isa Quota Arrangement
RFQ/Quotation Sorial Numbers
Shopping Cart
 ▶ B Purchase Requisition ▼ B Purchase Order
 B Define Number Ranges B Define Document Types B Set Tolerance Limits for Price Variance
Release Procedure for Purchase Orders Release Procedure for Purchase Orders Release Procedure for Purchase Orders
 B Define Release Procedure for Purchase Orders C Define Release Procedure for Purchase Orders
. 169 W Check Release Strategies

Create PO Release Strategy

6ĝ,

RC

RC

RC

RC

RC

RC PO

AM

AO

FH

MD

PM

\rightarrow Edit Characteristics

- 1. PO_DOCTYPE
- 2. PO_TOTALVALUE
- 3. PO_PURGROUP
- 4. PO_PURCHASEORG
- 5. PO_PLANT

→ Edit Class Class PO_CLASS Class Type – 032 Release Strategy

\rightarrow Define Release Procedure for Purchase Orders

- → Release Group
- **RC PO Release Group**
- \rightarrow Release Code
- AM Account Manager
- AO Account Officer
- FH Factory Head
- PM Purchase Manager
- PO Purchase Officer
- MD- Managing Director

Display Cl	ass:							
🕆 🛃 Change Langua	ge							
Class	PO_CLASS		K	s		T		
Class type	032 Release strategy							
Change Number					Unit R Org. Area: 2 EUR			
Valid from	04.09.2019 Valio	dity						
Basic data Keywo	ords Char. Texts							
Char.	Description	Dat	N	D	Unit	R	Org.	Areas
PO_DOCUMENTTYPE	Order Type (Purchasing)	CHAR	4	0				
PO_TOTALVALUE	Total net order value	CURR	15	2	EUR			
PO_PURCHASEGROUP	Purchasing Group	CHAR	3	0				
PO_PURCHASEORG	Purchasing Organization	CHAR	4	0				
PO_PLANT	Plant	CHAR	4	0				

Grp Code Description

Change View "Release Codes

Account Manager

Account Officer

Manging Director

Purchase Officer

Purchase Manager

Factory Head

New Entries 🗈 🖻 🛋 🗊 🖪 🖪

Create PO Release Strategy

- → Release Indicator
- A Release Change with value
- **B** Not Released
- **G** Released
- **R-Released No change**
- → Define Release Procedure for Purchase Orders

Change View "Release Indicator: Purchasing Document": Overvie

🦻 New Entries 🗈 🖶 🖙 🖡 🖡

_					
	Release ID	Released	Chgable	% Value Change	Description
	A	\checkmark	4	10,0	Release change with value
	В		4	10,0	not release
	G	<		40,0	Released
	R	<	2		Released No Change

Display IMG

🔻 🛐 📫 📔 Existing BC Sets 🔗 BC Sets for Activity 🛛 🚱 Activated BC Sets for Activity 🚺 Release

Structure		🖻 Cl	noose Activity
SAP EHS	Management	Act	tivities
• 👸 Sales and	Distribution	-	
 Materials 	Management	Pe	Name of Activity
🕨 🔂 🛛 Gene	ral Settings for Materials Management	~	Release Groups
🕨 🔂 Consi	Imption-Based Planning	~	Release Codes
🔹 🗟 🔤 Purch	asing	 Image: A second s	Release indicator
• 👩 Ei	nvironment Data	1	Release Strategies
• 👩 M	aterial Master	·	Mankfley
• 🗟 V	endor Master		WOLKITOM
• 🗟 R	estrictions for the Industry Solution for Defense Force		
• 🗟 🅪 G	eate Purchasing Groups		
🕨 🗟 🛛 Pi	urchasing Info Record		
 St 	ustainability		
• 🗟 Se	ource List		
• 🗟 Q	uota Arrangement		
🕨 🗟 🛛 RI	Q/Quotation		
 See 	erial Numbers		
 SI 	nopping Cart		
🕨 🗟 🛛 Pi	urchase Requisition		
🔻 🗟 🛛 Pi	urchase Order		
• 🗟 😡	Define Number Ranges		
• 🗟 😡	Define Document Types		th D
• 🗟 😡	Set Tolerance Limits for Price Variance	کار	
▼ 6∂	Release Procedure for Purchase Orders		
• 🗟	local Edit Characteristic	Perfo	rm the activities in the sp
• 🗟	log Edit Class		
• 🗟	Define Release Procedure for Purchase Orders		
. 🖻		-	

Create PO Release Strategy P1

		🖻 Change View "Release Strate	gies: External Purchasing Documents	": Detai	Change View "Release Strategies: Classification
、				<u></u>	b b
\rightarrow	Release Group	Change View "Release Strateg	ies: External Purchasing Documents".	: Detai	Object
	RC	Release Group RC PO Release Group		🖻 Prerequisites 🛛 🗙	Release group RC Rel. Strategy P1 PO Release Strategy
\rightarrow	Release Strategy	Release Strategy P1 PO Release Strateg	у	Code\release prerequisite PO PM AO AM FH	Class Type 032 Release strategy
\rightarrow	P1-PO Release	Release Codes		PO	
	Strategy	EM Purchase Manager			Values for Class PO_CLASS - Object RC P1
Par	a = 0.00 to 10.000	AM Account Manager		FH V V V	
	ige 0,00 to 10,000				Characteristic Description Value
Rei	ease Code				Total net order value 0,00 - 10000,00 EUR
1.	Purchase Officer		Charlenking Dalans Charleking		Purchasing Group R20 22 Purchasing Organization Purchase Org 2019
2.	Purchase Manage	Release Prerequisites Release Sta	classification Release Simulation		Plant Plant 2019
3.	Account officer			Continue Cancel	
4.	Account Manager				
5	Factory head	Change View "Rele	ease Strategies: Externa	l Purchasina Docu	
0.	· actory neura	Ę	2	-	SELATION BE MOMA AN Inconsistent
		Release Group RC F	O Release Group		
		Release Strategy P1 F	PO Release Strategy		
			🔄 Release Strategy		Ler Release Simulation for Group RC Strategy P1
		Release Codes	Release group RC PO	Release Group	Code Release Options
		PO Purchase Officer	Release Strategy P1 PO	Release Strategy	PO Release already effected
		PM Purchase Manager			PM Release already effected
		AO Account Officer	Release codes		AU Release already effected
		FH Factory Head	Releases to Date		FH Release already effected
			Final release		
					Released No Change
			Release ID B not r	release	
					Set/reset release
		Release Prerequisites		Simulate releas	

Create PO Release Strategy P2

 \rightarrow Release Strategy

→ P2-PO Release
 Strategy
 >10000,01
 Release Codes

- 1. Purchase Officer
- 2. Purchase Manager
- 3. Account Officer
- 4. Account Manager
- 5. Factory Head
- 6. Managing Director

Change View "Release Strategies: External Purchasing Do	ocuments": Det			
	Chan	ge View "Rele	ase Strategies:	Classification
Bull Release Group RC PO Release Group EP Prerequistes Release Group P2 PO Release Group Codelyrelease prerequi Release Codes P0 PU chase Manager PX Purchase Officer PM ♥ PX Purchase Manager A0 Account Officer PX Account Officer PM ♥ PX Account Officer PM ♥ PX Account Veland PM ♥	ste M TR MD Class Ty Class Ty Values for	group RC Re pe 032	el. Strategy P2 Rele Object RC P2	PO Release Strategy ase strategy
Release Prerequisites Release Statuses Classi	ontinue (Cance)	acteristic Description rr Type (Purchasing) I net order value hasing Group hasing Organization :	Value NO > 10000,01 EUR R20 Purchase Org 2019 Plant 2019	

Change View "Release Strategies: External Purchasing Documents": Detai

Release Group	RC PO Release Group				
Release Strategy	P2 PO Release Strategy		🔄 🗁 Rel	lease Simulation for Group RC Strategy P2	
Release Codes PO Purchase Officer PM Purchase Manager AO Account Officer AM Account Manager FH Factory Head MD Manging Director	Release group Release Strategy Release Strategy Release codes Releases to Date Final release	RC PO Release Group P2 PO Release Strategy	Code PO PM AO AM FH MD	Release Options Release already effected Release already effected Release already effected Release already effected Release already effected Release already effected	
	Release ID	R Released No Change			
		Simulate release	•	Set/reset release	e 🕽

Create the Purchase order with reference to qualified vendor's quotation number 600000061

T-code: ME21N \rightarrow Document Overview \rightarrow My Purchase Requisition Adopt PR No 600000061 If you want You can change layout and you can break down Quotation vendor, item, plant etc.



Create PO reference to Quotation **T-Code:** ME21N-Create, ME22N-Change-ME23N-Display **Menu Path:**

SAP Easy Access \rightarrow SAP Menu \rightarrow Logistics \rightarrow Material Management \rightarrow Purchasing \rightarrow Purchasing Order \rightarrow Create \rightarrow On Document Overview – Select Request for quotation document no 600000062 \rightarrow click on adopt system copy the data from purchasing document enter plant and storage location and click on check no error click on save



Print Preview & Output Message

Click on Print Preview click on message tab

4	Disp	lay Pu	ır. Order :	: Output						
9	Con	nmunicati	ion method	iii Processing log	Furth	ier dat	ta			
PL	ır. Ord Outpu	er t	. 4500022517							
	St	Outp	Description	Medium		Fu	Partner	La.	 c	F
	040	NEU	New PO print.	1 Print output	•	VN	100662	EN		*
										-

Company Avon Industry PO Box 555 12345 Hamburg

Your vendor number with us 100662

Purchase order

PO number/date 4500022517 / 04.09.2019 Contact person/Telephone Purch. Gr2019/8755677094

Our VAT registr. no. DE123456789

Please deliver to: Delivery date: Day 16.09.2019 Company Raj Oil Co. 2019 12 55 12345 Frankfurt Terms of payment: within 14 days 3 % cash discount within 30 days 2 % cash discount within 45 days Due net

Request for Quotation We required best price for material We require an order acknowledgment for the following items:

Item	Material	Descriptio	n					
Orde	er qty. Unit		Price p	er unit			Net value	
00010	10000044	Cement	Bag RJ	00				
	100 Eac Gross Price Surcharge % on N	1	9 , 50	EUR	_1 ջ	EA		950,00
	Discount % on Ne Net incl. disc.	t	9,63	7,000- EUR	° % 1	EA		72,49- 963,01

Total net value excl. tax EUR

Release Purchase Order

T-Code:

Menu Path: SAP Easy Access → SAP Menu → Logistics → Material Management → Purchasing → Purchase Order → Release → Individual → Collective We have only one PO will go indivdulal release

SAP Easy Access



- Office
- Cross-Application Components
- End Logistics
 - Materials Management
 - 🔻 🛅 Purchasing
 - Purchase Order
 - 🕨 📄 Create
 - 🔗 Change
 - Display
 - Maintain Supplement
 - Mass Maintenance
 - 🔻 📂 Release
 - Individual Release
 - Collective Release

🖌 🦰 Liet Dienburg

Release (Approve) Pur	chasing Docum	nents	
•			
Release Code	Y		
Release Group		to	
Set Release			
Cancel Release			
Release Prerequisite Fulfilled			
List with Items			
Scope of List	BEST		
Purchasing Document Category	F	to	2
Purchasing Organization		to	
Document Number		to	
Document Type		to	
Purchasing Group		to	
Vendor		to	
Supplying Plant		to	
Document Date		to	(

Release Purchasing Documents with Release Code PO

Release	Cancel Release	🔁 Release Strat.	Release + Save	Print Preview	Individual F
PO	Type Vendor	Name		PGp Or	der Date
Release Sti	rategy	Release Indica	tor Relea	se Option	
4500022517	NB 100662	Avon Industry		R20 04	.09.2019
RC/P1 PO Re	elease Strategy	/ B not release	Relea	se possible	

 \rightarrow Individual Release Sequence we will release the PO by the approver click on save PO will be release and it will send to the vendor by click on message out put message will check

🖻 Release Standard PO 4500022517

 The second second	« 🔚 I 🗟 🚫 💽 I 🖨 🛗 I		0 🖬		
📃 Release Standa	lard PO 4500022517				
Document Overview Off 6	🕈 📫 🛛 🗊 Print Preview	Messages 🚺 🖆 Personal Settin	g Save As Ten	nplate Load from Te	emplate
Neverient	NB Standard PO	▼ 4500022517 Vendor	100662 Avon	Industry	Doc. date 04.09.2019
	Delivery/Invoice	Conditions Texts Addre	ss Communicati	on Partners A	Additional Data Org. Data
	Release group Release Strategy	RC PO Release Group P1 PO Release Strategy	Code Description PO Purchase Of DM Durchase M	Stat Rel	le
Hierarchy	Release indicator	B not release	AO Account Off AM Account Ma	nager	
NB Standard PO	4500022517 Vendor	100662 Avon Industry	Doc.	date 04.09.20	19
Release group	RC PO Release Group	Code Description	Stat Rele	nai Data Y Org. L	
Release Strategy	P1 PO Release Strategy	PO Purchase Officer PM Purchase Manager	2	Standard PO	4500022517 changed
Release indicator	R Released No Change	AO Account Officer AM Account Manager	 Image: Construction Image: Construction<	lessage No. 06023	
	H	FH Factory Head	✓ IΩ		

Print Preview

Menu Path:

SAP Easy Access \rightarrow SAP Menu \rightarrow Logistics \rightarrow Material Management \rightarrow Purchasing \rightarrow Purchase Order \rightarrow Message

SAP Easy Access	Company Avon Industry PO Box 555 12345 Hamburg	PO number/date 4500022517 / 04.09.2019 Contact person/Telephone Purch. Gr2019/8755677094
 Favorites SAP Menu Financial Services Network Connector Office Cross-Application Components 	Your vendor number with us 100662	Our VAT registr no. DE123456789
 Logistics Materials Management Purchasing Purchase Order Create Change Display 	Please deliver to: Company Raj Oil Co. 2019 12 55 12345 Frankfurt Request for Quotation We required best price for material We require an order acknowledgment for	Delivery date: Day 16.09.2019 the following items:
 Maintain Supplement Mass Maintenance 	Item Material Description Order qty. Unit Price per	· unit Net value
 Release List Displays Reporting Inbound Delivery Follow-On Functions Messages Print/Transmit Urging/Reminders Monitor Order Acknowledgements 	00010 100000044 Cement Bag RJ0 100 Each Gross Price 9,50 Surcharge % on Net Discount % on Net Net incl. disc. 9,63 Total net value excl	0 EUR 1 EA 950,00 9,000 % 85,50 7,000- % 72,49- EUR 1 EA 963,01 tax EUR 963,01
Durchase Dequisition		

Output Message

Select the message and click on Output message, The message is completed. Go to ME23N

Message Output	De Output Processing analysis for proc. Purchase Order
🖌 🖌 🕨 🚊 🚏 🕃 🖟 🚏 🛅 Output Message Display Message Message Details Trial Printout	Type Message text
Purch.Doc. Vendor Name 1 PGr Doc. Date Msg. Lng Partner Role Created on Time Time N User name Output Device Name Fax number 4500022517 100662 Avon Industry R20 04.09.2019 V NEU EN 100662 LF 05.09.2019 01:14:46 3 RAJESH LP01 MM_001	 Object 4500022517 Output type: New PO printout Processing log for program SAPFM06P routine ENTRY_NE Message outputted under spool request number 4752
Message Output I	essage Details Trial Printout ate
4500022517 100662 Avon Industry R20 04.09 ✓ NEU EN 100662 LF 05.09.2019 01:14:46 3 RAJESH	2019 LP01 Display Pur. Order :: Output Colored or mathematical and a colored or mathematical and
Communication method III Processing log Further data	Vendor 100662 Avon Industry Output type NEU New PO printout
Pur. Order 4500022517 Output	Logical destination LP01 DO NOT DELETE (default print device w/o physical des
St Outp Description Medium Fu Partner La C F COD NEU New PO print1 Print output VN 100662 EN C C	Number of messages 1 Print immediately Spool request name MM_001 Release after output Suffix 1 NB Suffix 2 FURCH_ORDER SAF cover name Do Not Print

Output Message

Select the message and click on Output message, The message is completed. Go to ME23N

Display Pur.	Ord	ler :: Output			
တိုက Displ. Originals					
Vendor		100662		Avon Industry	
Output Type		New PO printout		Print output	
Creation					
05.09.2019	٩	01:14:46			
Requested processir	ng				
Dispatch time		3 Send with appli	cation own transact	tion	•
	¢	00:00:00	Time to 0	0:00:00	
Actual processing					
05.09.2019	Ð	02:03:42	OOB 1 Successfu	Illy processed	¥
General data					
Manually changed			Created by	RAJESH	

Order Acknowledgement

Monitor Order Acknowledgement SAP Easy Access → SAP Menu → Logistics → Material Management → Purchasing → Purchasing Order → Message → Monitor acknowledgement →	Company Avon Industry PO Box 555 12345 Hamburg	Expediter re acknowledgment of Purchase order Po number/date 4500022517 / 04.09.2019 Contact person/Telephone Purch. Gr2019/8755677094
SAP Easy Access	Your vendor number with us 100662	
≧ ☞ 🏷 🏂 🏂 🖉 🔻 🔺		
 Favorites SAP Menu Financial Services Network Connector Office Cross-Application Components Logistics Materials Management Purchasing Purchase Order Create 	Please deliver to: Company Raj Oil Co. 2019 12 55 12345 Frankfurt Terms of payment: within 14 day within 30 days 2 within 45 days Du	Delivery date: Day 16.09.2019 s 3 % cash discount Currency EUR % cash discount e net
 Change Display Maintain Supplement 	Item Material Descriptio Order qty. Unit ————————————————————————————————————	n Price per unit Net value
 Mass Maintenance Release List Displays Reporting Inbound Delivery Follow-On Functions Messages Print/Transmit Urging/Reminders Monitor Order Acknowledgements 	00010 100000044 Cement 100 Each Gross Price Surcharge % on Net Discount % on Net Net incl. disc.	Bag RJ00 9,50 EUR 1 EA 950,00 9,000 % 85,50 7,000- % 72,49- 9,63 EUR 1 EA 963,01

Message Output

Monitor Order Acknowledgement SAP Easy Access→ SAP Menu→ Logistics→ Material Management→ Purchasing→ Purchasing Order→ Message→

Message Output

🔣 🔸 🕨 🚊 🧧 🕃 🕼 🍞 ዀ 🚺 Output Message 🛛 Display Message 🛛 Message Details 🛛 Trial Printout

	Purch.D	oc.	Vendor	Name	1			PGr D	oc. Date			
	Msg.	Lng	Partner	Role	e Created on	Time	Time 1	N User nam	e Output	Device	Name Fax num	ber Chng.
	1500022	517	100662	Auon	Industry			D20 0	1 00 2010			
	4300022 971170	DF	100662	AVOI	DE 00 2010	02.45.55	1	DA TEQU	4.09.2019 ID01			
Ň	NEU	EN	1	66	05.09.2019	02:45:00	3 3	X RAJESH	LP01			
•	NEU	EN	100662	LF	05.09.2019	02:45:55	3	RAJESH	LP01		MM_001	

Message Output

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Purch.Doc. Vendor Name 1			1			PGr I	Doc. Date			
Msg.	Lng Partne:	c Role	e Created on	Time	Time	N User nam	ne Output Devid	ce Name	Fax number	Chng.
45000225	17 100662	Avon	Industry			R20 0	04.09.2019			
🖌 AUFB	DE 100662	LF	05.09.2019	02:45:55	1	RAJESH	LP01			
🖌 NEU 🔅	EN 1	SS	05.09.2019	02:45:00	3	X RAJESH	LP01			
🖌 NEU	EN 100662	LF	05.09.2019	02:45:55	3	RAJESH	LP01	MM_00	1	

Message Output

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Pur	ch.Do	be. '	Vendor	Name 1	L			PGr I	Doc. Date			
I	Msg.	Lng	Partner	Role	Created on	Time	Time 1	N User nam	me Output	Device	Name Fax number	Chng.
450	00225	516	000721	Datin				P20 (00 00 0010			
400	AUFB	DE	800721	LF	05.09.2019	02:58:23	1	RAJESH	LP01			
1	NEU	EN	1	WL	05.09.2019	02:57:26	3 1	K RAJESH	LP01			
V	NEU	EN	800721	LF	05.09.2019	02:58:23	3	RAJESH	LP01		MM_001	
V 1	NEU	EN	SUPPLIER	\$§	05.09.2019	02:58:23	3	RAJESH	LP01			

Message Output

Monitor Order Acknowledgement SAP Easy Access→ SAP Menu→ Logistics→ Material Management→ Purchasing→ Purchasing Order→ Message→	Mr. Raju PO Box 123 12345 Hamburg
SAP Easy Access	Your vendor number with us 800721
 Favorites SAP Menu Financial Services Network Connector Office Cross-Application Components Logistics Materials Management Purchasing Purchase Order 	Please deliver to: Company Raj Oil Co. 2019 12 55 12345 Frankfurt Terms of delivery: CIF Raju Terms of payment: Payable imme
 Create Change Display 	Item Material Descrip Order qty. Unit
 Maintain Supplement Mass Maintenance Release List Displays Reporting Inbound Delivery Follow-On Functions Messages Print/Transmit 	00010 100000044 Cemer 100 Each Gross Price Surcharge % on Net Discount % on Net Net incl. disc.

Expediter re acknowledgment of Purchase order

PO number/date 4500022516 / 02.09.2019 Contact person/Telephone Purch. Gr2019/8755677094

Our VAT registr. no. DE123456789

Delivery date: Day 04.09.2019

ediately Due net

Currency EUR

Material	Descriptio	n					
qty. Unit		Price p	er unit			Net value	
100000044	Cement	Bag RJ	00				
100 Each							
Gross Price		9,50	EUR	1	EA		950,00
Surcharge % on Ne	t		9,000	용			85,50
Discount % on Net			5,000-	응			51,78-
Net incl. disc.		9,84	EUR	1	EA		983,72
	Material qty. Unit 100000044 100 Each Gross Price Surcharge % on Net Discount % on Net Net incl. disc.	Material Descriptio qty. Unit 1000000044 Cement 100 Each Gross Price Surcharge % on Net Discount % on Net Net incl. disc.	Material Description qty. Unit Price p 1000000044 Cement Bag RJ 100 Each Gross Price 9,50 Surcharge % on Net Discount % on Net Net incl. disc. 9,84	MaterialDescriptionqty.UnitPrice per unit100000044Cement Bag RJ00100 Each9,50 EURGross Price9,50 EURSurcharge % on Net9,000Discount % on Net5,000-Net incl. disc.9,84 EUR	MaterialDescriptionqty.UnitPrice per unit100000044Cement Bag RJ00100 Each9,50 EUR 1Gross Price9,50 EUR 1Surcharge % on Net9,000 %Discount % on Net5,000- %Net incl. disc.9,84 EUR 1	Material Description qty. Unit Price per unit 100000044 Cement Bag RJ00 100 Each 9,50 EUR 1 EA Gross Price 9,50 EUR 1 EA Surcharge % on Net 9,000 % Discount % on Net 5,000- % Net incl. disc. 9,84 EUR 1 EA	Material Description qty. Unit Price per unit Net value 100000044 Cement Bag RJ00 100 Each Gross Price 9,50 EUR 1 EA Surcharge % on Net 9,000 % Discount % on Net 5,000- % Net incl. disc. 9,84 EUR 1 EA

Message Output

ME23N-Display PO NO

4500022517- click on message 4500022516- click on Message Order confirmation acknowledgement by the vendor

Display Pur. Order :: Output

Communication method 🛄 Processing log

og Further data

Pur. Order..... 4500022517

0	Dutpu	t						
	St	Outp	Description	Medium	Fu	Partner	La	
	00	AUFB	Dunning Ord Confirm	l Print output 🔹 💌	VN	100662	DE	٠
	00	NEU	New PO printout	l Print output 🔹 💌	ss	1	EN	-
	00	NEU	New PO printout	l Print output 🔹 💌	VN	100662	EN	
	00	NEU	New PO printout	l Print output 🔹 🔻	VN	100662	EN	

Pur. Order..... 4500022516

0	Output												
	St	Outp	Description	Medium	Fu	Partner	La	C	t 🛄				
	00	AUFB	Dunning Ord	l Print output 🔹 🔻	VN	800721	DE		(🔺				
	00	NEU	New PO print	l Print output 🔹 🔻	GS	1	EN		Č				
	00	NEU	New PO print	l Print output 🔹 🔻	VN	800721	EN		(<u> </u>				
	00	NEU	New PO print	l Print output 🔹 🔻	ss	SUPPLIER	EN		C				
	00	NEU	New PO print	l Print output 🔹 🔻	ss	SUPPLIER	EN		C				
	00	NEU	New PO print	l Print output 🔹 🔻	VN	800721	EN		C				

Purchase Info Record

Purchase Info Record (PIR) is also kind of master data. Purchasing info records is a source of information for purchasing. It contains information on a specific material and a vendor supplying the material. For example the vendor's current pricing is stored in the info record. The purchasing info record is called as info record.

Types of info records:

1. Standard info record: in SAP standard info record are of two types:

•Info records with a material master record For example stock materials. This type of info record represents the relationship between the material or service and vendor for which a master record is exists in the system.

• Info records without material master records for example consumable materials. This type of info records represents the relationship between a material or service for which no master record exists and a vendor.



2. Subcontractor info records:

A subcontractor info records contains ordering information for subcontract orders. for example, if you subcontract the assembly of a component, the subcontractor info record would include vendor's (sub contractor's) price for assembling the components.

3. Pipeline info records:

The pipeline info records contains information on a vendor's commodity that is supplied through a pipeline for example, oil, water, gas, electricity supply through mains. The info record contains the vendor's price for the consumption of such commodities by the buyer (pipe line withdrawals). You can store withdrawals and usage prices for different validity periods.

4. Consignment info record:

In consignment info record, the vendor keep the material stock in your campus but it is belongs to the vendor, until you withdraw the said material for processing. When you consume some quantity from that stock, then the liability is created for vendor.



Vendor payment is done to the vendor on agreed intervals for example weekly or monthly. In consignment info record we keep the agreed price with vendor. The price can be automatically copied to purchase order from consignment info records.

A consignment purchase order is created and handed over to vendor. The vendor provides your company with materials according to the purchase order. The warehouse of you company perform goods receipt of the material according to the purchase order. Material is stored as consignment stock in the system.

Whenever material is withdrawals for consumption from consignment stocks, a liability is created for the vendor which is settled through a special payment process. For example, MRKO transaction.

Structure of an info records:

An info record contain

General Data: that is valid for **each** purchasing organization or each plant for example, origin data, reminder levels, and the order unit.

Organizational Data: Data such as prices, pricing conditions that can store for the relevant purchasing organization or plant.

Text in info records: info record memo- it is an internal note that adopted in PO item. The info record memo is not printed out.



PO text in info records: This text serves to describes the order item and corresponds to the PO text in the material master record, It is adopted in the PO item and included in the printout.

Short text: For material that has a material master record, the short text (short description) is copied directly from material master record into purchase order or the outline agreement.

Purchasing info records stores information on the materials and vendor supplying the material for example, vendor present price for particular material is stored in info record. Purchase info record can be maintained at plant level or other end it is at purchasing organization level.

Input field in Info Records

Input fields are as follows:

- Vendor: Supplier of materials
- Material: Material number. Required for the material based info records.
- Purchasing Org: Purchasing organization responsible for purchasing the materials.

• **Standard:** When this indicator is on, it signifies this information record is for use only with standard purchase order.

• Short text: Description of material. Required when there is no material master record.

• Material Group: Material group to which the material assigned. Required when there is no material master.

• Order Unit: Units the material is ordered in.

• Sort strings: Used to subdivide purchasing info records. Required when there is no material master record.

• Planned Delivery time: Days it will take the vendor to deliver the material.

• **Purchasing Group:** Group responsible for purchasing the material for the plant that will receive it.

How to create Purchase Info Record?

Purchase Info Records are created automatically when the user orders a materials or update a price quotation from a vendor, but can also be created and changed or deleted manually.

An info records link material to vendor. A material may be supplied by more than vendor. There for there may be more than one info record linking a material to a number of vendors.

The info record contains information specific to vendor and material combination. For example, an info records may contains multiple reminder letters to be sent to vendor, for expediting purposes, and the unit of measure for ordering from vendor. The info record also reflects the price changes made by the vendor for the material. This information is useful when evaluating and selecting quotations.



- Standard Quantity: Quantity of the material usually ordered from the vendor
- Net price: Vendor's price
- Quantity Conversion : Default to 1

Output Field

Current information record: Current info record indicating, price, lead time, delivery terms, conditions etc.

Purchasing organization on the initial screen is normally field in and required in most companies. It should be left blank if the info record will be for purchasing organizations and information from purchase org screens will not be used.

On the Purchase Org 1 data screen or conditions screen, the net price should only filled in if user plans for maintaining the price manually. Otherwise last PO document will maintain the pricing for all subsequent PO's. Once the net price is filled in, the system will not allow the user to blank this field out and switch to last PO pricing method. The user can also use conditions to fill in net price.

Access Create Purchase Info record:

SAP Easy Access \rightarrow SAP Menu \rightarrow Logistics \rightarrow Material Management \rightarrow Purchasing \rightarrow Master Data \rightarrow Info record \rightarrow Create

Logistics \rightarrow Sales & Distribution \rightarrow Foreign Trade/Custom \rightarrow General foreign trade Processing \rightarrow Import/Export \rightarrow Master Data \rightarrow Purchasing Info Record.

Logistics \rightarrow Production \rightarrow KANBAN \rightarrow Environment \rightarrow Purchasing \rightarrow Master Data \rightarrow Information record \rightarrow Create



T-Code: ME11-Create, ME12-Change, ME13-Display Info Record \rightarrow Vendor – 800722

- \rightarrow Material Number \rightarrow Note Book
- \rightarrow Purchasing Organization 2011

 \rightarrow Plant – 2019

→ Info record – Number Range Assign if internal system will generate automatically in our case we have assign internal Number range

→ Info category – The Type of PO or withdrawal to be used in used in connection with the Info Record: Pick From the radio buttons.

Press enter

 \rightarrow General Data

 → Info record number will be given by system when it will save.
 → Short text – Short text description enter manually if material master not available.
 → Vendor Data – Section Header
 → Reminder -1, 2, 3 – Reminder letters- indicate when to be sent.
 → Vendor Material No- vendor

material number that relates to companies material master record

🔋 . Create	a Info Record: Ge	eneral Data		Vendor	800722	
	. 11110 Accord, Oc			Material	NOTE BOOK	
Purch Ord Data	1 Conditions Texts			Purchasing Org.	2011	
Furchi orgi baca :				Plant	2019	_
Info Record				Info Record		
Vendor	800722	S.K Enterprise		Info category		
Material	NOTE BOOK	Note Book Inc	h	Standard Subcontracting		
Material Group	00103	Flectronics	O Subcontracting O Pipeline			
Hacenar Group	00100	Liectronica		○ Consignment		
Vendor Data			Origin Data			
1ct Rom /Evold	10 Dave		Cortif Cot			
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20 Days		Certificate			
2nd Rem./Exped.	20 Days		Valid to			
3ra Kem./Expea.	JU DAYS	_				
Vendor Mat. No.				jin DE		
Vendor Subrange			Region	02		
VSR Sort No.			Number			
Vendor Mat. Grp			Manufactur	er		
Points		/ 1 PC				
Salesperson			Supply Opt	ion		
Telephone			Available fro	om		
Return Agmt			Available to)		
Prior Vendor			Regular V	Vendor		
Purchase Order Uni	it of Measure					
Order Unit	PC					
Conversion	1 PC <-> 1	PC				
Var. Order Unit	Not active					

Sub-Range- Vendor sub division of total product line. Enter if available

 \rightarrow VSR Sort- Sort criteria-sort in sub range

 → Vendor Material group- material group of vendor enter or leave blank
 → Points – Vendor points : Points awarded by vendor depending on pricing conditions and discounts.

 \rightarrow **Return agreement-** Two character key if return agreement

Concluded enter key or leave blank \rightarrow **Prior Vendor-** Key that uniquely

identifies the prior vendor enter key or leave blank.

 \rightarrow **Order Unit-**Unit of measure in which material is ordered

 \rightarrow Equal to – Denominator: Conversion to base unit measure

 \rightarrow Sorting- Section header

→ **Certified category:** Category of certificates used

 \rightarrow Valid to – Date until which the certificate of origin valid

 \rightarrow **Country Origin** – Default vendor master

→Region district: Default vendor master
→Regular Vendor- Leave blank

→ Manufacturer – Name of manufacturer shown as import data in PO enter or leave blank

 → Available from- Enter the date from vendor can supply material
 Create Purchase Info record Purchase
 Org data 1, 2

🖲 🛛 Create	e Info Record: Pu	ırch. Organiza	ation Data .	1
General Data Co	onditions Texts			
nfo Record				
/endor	800722	S.K Enterprise		
Material	NOTE BOOK	Note Book Inch		
Aaterial Group	00103	Electronics		
Purchasing Org.	2011	Plant	2019 Standard	
Control				
Pl. Deliv. Time	20 Days	Tol. Underdl.	8	□No MText
Purch. Group	R20	Tol. Overdl.	8	🖌 Ackn. Rqd
Standard Qty	5 P	C Unlimited		Conf. Ctrl
Minimum Qty	P	C GR-Bsd IV		Tax Code
Rem. Shelf Life	D	No ERS		
Differential Invoicing	g 01 Not Re			
Shippg Instr.				
		Procedure		UoM Group
Max. Quantity	P	C Rndg Prof.		RMA Req.
Conditions				
Net Price	700,00 EUR	/ 1 PC	Valid to	31.12.9999
Effective Price	700,00 EUR	/ 1 PC	No Cash Disc.	
Qty Conv.	1 PC <-> 1	PC	Cond. Grp	
Pr. Date Cat.	No Control			
Incoterms				

Create Purchase Info record Purchase Org data 1, 2 →Planned delivery time- 20 Days \rightarrow Standard Quantity – 5 \rightarrow Minimum Quantity – 2 \rightarrow Net price-700 EUR for 1 PC \rightarrow Maintain Text \rightarrow Maintain PO text → Conditions Tab- Gross Price700 Euro \rightarrow Discount RA01-6% \rightarrow Scale Price \rightarrow 2 PC- 690 →10 PC-650 →20 PC-625 →50 PC-600

🤨 🖌 Crea	ate Info Record	l: Text Overview		
General Data	Purch. Org. Data 1	Conditions		
nfo Memo				
Maint. Languag	ges: E English			
Price is v	alid up to Decemeb	er 2019		
		* Li 1, Co 36	Ln 1 - Ln 1 of 1 lines	
		* Li 1, Co 36	Ln 1 - Ln 1 of 1 lines	
Status	[* Li 1, Co 36	Ln 1 - Ln 1 of 1 lines	
Status	Tavt	* Li 1, Co 36	Ln 1 - Ln 1 of 1 lines	
Status Vurchase Order	Text Test E English	* Li 1, Co 36	Ln 1 - Ln 1 of 1 lines	

Create Gross Price Condition (PB00) : Scales

Vendor	Material PC	Drg F	Plant C	Description					
800722	0722 NOTE BOOK 2011 2019 0 Standard								
Validity			[Control					
Valid From	n 06.09.2019			ScaleBasis C Quantity scale					
Valid to	alid to 31.12.9999			Charle					
					110	ne			
		-		CHECK		ne			
Scales				CHECK		ne			
Scales Scale Type	Scale quantity	U	Amour	nt	Unit	per	UoM	PricActive	6
Scales Scale Type From	Scale quantity	U PC	Amour	nt 700,00	Unit	per	UoM 1 PC	PricActive	
Scales Scale Type From	Scale quantity	U PC	Amour	nt 700,00	Unit	per	UoM 1 PC	PricActive	
Scales Scale Type From	Scale quantity 2 10	U PC	Amour	nt 700,00 690,00	Unit	per	UoM 1 PC	PricActive	
Scales Scale Type From	Scale quantity 2 10 20	U PC	Amour	11 700,00 690,00 650,00 625,00	Unit	per	UoM 1 PC	PricActive	

Purchasing info record 5300011046 2011 2019 created

Message No. 06331

Create Purchase Info record for same material to different Vendor 800706

Vendor	800706
Material	NOTE BOOK
Purchasing Org.	2011
Plant	2019
Info Record	
Info category	
 Standard 	
OSubcontracting	
OPipeline	
○ Consignment	

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P. Change Info Record: Purch. Organization Data 2			
General Data	Purch. Org. Data 1	Conditions Texts	
Info Record	5300011047		
Vendor	800706	S S Supply Co	
Material	NOTE BOOK	Note Book Inch	
Material Group	00103	Electronics	
Purchasing Org.	2011	Plant 2019 Standard	
References			
Quotation		Quotation from	

Purchasing info record 5300011047 2011 2019 created

Message No. 06331

👎 🖬 Create	Info Reco	ord: Gen	neral D	ata					
Purch. Org. Data 1	Texts								
nfo Record									
endor	800706		S S Supp	ly Co					
laterial	NOTE BOOK		Note Boo	k Inch					
aterial Group	00103		Electronic	s					
Vendor Data					Origin D	ata			
1st Rem./Exped.	10 Days				Certif. C	Cat.			
2nd Rem./Exped.	20 Days				Certifica	te]
3rd Rem./Exped.	30 Days				Valid to]
Vendor Mat. No.					Ctry of	Origi	n DE		
Vendor Subrange					Region		04		
VSR Sort No.					Number	r			
Vendor Mat. Grp					Manufa	cture	r 🗌		1
Points	[/ 1 PC	٦L					1
Salesperson	[/		- r	Supply (Optio	n		
Telephone	[Available	e fror	n 🗌		1
Return Aamt					Available	e to			i l
Prior Vendor					Requ	lar V	endor		
Purchase Order Unit	of Measure								
Order Unit	PC								
Conversion	1 PC <	<-> 1	PC						
Var. Order Unit	Not active								
var. order onie									
Change Gro	oss Price (Conditio	on (PB	00):	Cond	diti	on Sup	pleme	nts
e 🤉 📔 📭	🖃 📧 #			76)	🕿 I 🚅	514			
Variable key									
Vendor Mate	erial	POrg Pl	ant C De	scriptio	on				
800706 NOT	E BOOK	2011 20	019 0 St	andard					
Validity									
Valid From	06.0	9.2019	V	alid to			31.	12.9999	
Condition supplem	nents								
Zo CnTy Na	ame oss Prico	Amount	700.00	Unit	per	U	Deletio	Scales	Text
RA01 Dis	scount % on		10,000-	*	1				(#
									L C
									[•
									4 1
BBB B]							

Create Purchase Info record for same material to different Vendor 100662

Purchasing info record 5300011048 2011 2019 created

Message No. 06331

Info Record				
Vendor	100662	Avon Industry		
Material	NOTE BOOK	Note Book Inc	h	
Material Group	00103	Electronics		
Vendor Data			Origin Data	
1st Rem./Exped.	10 Days		Certif. Cat.	
2nd Rem./Exped.	20 Days		Certificate	
3rd Rem./Exped.	30 Days		Valid to	
Vendor Mat. No.	xyz		Ctry of Origin DE	
Vendor Subrange			Region 02	
VSR Sort No.			Number	
Vendor Mat. Grp			Manufacturer	
Points		/ 1 PC		
Salesperson			Supply Option	
Telephone	2345		Available from	
Return Agmt			Available to	
Prior Vendor			Regular Vendor	
Purchase Order Uni	it of Measure			
Order Unit	PC			
Conversion	1 PC <-> 1	PC		
Var. Order Unit	Not active			

	Vendor	100665]	
	Material	NOTE BOOK		
	Purchasing Org.	2011		
	Plant	2019		
	Fidile Tofo Docord	2015	1	
	Into Record]	
	Info category			
	 Standard 			
	OSubcontracting			
	Consignment			
🖲 🖌 Creat	e Info Record: Pu	rch. Organiza	ation Data	1
General Data	Conditions Texts			
Info Record				
Vendor	100662	Avon Industry		
Material	NOTE BOOK	Note Book Inch		
Material Group	00103	Electronics		
Purchasing Org.	2011	Plant	2019 Standar	d
Control				
Pl. Deliv. Time	10 Days	Tol. Underdl.		□No MText
Purch. Group	R20	Tol. Overdl.		✓ Ackn. Rqd
Standard Qty	1 P	C Unlimited		Conf. Ctrl
Minimum Qty	1 P	C GR-Bsd IV		Tax Code
Rem. Shelf Life	D	No ERS		
Differential Invoici	ng 01 Not Re			
Snippg Instr.		Procedure		HoM Group
Max. Quantity	P	C Rnda Prof.		RMA Reg.
Conditions				
Net Price	700,00 EUR	/ 1 PC	Valid to	31.12.9999
Effective Price	700,00 EUR	/ 1 PC	No Cash Disc	
Qty Conv.	1 PC <-> 1	PC	Cond. Grp	
Pr. Date Cat.	No Control			
Incoterms				

Display List of Info Record

To check list of Purchase Info record T-Code-ME1M- As per Material, ME1L- As per vendor,

ME1W-As per Material Group Menu Path

SAP Easy Access \rightarrow SAP Menu \rightarrow

Logistics \rightarrow Material Management \rightarrow Info Record \rightarrow List Display \rightarrow By Vendor, By Material, By Material Group

SAP Easy Access



By Material Group

Purchasing Info Records for Material

🗞 🖉 Price Simulation 🏢 Simulation

Material NOT	TE BOOK	Note Bo	ok Inch				
Vendor	Name			In	fo Rec.	Rule	De
P.Org Int	foCat Plnt	: PGp Plan	Time M	linimum	ıQty U	n Var	
Price On	rigin Net Pr:	ice Curre	ncy Qty	Un	Document	Item	QDp
100662	Avon Industry	l		53	00011048		
🗌 2011 Sta	andard 2019	9 R20 10 0	Days		1 P	С	
Conditio	on 644,	.00 E	UR	1 PC	Net		31.12.9999
800706	S S Supply Co)		53	00011047		
🗌 2011 Sta	andard 2019	9 R20 10 1	Days		1 P	С	
Conditio	on 630,	.00 E	UR	1 PC	Net		31.12.9999
800722	S.K Enterpris	se		53	00011046		
2011 Sta	andard 2019	9 R20 20 1	Days		2 P	С	
Conditio	on 658,	,00 E	UR	1 PC	Net		31.12.9999

Info Records & Pricing

When we create a Purchase order T-Code ME21N System will pick price and conditions

- 1. Purchase Info record system will pick the price condition from info record. If not available.
- 2. It will pick price from last Purchase Order number created for that material for that vendor.
- 3. If we not have both we need to enter price and conditions manually.



Info Records & Pricing

Create PO ME21 N In this PO the syst from Vendor Purc 5300011048

Order

🖰 Hold 🛛 Park 🖆 🛛 🖳 🔞 Print Preview 🛛

🖻 🕏 S.. Itm 🛛 A Curr... Per

K EUR

•

1 EUR EUR 4 3

1 [10] NOTE BOOK , Note Book Inch Delivery Schedule Delivery Invoice Con

1 Pricing Elements: Table

1 PC

1 PC

1 PC

1 PC

NB Standard PO

A10

R

1 Header

9

Ttem

View

Pricing Elements N., CnTy Crcy per

PB00 EUR

🖪 RA01 🗞

ZA00 %

FRA1 %

SKTO 🖁

EUR

EUR

EUR

Change Gross Price Condition (PB00) : Condition Supplements

O ME21 N	😃 🤮 🔯 i 🖍 🤌 📾 🌞 者 👔 i 🗈 📽 🔏 i 🛣 i 🏂 i 📩 🕞 👳					
D the system pick price and condition dor Purchase Info record no 048	Variable key Vendor Material 100662 NOTE BOOK 2011 2019 0					
	Validity Valid From 06.09.2019 Valid to 31.12.9999					
	Condition supplements					
	Zo Cn Ty Name Amount Unit per U Deletio Scales Te: PB00 Gross Price 700,00 EUR 1 PC					
review Messages 🔢 🛃 Personal Setting 🛛 Save As Template 🛛 Load from Template	Change Info Record: Purch. Organization Data 1					
Vendor 100662 Avon Industry Doc. date 06.09.2019	General Data Conditions Texts					
O Matl Group Pint Stor. Location Batch Regmt No. Requisitioner T IM Mat Info Rec. PC Electronics Raj Oli Plant 1 Main Stores Info Rec. 5300011048 Image: Store Sto	Info Record 5300011048 Version 100662 Avon Industry Material NOTE BOOK Note Book Inch Material Group 00103 Electronics Purchasing Org. 2011 Plant 2019 Standard					
BOOK , Note Book Inch	Control Pl. Deliv. Time 10 Days Tol. Underdl. % No MText Purch. Group R20 Tol. Overdl. % ✓ Ackn. Rqd					
elivery / Invoice / Conditions / Account Assignment / Texts / Delivery Address / Confirmations / Condition Cor	Standard Qty 1 PC Unlimited Conf. Ctrl					
iements: Table 🔻 🧔 Quantity 10 FC let 6.448,0	Rem. Shelf Life D No ERS Differential Invoicing 01 Not Re Shippg Instr.					
Condition value Curr. Status Num OUn CCon Un Condition value CdCur S 7.000,00 EUR 1PC 1PC 0,00 0	Procedure UoM Group Max. Quantity PC Rndg Prof.					
560,00-EUR 0 0 0,00	Conditions					
8,00 EUR 0 0 0,00 0 6.448,00 EUR 1PC 1PC 0,00 0	Nat Price 644,00 EUR / 1 PC Valid to 31.12.9999 Effective Price 644,00 EUR (1) PC No Crit Dirc					
6.448,00 EUR 1PC 1PC 0,00	Qty Conv. 1 PC <-> 1 PC Cond. Grp					
3,00 EUR 0 0 0,00 📝	Pr. Date Cat. No Control					
193,44-EUR 0 0 0,00 V	Incoterms					
6.257,56 EUR 1PC 1PC 0,00						

Info Record Manual update

To make change price manually T-Code ME12 \rightarrow Enter Info record number \rightarrow Double click on prince go to condition tab change the price


Info Record Automatic update

To make change price manually T-Code ME12 \rightarrow Enter Info record number \rightarrow Double click on prince go to condition tab change the price



Info Record Automatic update

To make change price manually T-Code ME12→ Enter Info record number → Double click on prince go to condition tab change the price . If we make change in PO condition tab . We have make tick on info update. info record will update with current price and conditions of latest PO

e Order 🖻 Hold Park 🖆 🖳 🗊 Print Preview Messages ፤ 👔 Personal Setting Save As Template Load from Template Ē NB Standard PO Vendor 00707 XYZ Ltd Doc. date 07.09.2019 Header 🖻 🗟 S., Itm 🛛 A C Deliv. Date 🛛 Net Price O... Matl Group Pint stor. Location Batch Curr... Per D 10.09.2019 53,36 EUR PAC Steels Raj Oil Plant 1 Main Stores EUR EUR EUR EUR EUR EUR EUR 4 F @AA 0 = = 7 Default Values Addl Planning P Item 1 [10] 100000046 , Zinc Sheet-2019 • Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Texts Delivery Addres Material group IUID-Relevant Revision Level EAN/UPC Vendor mat. no. Vendor sub-range Batch Vendor Batch ✓ InfoUpdate



How to Delete Info Record

To make deletion flag for a info record T-Code-ME15, If you click on Purchase Org it will mark deletion of PIR for Purchase Organization if you click on complete deletion it will mark deletion flag on PIR if you will try to use message will display an error message info record is flag to deletion for Purchase Org for Complete

Flag Info Record for Deletion: Initial Screen

Flag Info l	Record for Deletion: Initial Screen
Vendor	100662
Material	NOTE BOOK
Purchasing Org.	2011
Plant	2019
Info Record	

Info category Standard

Info Record	53000/1048					
Vendor	120662					
Material	NOTE BOOK					
Material Group	00103					
Purchasing Org	2011					
Deletion flags						
omplete info record						
Prirch. or g. data						

1

Avon Industry Note Book Inch Electronics Plant 2019 Standard

> T-code ME12 Go to Extra and select deletion flag you can mark deletion flag to info record

Who Create The PIR?

T-Code: ME12 Go to Extra tab \rightarrow Administration Data \rightarrow Administrative data will display

Change Purchasing Info Record: Administrative Data								
Administrative Da	ata for Info Record							
Vendor	100662							
Material	NOTE BOOK							
Info record	5300011048							
Corp. group data	800							
Created on	07.09.2019 By RAJESH							
Purchasing organ: Created on	ization data 2011 Plant 2019 Info category Standard 07.09.2019 Bv RAJESH							

Exercise to Create PIR

List of material T-Code: MM60

2019		H.R. Steel Hot Roled 90*30 (2019)	12.08.2019	ZR01	00101	KG	R20			3000	V	99,97	EUR	1	RAJESH
2019		Alluminium (2019)	20.08.2019	ZR01	00101	KG	R20			3000	V	104,70	EUR	1	RAJESH
2019		Zinc Glavanized Steel Coating (2019)	12.08.2019	ZR01	00102	KG	R20				V	10,00	EUR	1	RAJESH
2019		Slug for spiral casing (2019)	23.08.2019	Z00R	001	ST	001			1503	V	13,96	EUR	1	RAJESH
2019		Flat gasket	20.08.2019	Z00R	001	ST	R20			1503	V	50,60	EUR	1	RAJESH
2019		Rawmaterial Test3 (2019)		Z00R	001	KG	R20			3000	V	9,58	EUR	1	RAJESH
2019		Calcium Carbonate	15.08.2019	Z00R	01	EA	R20			3000	V	1,50	EUR	1	RAJESH
2019		Stainless Steel	15.08.2019	ZOOR	00102	KG	R20			3000	V	100,00	EUR	1	RAJESH
2019		EXHAUST	29.08.2019	Z00R	00104	ST	R20			3000	V	104,57	EUR	1	RAJESH
2019		Test Material2 2019		Z00R	00101	EA	R20			3000	V	104,57	EUR	1	RAJESH
2019		Cement Bag RJ00		Z00R	22000000	EA	R20			3000	V	10,00	EUR	1	RAJESH
2019		Zinc Sheet-2019		Z00R	00101	EA	R20			3000	V	100,00	EUR	1	RAJESH
2019		NC Sealer Rainbow		ZOFP	007310000	EA				3654	S	6,00	EUR	1	RAJESH
2019		NC Wood Sealer Rainbow		Z00R	007310000	KG	R20			3000	V	3,00	EUR	1	RAJESH
2019		Rainbow Tin Gallon 3.8 Ltr		ZERP	008	EA	R20			3050	V	1,00	EUR	1	RAJESH
2019		Electricity Supply		ZPIP	00203	AU	R20			3004	V	500,00	EUR	1	RAJESH
2019		Flat Sheet		ZERP	001	EA	R20			3050	V	200,00	EUR	1	RAJESH
2019		Tin Cover, Handle		ZERP	001	EA	R20			3050	V	1,00	EUR	1	RAJESH
2019		Ear for Hold Handle in Gallon		ZERP	001	EA	R20			3050	V	1,00	EUR	1	RAJESH
2019		Shrink Rap Role		ZERP	00107	EA	R20			3050	V	10,00	EUR	1	RAJESH
2019		Calcined China Clay	03.09.2019	ROH	00805	KG	R20			3000	V	1,00	EUR	1	RAJESH
2019		Calcium Carbonate 2 Micron		ROH	00805	KG	R20				V	200,00	EUR	1	RAJESH
2019		Calcium Carbonate 1 Micron	03.09.2019	ROH	00805	KG	R20			3000	V	1,00	EUR	1	RAJESH
2019		LAPTOP 15 Inch		FERT	00103	PC			PD		S	1.000,00	EUR	1	RAJESH
	2019 2019 2019 2019 2019 2019 2019 2019	2019 2019	2019H.R. Steel Hot Roled 90*30 (2019)2019Alluminium (2019)2019Zinc Glavanized Steel Coating (2019)2019Slug for spiral casing (2019)2019Flat gasket2019Rawmaterial Test3 (2019)2019Calcium Carbonate2019Stainless Steel2019EXHAUST2019Cement Bag RJ002019Zinc Sheet-20192019NC Sealer Rainbow2019NC Wood Sealer Rainbow2019Flat Sheet2019Flat Sheet2019Electricity Supply2019Ear for Hold Handle in Gallon2019Shrink Rap Role2019Calcium Carbonate 2 Micron2019Calcium Carbonate 1 Micron	2019H.R. 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Exercise to Create PIR Standard

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Qty Conv. 1 PC Cond. Grp Pr. Date Cat. No Control	Val. Order onic Not active		Effective Price 700,00 EUR / 1 PC No Cash Disc.
Incoterms			Pr Date Cat

Exercise to Create PIR Subcontracting

Change In	fo Record: Initia	Chan	ge Info Record: F	Purch. Organi	zation Data	ə 1								_
		General Data	Conditions Texts											
Verder	100000	Info Record Vendor Material	5300011054 100662 100000049	Avon Industry Rainbow Tin Gallor	n 3.8 Ltr									
Vendor	100662	Material Group	008	Packaging										
Material	10000049	Purchasing Org.	2011	Plant	2019 Subcont	tracting								
Purchasing Org.	2011	(-												
Plant Tafa Dalarad	2019	Control	Feel	Tol. Undered			+							
Into Record		Pl. Deliv. Time	15 Days	Tol. Underdi.	*	No Milex	(t							
Tafa antona a		Standard Oty	150	Toi. Overai.	5	Conf. Ctrl								
Info category		Minimum Oty	150	EA GR-Bsd IV		Tax Code								
OStandard		Rem. Shelf Life		No ERS		Version								
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OPipeline		Shippg Instr.												
 Consignment 				Procedure		UoM Group								
		Max. Quantity	E	EA Rndg Prof.		RMA Req.								
		Conditions												
		Conditions	0.00		Valid to	21.12	0000							
		Effective Price	0,90 EUR	/ 1 EA		-	. 9999							
		Oty Conv.	1 EA <-> 1	EA	Cond. Grn									
		Pr. Date Cat.	No Control				Chano	e Gross Price	Conditi	on (PB00)	: Condi	tion Sur	nleme	nts
		Incoterms					891	3 🖍 🤌 🖻 🛔		1 🖫 🔏 1	∞ 🖻	🔉 🔓 🕫	Þ	
		L				L	Variable k	ev						
							Vendor	Material	POrg F	Plant C Descript	ion			
							100662	10000049	2011 2	2019 3 Subcon	racting			
							المراجع المراجع الم							
							Valid From	07.0	9 2019	Valid +		21	12 0000	
								07.0	5.2015	valiu u	,	51.	12.3333	
							Condition	supplements						
							Zo	Cn Ty Name	Amount	Unit	per U	Deletio	Scales	Text
							:	PB00 Gross Price		1,00 EUR	1 E/	A		
								RA01 Discount % on		10,000-%				[3
														l

Exercise to Create PIR Pipeline



Change Gross Price Condition (PB00) : Condition Supplements

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Variable ke	Variable key									
Vendor	Material	POrg	Plant	С	Description					
100662	10000050	2011	2019	Ρ	Pipeline					

Validity

Valid From

07.09.2019 Valid to

31.12.9999

Condition supplements

Zo	CnTy	Name	Amount	Unit	per	U	Deletio	Scales	Text	
	PB00	Gross Price	500,00	EUR	1	AU			[
	RA01	Discount % on	4,000-	8					[#	
									[
									[
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									[🔺	
									[🔻	
			1							

💌 🛛 Chang	e Info Record: Ge	eneral Data	7	
Purch. Org. Data 1	Conditions Texts			
Info Record	5300011055			
Vendor	100662	Avon Industry		
Material	10000050	Electricity Supp	ly	
Material Group	00203	Electricity supp	lγ	
Vendor Data			Origin Data	
1st Rem./Exped.	10 Days		Certif. Cat.	
2nd Rem./Exped.	20 Days		Certificate	
3rd Rem./Exped.	30 Days		Valid to	
Vendor Mat. No.			Ctry of Origin DE	
Vendor Subrange			Region 02	
VSR Sort No.			Number	
Vendor Mat. Grp			Manufacturer	
Points		/ 1 AU		
Salesperson			Supply Option	
Telephone	2345		Available from	
Return Agmt			Available to	
Prior Vendor			Regular Vendor	
Purchase Order Unit	t of Measure			
Order Unit	AU			
Conversion	1 AU <-> 1	AU		
Var. Order Unit	Not active			

Exercise to Create PIR Consignment

	😎 📕 Change Info Record: General Data	👦 🔒 Change Info Record: Text Overview
Vendor 800707	Purch. Org. Data 1 Conditions Texts	General Data Purch. Org. Data 1 Conditions
	Info Record 5300011058	Tef: Descel 1000
Material 100000054	Vendor 800707 XYZ Ltd	Purchasing Org 2011 Phot 2018 Consignment
Burchasing Org 2011	Material 100000054 Shrink Rap Role	Farchasing org. 2011 Fiant 2013 consignment
Purchasing Org. 2011	Macenai Group 00107 Miscelearious	Info Memo
Plant 2019	Vendor Data Origin Data	Maint Languages: E Engish
	1st Rem./Exped. 5 Days Certif. Cat.	
Info Record	2nd Rem./Exped. 10 Days Certificate	
	3rd Rem./Exped. 15 Days Valid to	Fride Valid upto 51.12.2019
	Vendor Mat. No. Ctry of Origin DE	
Info category	Vendor Subrange Region 02	
	Vendor Mat. Gro	
OStandard	Points / 1 EA	
	Salesperson Supply Option	
Subcontracting	Telephone Available from	
OBinalina	Return Agmt Available to	Li 1, Co 1 Ln 1 - Ln 1 of 1 lines
OPipeline	Prior Vendor Regular Vendor	
Consignment	Purchase Order Unit of Measure	Status
	Order Unit EA	
	Conversion 1 EA <-> 1 EA	Purchase Order Text
🤊 🔓 Change Info Record: Purch. Organization Data 1	nit Not active	Maint, Languages: E English 🔍 🔟 🗹 🖆
General Data Conditions Texts		
		Material delivered in good packaging condition
fo Record 5300011058		
endor 800707 XYZ Ltd	Change Gross Price Condition (PB00) : Condition Supp	plements
aterial 100000054 Snrink Kap Kole	😀 🤮 📓 i 🖍 🥔 📾 🇰 🕑 i 🗓 🖏 🚀 i 🔬 i 👘 i 🔈 is 🕬	
urchasing Org. 2011 Plant 2019 Consignment		
	Vander Material DOre Dest C Description	
Control	800707 10000054 2011 2019 2 Consignment	
Pl. Deliv. Time 10 Days Tol. Underdl. 5,0 % No MTe	dt de la constant de	
Purch. Group R20 Tol. Overdl. & Ackn. R		
Standard Qty 10 EA ✓Unlimited Conf. Ctrl	Validity	
Rem Shelf Life	Valid From 07.09.2019 Valid to 31.1	2.9999
Differential Invoicing 01 Not Re	Condition supplements	
Shippg Instr.	Zo CnTy Name Amount Unit per U Deletio	Scales Text
Procedure UoM Grou	PB00 Gross Price 10,00 EUR 1 EA	
Max. Quantity EA Rndg Prof. RMA Req.	RA01 Discount % on _ 5,000-%	
The difference		
	0000	
Effective Price 9,50 EUR / 1 EA No Cash Disc		
2ty Conv. 1 EA <-> 1 EA Cond. Grp		
Pr. Date Cat. No Control		
Incoterms		

List of PIR

List of PIR ME1M

Purchasing Info Records for Material

🗞 🖉 Price Simulation 🗰 Simulation

Material	100000054	Sh	rink Rap R	ole			
Vendor	Name			I	nfo Rec. H	Rule	De
P.Org	InfoCat	Plnt PGp	Plan Time	Minimu	m Qty Un	Var	
Price	e Origin	Net Price	Currency	Qty Un	Document	Item	QDp
800707							
2011	Consignme	nt 2019 R20	10 Days		5 EA		
Condi	ition	9,50	EUR	1 EA	Net		31.12.9999

Purchasing Info Records for Material

🗞 🖉 Price Simulation 🔟 Simulation

Material	NOTE BOOK	Note	Book In	nch					
Vendor	Name				I	nfo Rec	. R	ule	De
P.Org	InfoCat	Plnt PGp Pl	an Time	e Mi	nimu	m Qty	Un	Var	
Price	e Origin Ne	et Price Cur	rency	Qty	Un	Docume	nt	Item	QDp
100662	Avon Inc	lustry			5	3000110	48		
2011	Standard	2019 R20 10	Days			1	PC		
Condi	ition	644,00	EUR	1	PC	Net			31.12.9999
800706	S S Supp	oly Co			5	3000110	47		
2011	Standard	2019 R20 10	Days			1	PC		
Condi	ition	630,00	EUR	1	PC	Net			31.12.9999
800722	S.K Ente	erprise			5	3000110	46		
2011	Standard	2019 R20 20	Days			2	PC		
Condi	ition	658,00	EUR	1	PC	Net			31.12.9999



Examples maintain Condition

2. Purchase Order Condition Tab

45000	22516 Cre	ated by RAJESH														
) 🦻 🕇	ិ 🦆 🕴 🗊 Print	Preview Messages	🚺 🔊 Personal	Setting	Save A	s Ter	mplate Load from Te	mplate								
	NB Standard Header	PO ▼ 4500022516	Vendor	80	00721 Raju		Doc	date	02.09	.2019						
	I Item Overview I Item	1 [10] 100000044 , (Cement Bag RJO	00	•	-										
	Material D	ata Quantities/Weight	ts Delivery S	Schedule	Deliver	γ	Invoice Conditions	Те	exts 👔	Delivery	Addr	ress	Confirmatio	ns Condition (Control R	etail
	View	1 Pricing Elements:	Table 🔻		Quar	tity		100) EA	Net				983,72 EUR	(0)	
	Pricing Ele	ments														
	N., CnTy	Name	Amount	Cro	cy per		Condition value	Curr.	Status	Num	OUn	CCon	Un Cone	dition value	CdCur S	
			(0,00 EU	R :	EA	0,00	EUR		0	EA	0	EA	0,00		
	PBXX	Gross Price	9	9,50 EU	R :	EA	950,00	EUR		1	EA	1	EA	0,00		
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		Net incl. disc.	9	9,84 EU	R :	EA	983,72	EUR		1	EA	1	EA	0,00		
		Net incl. tax	9	9,84 EU	R :	EA	983,72	EUR		1	EA	1	EA	0,00		
	FRA1	Freight %	2,	,500 🗞			24,59	EUR		0		0		0,00	\checkmark	*
	SKTO	Cash Discount	0,	,000 %			0,00	EUR		0		0		0,00	\checkmark	Ψ.

Examples maintain Condition

3. Quotation

	⊢)H													
					Cement Bag RJ(0								
Item	10			Material	10000044									
View	1 Pricing Elements	: Table 🔹		Quantity		10	0 EA	Net			1.024,60 EUR	5	3	3
														_
Pricing E	lements													
N., CnT	Ty Name	Amount	Crcy	per	Condition value	Curr.	Status	Num (OUn	CCon Un	Condition value	CdCur	S	
		0,00	EUR	1 EA	0,00	EUR		0 E	A	0 EA	0,00			
PBXX	X Gross Price	10,00	EUR	1 EA	1.000,00	EUR		1 E	A	1 EA	0,00			-
ZA 00	O Surcharge % on Net	9,000	8		90,00	EUR		0		0	0,00			
RA0(O Discount % on Net	6,000-	- %		65,40	- EUR		0		0	0,00			
	Net incl. disc.	10,25	EUR	1 EA	1.024,60	EUR		1 E	A	1 EA	0,00			
	Net incl. tax	10,25	EUR	1 EA	1.024,60	EUR		1 E	A	1 EA	0,00			
FRA:	1 Freight %	2,000	40		20,49	EUR		0		0	0,00		\checkmark	
SKT (Cash Discount 	0,000	\$		0,00	EUR		0		0	0,00		\checkmark	
	Actual Price	10,45	EUR	1 EA	1.045,09	EUR		1 E	A	1 EA	0,00			



Material Valuation

SAP Valuation area is the organizational level at which materials are valuated such as at t

- Plant level or
- Company Code Level

When The valuation area is at plant level. You can valuate a material in different plants at different prices. When the valuation at company code level, the valuation price of material is the same in all plants of the company code.

Material valuation at plant level is mandatory if your system is a retail system, or if use either the Production Planning or Product Cost Accounting components.

To Define Valuation Area: T-Code: SPRO→ IMG Screen→ Definition→ Logistic General→ Define Valuation Level



Define valuation level

Valuation Level



Define Valuation Class:

The valuation class is a group of material with the same account determination. If a transaction is to be posted to different accounts depending on the valuation class, create an account determination each valuation class in the step create automatic posting.

We define which valuation classes are allowed for a material type.

Whenever user create a material, it is mandatory to enter material's valuation class in the accounting data. The R/3 system uses your default settings to check whether the valuation class is allowed for the material type.

To create an account determination for each valuation class the step is Create automatic postings.



The valuation class allowed depend on the material type. Several valuation classes are generally allowed for one material type. A valuation class can be allowed several material types. Valuation classes and material types are linked via reference account category. The account category reference is a combination of valuation classes. Precisely one account category reference is assigned to a material type.

Example,

Requirements:

- You have must defined material type
- You must have defined the chart of accounts
- You must have agreed with Financial Accounting which material are assigned to which accounts.

Default Settings:

In the standard SAP R/3 System, an account category reference is created for each material type. The account category reference is created for each material type. The account category reference is, in turn, assigned precisely to one valuation class, which means each material type has its own valuation class.

Recommendation:

It is recommended that create the account groups of your chart of accounts as an account category reference.

Ac	tivities:			Example:	Mat	erial	Material Type		Valuation Class
1.	Create a accou	int categoi ence.	ry refere	ences under account	Finis	sh good	FERT	3	3654
2.	Under valuation	n class, de category re	fine the eference	valuation classes for a.	Raw Mate	erial	Z00R	3	3000
3.	Under Material assign an acco	type/ acco ount catego	ount cate	egory reference, rence to each	Pacl Mate	king erial	ZERP	3	3050
	material type.	-	-		Pipe	Line	ZPIP	3	3004
		100000011	2019	H.R. Steel Hot Roled 90*30 (2019)	12.08.2019	ZR01 00101	KG R20	3000 V	99,97 EUR 1 RAJESH
		100000012	2019	Alluminium (2019)	20.08.2019	ZR01 00101	KG R20	3000 V	104,70 EUR 1 RAJESH
		10000013	2019	Sha for spiral casing (2019)	22.00.2019	ZR01 00102	KG K20	1502 V	12.06 EUR 1 RAJESH
		100000014	2019	Flat nasket	20.08.2019	Z00R 001	ST 820	1503 V	50.60 EUR 1 RAJESH
		100000018	2019	Rawmaterial Test3 (2019)	20.00.2015	Z00R 001	KG R20	3000 V	9 58 EUR 1 RAIESH
		10000030	2019	Calcium Carbonate	15.08.2019	Z00R 01	FA R20	3000 V	1.50 EUR 1 RAJESH
		10000031	2019	Stainless Steel	15.08.2019	Z00R 00102	KG R20	3000 V	100,00 EUR 1 RAJESH
		10000041	2019	EXHAUST	29.08.2019	Z00R 00104	ST R20	3000 V	104,57 EUR 1 RAJESH
		10000042	2019	Test Material2 2019		Z00R 00101	EA R20	3000 V	104,57 EUR 1 RAJESH
		10000044	2019	Cement Bag RJ00		Z00R 22000000	EA R20	3000 V	10,00 EUR 1 RAJESH
		10000046	2019	Zinc Sheet-2019		Z00R 00101	EA R20	3000 V	100,00 EUR 1 RAJESH
		10000047	2019	NC Sealer Rainbow		Z0FP 007310000) EA	3654 S	6,00 EUR 1 RAJESH
		10000048	2019	NC Wood Sealer Rainbow		Z00R 007310000) KG R20	3000 V	3,00 EUR 1 RAJESH
		10000049	2019	Rainbow Tin Gallon 3.8 Ltr		ZERP 008	EA R20	3050 V	1,00 EUR 1 RAJESH
		10000050	2019	Electricity Supply		ZPIP 00203	AU R20	3004 V	500,00 EUR 1 RAJESH
		10000051	2019	Flat Sheet		ZERP 001	EA R20	3050 V	200,00 EUR 1 RAJESH
		10000052	2019	Tin Cover, Handle		ZERP 001	EA R20	3050 V	1,00 EUR 1 RAJESH
		10000053	2019	Ear for Hold Handle in Gallon		ZERP 001	EA R20	3050 V	1,00 EUR 1 RAJESH
		10000054	2019	Shrink Rap Role		ZERP 00107	EA R20	3050 V	10,00 EUR 1 RAJESH

Calcined China Clay

LAPTOP 15 Inch

Calcium Carbonate 2 Micron

Calcium Carbonate 1 Micron

03.09.2019 ROH 00805

03.09.2019 ROH 00805

ROH 00805

FERT 00103

KG R20

KG R20

KG R20

PC

3000 V

3000 V

PD

٧

S

1,00 EUR 1 RAJESH

1,00 EUR 1 RAJESH

200,00 EUR 1 RAJESH

1.000,00 EUR 1 RAJESH

CALCINED CHINACLAY

CALCIUM CARBONATE

LAPTOP

CALCIUM CARBONATE1 2019

2019

2019

2019

Change Material NOTE BOOK (Finished product(STD))	
🖆 🖙 Additional Data 🛛 📲 Org. Levels 🧯 Check Screen Data 🔒	다 Change Material NOTE BOOK (Accounting 1, Finished product(STD))
MRP 4 Accounting 1 Accounting 2 Costing 1 Costing 2 Plan	Material NOTE BOOK Note Book Inch
Material NOTE BOOK Note Book Inch Plant 2019 Raj Oil Plant 1	Material type FERT Finished product (STD)
	Created by RAJESH on 01.09.19 Last changed by RAJESH on 01.09.19
Base Unit of Measure PC Pieces Valuation Category	Status information:
Currency EUR Current period 08 2019 Division Price determ. IML act.	No deletion flags or locks exist
Current valuation Valuation Class 3654	Client level:
VC: Sales order stk Proj. stk val. class Price control S Price Unit 1	Status description Created On Created by Last Chg. Changed by
Moving price Standard price 900,00 Total Stock 0 Total Value 0,00	Purchasing 01.09.2019 RAJESH 01.09.2019 RAJESH Basic data 01.09.2019 RAJESH 01.09.2019 RAJESH
Future price Valuated Un	Plant level:
Previous period/year Std cost estimat	

📃 Change Material 1000000	12 (Raw material RJ00)				
📑 🔿 Additional Data 🛛 🔓 Org. Levels 🛛 🚰 Ch	neck Screen Data 🔒				
🖉 🗟 Plant data / stor. 2 🖉 🗟 Accounting 1	1 Accounting 2 Plant stock S.	다 Change Material 100000012 (Accounting 1, Raw n	naterial RJ00)		×
Material 100000012 Alluminium Plant 2019 Raj Oil Plan	n (2019)	Material 100000012 Allumin Industry sector n Material type ZR01 Raw mai Low-level code	nium (2019) ical Engineering terial RJ00		•
General Data Base Unit of Measure KG kilogram Currency EUR	Valuation Category Current period 08 2019	Created by RAJESH on 0. Last changed by RAJESH on 2.	3.08.19 0.08.19		#
Division 00 Current valuation	Price determ.	No deletion flags or locks exist			
Valuation Class 3000 VC: Sales order SLK Price control	Proj. stk val. class Price Unit 1	Client level:			
Moving price 104,70	Standard price 100,00	Status description	Created On Created by	Last Chg. Changed	i by
Future price	Valuated Un Valid from	Purchasing Basic data Storage	03.08.2019 RAJESH 03.08.2019 RAJESH 03.08.2019 RAJESH	20.08.2019 RAJESH 12.08.2019 RAJESH 12.08.2019 RAJESH	
	Previous period/year Std cost estimated Std Cost es				÷

Material Valuation (Price Control)

Material Valuation is carried out according to the price control sets in the SAP System. Based on the business scenarios, we can set the valuation method as :

- Moving average Price (Price control V)
- Standard Price (Price control S)

The valuation method is defined in the Accounting 1 view screen of the material master record, You can check in this view the total stock quantity and total value of a material.

Moving Average Price is a weighted average price. The movements of material s such as goods issue or goods receipts may impacts moving average prices of the material will change if purchasing prices of material are changed. This price is calculated as

Moving Average price

V = Total stock value/ Total stock quantity The material master record will always updated with current moving average price.

A Standard price is fixed price defined in the material master record. In General this method used for finished goods.



Material Valuation (Price Control)

Moving average price updated as per Purchase Order / Invoice

Diage Material 10000001	1 (Raw material RJ00)	
📫 📫 Additional Data 🛛 🖁 Org. Levels 🦆 Che	eck Screen Data 🔒	Fr Drice control indicator (1) - 2 Entries found
Plant data / stor. 2 OAccounting 1	Accounting 2 Plant stock S	
Material 100000011 H.R. Steel H Plant 2019 Raj Oil Plant	Hot Roled 90*30 (2019)	Price control Short Descript. S Standard price V Moving average price/periodic unit price
General Data		
Base Unit of MeasureKGkilogramCurrencyEURDivision00	Valuation Category Current period 08 2019 Price determ. ML act.	
Current valuation		
Valuation Class3000VC: Sales order stkPrice controlVMoving price99,97Total Stock10.110	Proj. stk val. class Price Unit 1 Standard price 100,00 Total Value 1.010.738,18	
Euture price	Valuated Un	
	Previous period/year Std cost estimate	

Material Valuation (Price Control)

Standard Price is never change it is fixed by the account department.

Change Material SMART P	HONE5 (Finished product(STD))	
📑 🔿 Additional Data 🛛 🔓 Org. Levels 🧯 C	heck Screen Data 🔒	
Plant data / stor. 2 Accounting Material SMART PHONES Smart Pho Plant 2019 Raj Oil Plant Image: Contract of the second seco	1 Accounting 2 Costing 1 C 1 one 7 Inch Screen Water Proof Int 1	Price control indicator (1) 2 Entries found Price control Short Descript. S Standard price V Moving average price/periodic unit price
General Data Base Unit of Measure EA Currency EUR Division R1	Valuation Category 08 2019 Current period 08 2019 Price determ. Image: ML act.	
Current valuation Valuation Class 3654 VC: Sales order stk	Proj. stk val. class	
Price control S Moving price Total Stock 0	Price Unit 1 Standard price 700,00 Total Value 0,00	
Future price	Valid from Previous period/year Std cost estimate	

Valuation of Goods Receipt

In Moving Average Price the stock account and GR/IR Account is take amount from Purchase order.

In Standard Price the stock account always take standard amount. GR/IR account take amount of purchase order if there is price difference than price difference account is updated.

Example of Standard Price

Manager and the state of the st



	Transaction	Stock	Total value	Standard price	Moving ave. price
(1)	Initial situation	100	200.00	2.00	2.00

Financial Accounting: Account Movements



Material Master Record: Valuation Data

	Transaction	Stock	Total value	Standard price	Moving ave. price
(1)	Initial situation	100	200.00	2.00	2.00
(2)	GR for PO: 100 at 2.40	200	400.00	2.00	2.20
(3)	IR fd. PO: 100 at 2.20	200	400.00	2.00	2.10

Financial Accounting: Account Movements



Valuation of Goods Receipt

In Moving Average Price the stock account and GR/IR updated from Purchase order or Invoice.

Material Master Record: Valuation Data

Standard Moving ave. price price	St	Total value	Stock	Transaction	
2.00 2.00	1.2	200.00	100	Initial situation	(1)
		~	Þ		
		(j	Þ		Fina



Material Master Record: Valuation Data

	Transaction	Stock	Total value	Standard price	Moving ave. price
(1)	Initial situation	100	200.00	2.00	2.00
(2)	GR for PO: 100 at 2,40	200	440.00	2.00	2.20
	La.				

Financial Accounting: Account Movements

Stock account	GR/IR clearing account	Vendor
(1) 200	240 (2)	

Material Master Record: Valuation Data

	Transaction	Stock	Total value	Standard price	Moving ave.price
(1)	Initial situation	100	200.00	2.00	2.00
(2)	GR for PO: 100 at 2.40	200	440.00	2.00	2.20
(3)	IR for PO: 100 at 2:20	200	420.00	2.00	2.10

Financial Accounting: Account Movements

Stock ac	count	GR/IR clear	ing account	Vendor
(1) 200	20 (3)	(3) 240	240 (2)	226 (3



Stock Type Valuation & GR in warehouse

To Overview Stock T-Code: MMBE

Menu Path: SAP Easy access→ SAP Menu→ Logistics→ Material Management→ Inventory Management→ Environment→ Stock→ Stock Overview

11	Client	Clien 4600	it 400 pieces
	1		
	Company code	Co. code 2000 2500 pieces	Co. code 1000 2100 pieces
	1		
	Plant	Plant 1000 1200 pieces	Plant 1100 900 pieces
	1		-
<u></u>	Storage location	SLoc 0001 300 pieces	SLoc 0002 600 pieces
Logistic Inventory Stock Ov	► Material Managemererview (MN	Manageme ent ➔ Stoo /IBE)	ent → ck →
Steel Hot Roled 90*30	(2019)		

SAP Easy A	Access				
le 🏷 🗅	‱ № / 💌 🔺				
Favorites					
SAP Menu	Long in a Natural Constant				
 Financia Financia 	al Services Network Connector				
Cross-A	unlication Components				
 Cross-A Cross-A Cross-A 	s				
💌 🗁 Mat	terials Management				
•	Purchasing				
- 🖻	Inventory Management				
•	🚞 Goods Movement				
•	Material Document				
Reservation					
•	Periodic Processing				
•	Environment				
	List Displays				
	Stock Stock				
	Cock Overview				
	Stock Requirements List				
	Warehouse Stock				
	 Stock for Posting Date 				
	• 🛇 Stock in Transit				
	 Stock in Transit on Key Date 				
	 Stock in Transit (SIT) 				
der Stock Con	 Valuated Goods Receipt Blocked Stock 				
0.800,000	 Valuated Special Stock 				
0.800,000	 Stock with Subcontractor 				
0.800,000					

Stock Overview	: Basic List			
ri 🔁				
Calaatian				
Selection				
Material	10000011	H.R. Steel Hot Roled 90*30 (201	.9)	
Material Type	ZR01	Raw material RJ00		
Unit of Measure	KG	Base Unit of Measure	KG	
Stock Overview				

📚 🚖 | 🛗 | 🖨 🖌 | 🕄 Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Co
🝷 😂 Full	10.110,000				140.800,000	
▼ 5 2019 Raj Oil Co	10.110,000				140.800,000	
 2019 Raj Oil Plant 1 	10.110,000				140.800,000	
• 🌐 0001 Main Stores	10.110,000				140.800,000	

Valuated Goods Receipt

To Overview Stock **T-Code: MMBE**

Menu Path:

SAP Easy access → SAP Menu → Logistics → Material Management → Inventory Management → Environment → Stock → Stock Overview

Valuation of goods and stock overview depends upon the Movement type. As we Enter Goods Receipt reference document is Purchase Order have 3 option material can go to unrestricted use means from this stock material can issue for use, if we have active quality control, material will move to Quality Inspection, after quality test if material is satisfactory it will move to unrestricted use if no satisfactory result it will moved to blocked stock and then it will return back to the vendor or replace by the vendor.

From vendor to delivery place to Unrestricted Use/ Quality Inspection/ Blocked stock Movement type 101.



Valuated Goods Receipt

Types of movement

From	То	Movement Type
Vendor	Plant- Unrestricted use/ Quality Inspection/ Blocked stock	101
Quality Inspection	Unrestricted Use	321
Quality Inspection	Blocked Stock	349 & 350
Blocked stock	Unrestricted use	343
Unrestricted Stock	Blocked stock	344

Document for Goods Movement

When Goods receipt against a Purchase order system generate material document which contain who have received it, what is the quantity and what is the material. Material document created Goods receipt, Goods issue, Transfer posting. With the Material document Accounting data also created in FI. But accounting document will no generated in the case of internal transfer of stocks example Quality inspection to unrestricted use , Blocked stock, or vise versa.



Material and Accounting Document

The material and accounting documents for goods movement are created simultaneously.



Effects of Goods Movements

Whenever we make delivery note for goods receipt Material stock value and quantity is updated.

Material Document, and Accounting document generated I n FI.

If have an activated Quality management system an inspection lot to trigger a quality inspection is created.

Stock and consumption account get updated.

If having warehouse management. Transfer request to warehouse. Goods receipt hard copy created which is optional.

Creation of Notification of goods receipt (Optional).

Purchase Order and Purchase order history get update.





Invoice Verification

Every Organization acquires goods and services to complete is business needs. Once Goods receipt are procured from a vendor and placed in company's premises through goods receipt, we need to pay to the vendor for the acquire of that goods or services. The amount to be paid along with the details of material is provided by the vendor in the form of a document which is know as invoice. Before payment transaction we need to verify the invoice. This process of verification of invoice document is known as invoice verification. The key points are as follows:

- Invoice verification marks the end of procurement after purchase order, goods receipt.
- Invoice posting updates all the related documents in financial a and accounting.
- Blocked invoice that vary from actual invoice can be processed through invoice verification.
- One Normally comes across the following terms in invoice verification
- Posting A Invoice
- Blocked Invoice
- Evaluated Receipt Settlement (ERS)
 T-Code: MIRO



Delivery Cost

Delivery Cost is of two types

- Planned Delivery Cost
- Un-planned delivery costs
- **Planned Delivery Costs:** A delivery costs that are planned in a purchase order and entered in the system (invoice).

Planned delivery costs are agreed upon with the vendor, a carrier, or a customs office before the purchase order is created. You enter them in purchase order. Planned delivery costs can be:

Origin of Costs:

- 1. Freight Charges
- 2. Customs Charges
- **Calculation of costs**
- 1. Fixed amount, irrespective of delivered quantity
- 2. Quantity-dependent amount
- 3. Percentage of value goods


Delivery Cost

•Un-planned: A delivery costs that are not planned in purchase order and are not entered in the system until the invoice is received.

Un-planned delivery costs were not agreed on in the purchase order and are not entered until in the invoice is received.

You can enter the unplanned delivery costs in the invoice document alongside the costs incurred .Un-planned delivery costs can post as follows:

- Distribute them prorated to calculate invoice items.

- Post the to separate G/L account. The system distribute the unplanned delivery costs automatically in the ratio of the value invoice d so far to the values in current the current invoice. The system posts unplanned delivery costs to a separate G/L Account. Therefore, the unplanned delivery costs do not debit stock accounts or account assignment objects.



Thank You.....