

CONTROLING **MIX COSTING** STEP BY STEP NOTES - BY ASHRAF

Note: Please LeaveYour Valuable Comments To Improve This Material

Configuration Of Mixed Costing

Mixed costing is very important. For ex. it's the only way to release a standard cost estimate for each procurement alternative that is associated with a valuation type. Mixed Cost estimates let you to combine the costs of different procurement alternates into an inventory value

When you have procurement alternatives for the same materials, such as two production lines or two vendors, you can use mixed cost estimates.

When you need inventory valuation to reflect the mixed procurement costs

The prerequisite for the mixed costing is as below:

- A quantity structure type is configured in the customizing
- This quantity structure type is associated to a costing version in the Customizing.
- The Procurement alternatives for the material have bee defined

– The mixing ratios for the procurement alternatives are defined based on the quantity structure type

- The material is costed with the above-defined costing version.

Case Study

Combination of 2 Products 01. Hardware - 80% 02. Software - 20%

01. Create Finished Product - MM01

Material - Dell -DSK-M-2706

Click on Tab - Costing 1

Material: DE	LL-DSK-M-2706					i	
cr. De	11-Desktop-Mode	1-2706				68 🚺	
Plant: N	T1 Plant-Hyd-	NTT1					
eral Data							
Base Unit o	of Measure EA	each					
Do	Not Cost:						
With Qty	Structure: 🔽						
Materi	al origin: 🔽						
Orig	gin group:						
Overhe	ead Group:						
lant-Sp.Ma	tl Status:						
V	alid From:		Profit	Center:	1000		

Scroll Down

< 🕭 Accounting 2	Costing 1	ð Costing 2	Plant stock	Stor. loc. stck	WM Execution
Quantity structur	e data				
Alternative	BOM:		BOM Usage	e:	
G	roup:		Group Counter	r:	
Task List	Туре:				
SpecProcurem Cos	ting:		Costing Lot Size	e: 1	
Co-pro	duct:			Joint production	
Fxd P	rice: 🗌				
Version Indic	ator: 🗸			D Versions	
Production Ver	sion:				

<u>Click on Version</u> Give the Following Information

≡	Р	roduction Ver	sion Overvi	ew)	×
Pro	duction Version Overvi	ew			٥	
v	Production Version T	Valid from	Valid To	R		
N1	Hardware	01.01.2022	31.12.9999		0	
N2	Software	01.01.2202	31.12.9999			

02. Create Raw Material - Hardware

Standard Value - 20,000

03. Create Raw Material - Software Standard Value - 10,000

04. Create Bill Of Material - CS01

Here we are going to Create 02 Bill of Materials for the Same Product I.e Finished Goods

Material - Dell-Dsk-M-2706 Plant - NTT1 BOM Usage - 1 Production Alternative -Valid From - <System Date - Automatic> Press Enter

< SAP	Change material BOM: Initial Screen
∨ ∰ 🖬 Item 兽 More∨	
<pre>* Material: DELL-DSK+M-2706 Plant: NTT1 Plant-Hyd-NTT1 * BOM Usage: 1 Production Alternative BOM: Validity</pre>	<u>ā</u>
Change Number: Valid From: 05.01.2022 Revision level:	



Save

Msg: Creating BOM for Material Dell-Dsk-M-2706

05.Create Bill Of Material - CS01 (Create 02 BOM - Alternative BOM)

Msg: Alternative 2 Added to BOM - Press Enter and Ignore the Msg **Material - Dell-Dsk-M-2706** Plant - NTT1 BOM Usage - 02 Valid From -Press Enter Give the Following Details - Maintain Different Quantities

м	ater	ial: DELL-	DSK-M-2706			Del1	l-De	sktop-Model	-2706						
	Pl	lant: NTT1	Plant-Hyd-NTT1												
Alternat	ive	BOM: 2													
Posi	tion	Eff	ectivity Initial Screen												
Material	I	Document	General												
Item	ICt	Component	Component description	Quantity	UoM	Asm	SIS	Valid From	Valid to	Change No.	Ρ	.SortStrng	Item ID	Chg No. To	G. F@
0010	L	SOFTWARE	software	1	EA			05.01.2022	31.12.9999				0000002		
0020															

Save

Msg: BOM for Material Dell-Dsk-M-2706 - Changed

BOM for material DELL-DSK-M-2706 changed

06. Create Routing - CA01

		~	<	>	• 16	85 M	90	[≯ [Re	efer	ence	W	ork	center	Allocation	🖗 Detail	Sequenc	es More∨		q c	Exit
	G	Group: 500	00275			Group	p Coun	nter: 1	1	De1	1-De	skto	ор-Мо	ode1-270	06						
	Mate	erial: DEL	L-DSK	-M-27	06					De1	1-De	skto	ор-Мо	ode1-270	06						
Opera	tion	Overview																			
0	SOp	Work c	P	c	Stand	Descript	ion		L	PRT	c	o	. P	. c s	.Base Quantit	y UFact.	U Acti	Machine	Unit	Acti	Labor
0010)	ASSEMBLI	NTT1	PP01		Assemblin	ng								1	EA		1	MIN	ASSEMB	
0020)	QUALITY	NTT1	PP01		Quality (checks	5							1	EA		1	MIN	QUALIT	
0030)	PAKING	NTT1	PP01		Packing									1	EA		1	MIN	PACKIN	
0040)		NTT1												1	EA					

Save

Routing was saved with group 50000275 and material DELL-DSK-M-2706.

07. Create Second Routing for the	san	ne Mater	ial				
Material - Dell-Dsk-M-2706							
Plant - NTT1							
Valid Key Date - <system -="" aut<="" date="" td=""><td>toma</td><td>atic></td><td></td><td></td><td></td><td></td><td></td></system>	toma	atic>					
Press Enter	toma						
Conorol Data							
General Data							
Usage - 1							
Overall Status - 4							
Click on Operations							
Give the following Data							
V 👪 🗟 🖨 🔍 🗷 Sequence	es 🛋	Operations A	ssignment Al	location M	ore 🗸		E
Group: 50000271							
Material: DELL-DSK-M-2500		Dell-Laptop-M	lode1-2500				
Header Overview							
III GrC Description Plant	t Us.	PLot Size	From Lot Size	To Unit D	Change Number	Valid From	Valid to
1 Dell-Laptop-Model-2500 NTT1	1 4	0	99.99	99.999EA		27.12.2021	31.12.9999
General Data Usage - 1 Overall Status - 4 Click on Operations Group: 50000275 Material: DELL-DSK-M-2706 Operation Overview 0 SOP Work c P C Standa Description 0010 ASSEMBLI NTTI PP01 Assembling 0020 Quality NTTI PP01 PAKING NTT1	Dell- Dell-	-Desktop-Mode1-2 -Desktop-Mode1-2 .0PCS	706 706 1 Ease Quantity U 1 E 1 E	J Factory O A A A A	. UActi Ma 1 1	chine Unit A MIN A: MIN Q MIN P	cti Labor SSEMB JALIT ACKIN
Save Routing was saved with group 50000275 and material - Dell-Dsk-M-2706 Plant - NTT1 Valid Key Date - <system -="" aut<="" date="" td=""><td>_{ateria}</td><td>1 dell-dsk-m</td><td>-2706.</td><td></td><td></td><td></td><td></td></system>	_{ateria}	1 dell-dsk-m	-2706.				
Click on Operations							
Group: 50000275							
Material: DELL-DSK-M-2706	D	ell-Desktop-Mod	le1-2706				
Header Overview							
GrC Description Plant USPLot Size	From Lo	ot Size To Uni	t DChange Nu	mber Valid Fr	om Valid to	Created On	Created by
1 Dell-Desktop-Model-2706 NTT1 1 4 1 2 Dell-Desktop-Model-2706 NTT1 1 4 1		99.999.999EA 99.999.999EA		05.01.2	022 31.12.9999 022 31.12.9999	05.01.2022	IN39101 IN39101

08. Define Procurement Alternatives - CK91N

Using **CK91N**. Here we need to create the Procurement Alt per material/plant.

SAP Menu > Accounting > Controlling > Product Cost Controlling > Product Cost Planning > Material Costing > Master Data for Mixed Cost Estimate > CK91N - Edit Procurement Alternatives

Material - Dell-Dsk-M-2706

Plant - NTT1 Valuation Type-Click on Create Button Process Cat - BF - Production Select X - BOM/Routing Bill Of Material Usage - 1 Alternative - 1 Routing Task List - N Group - <System Will Auto update> Group Counter - 1 Costing Data Cstg Lot Size - 1 Confirm

Commit	
< SAP	Display Procurement Alternative
✓ [] More∨	
* Material: DELL-DSK-M-2706	तू Dell-Desktop-Model-2706
* Plant: NTT1 Plant-Hyd-NTT1 Valuation Type:	
$\mathbf{>}$	
Names	
Generated Name: BOM:1/01 Routing:N/50000275/01	
Changeable Name: Process-1	
Characteristics	
Process Cat.: Production Bill of material	
Usage: 1 Production Alternative: 1	
Scroll Down	
Routing Task List Type: N Routing Group: 50000275 Dell-Desktop-Model-2 Group Counter: 1	
Costing data	
Cstg Lot Size: 1 EA	

Click on confirm

Ashraf.fico@gmail.com

Repeat The Same Process

Bill Of Material Usage - 1 Alternative - 2 Routing Task List - N Group - <System Will Auto update> Group Counter - 2 Costing Data Cstg Lot Size - 1 Confirm

Save

< SAP	Display Procurement Alternative
✓	
<pre>* Material: DELL-DSK-M-2706 * Plant: NTT1 Plant-Hyd-NTT1 Valuation Type: > Names</pre>	ত্র Dell-Desktop-Model-2706
Generated Name: BOM:1/02 Routing:N/50000275/0	2
Changeable Name: Process-2	
Characteristics Process Cat.: Production	
Usage: 1 Production Alternative: 2	

Scroll Down

Task List Type: N	Routing	
Group: 5	0000275 Dell-Desktop-Model-2	
Group Counter: 2		
ing data		

Save

It will look like this

< SAP		Display Procurement Alternatives				
∑ ✓ More∨	N					
* Material: DELL-DSK-M-2706	4	Dell-Desktop-Model-2706				
* Plant: NTT1 Plant-Hyd-NTT1						
valuation type.						
List of Procurement Alternatives	Lot Size	Unit				
∨ □ Production						
	1	EA				
	1	EA				

Save

09. Define Mixing Ratios - CK94

SAP Menu > Accounting > Controlling > Product Cost Controlling > Product Cost Planning > Material Costing > Master Data for Mixed Cost Estimate > Mixing Rations > CK94 - Create/Change

Material - DELL-DSK-M-2706

Plant - NTT1 <u>Mixing Ratio</u> Period -Fiscal Year - 2021 QtyStrut. Type - MIX

< SAP	Change Mixing Ratios
/nck94 V More V	
* Material: DELL-DSK-M-2706	
* Plant: NTT1	
Mixing Ratio	
Period: 10	
Fiscal Yr: 2021	
* QtyStruct. Type MIX	

Press Enter

Here we can create the mixing ratios for the material per qty structure type. Since our Qty Structure type "MIX" is based on fiscal year, here we only need to enter the "Fiscal Year" information.

If it's based on period, we need to create the mixing ratios for each period.

< SAP				Change Mixing Ratios
✓ Q Details for	or Alternative	🗑 Delete	5	Mixing Ratios Only More \vee
Material: DELL-DSK-M-	2706			Dell-Desktop-Model-2706
Plant: NTT1 Pla	nt-Hyd-NTT1			
Fiscal Year: 2021				
Qty Structure Type: MIX Mi	xed Costing			
			N	
			S	
Mixing Ratio of Procurement Alt	ernatives			
III PCat Changeable Name	Lot Size VUM	QtyStrDate	MR	Mixing Ratio
BF Process-1	1EA	05.01.2022	~	70,000
BF Process-2	1EA	05.01.2022		30,000
Miving strat	ACH MTY	create	d	
Mixing strat	egy MIX	create	su,	

Save

10.Display Mixing Ratios For The Procurement Alternatives - CK95 Material - DELL-DSK-M-2706 Plant - NTT1 <u>Mixing Ratio</u> Period -Fiscal Year - 2021 QtyStruct Type - MIX

<	SAP					ļ	Display Mixing Ratios
	~	Q Detai	ils for Alternati	ve	More ~		
	Material	DELL-D	DSK-M-2706				ell-Desktop-Model-2706
	Plant	: NTT1	Plant-Hyd-NTT1				
	Fiscal Year	: 2021					
Qty	Structure Type	: MIX	Mixed Costing				
ixin	a Ratio of Proc	urement	Alternatives				
PCat	Changeable Name		Lot Size	VUM	QtyStrDate	MR	Mixing Ratio
BF	Process-1			1EA	05.01.2022		70,000
BF	Process-2			1EA	05.01.2022	2	30,000

Here all the procurement Alt created via **CK91N** will be displayed.

And you can assign the mixing radio to them as you want.

– <u>MR indicator</u>

Set this indicator if you want to include a procurement alternative in mixed costing. It will ensure this procurement alt will be included in a mixed costing (even with a weighting of 0).

– Mixing Ratio

This is the most import figure in this transaction. You can enter equivalence numbers or percentages. But if "Percent validation" is ticked for the qty structure type, the sum of the existing mixing ratios must totals 100%.

For Process Category

Production

You can choose to create procurement alternatives for **in-house production** either with production versions or by using the **BOM and Routing**.

11. Creating Cost Estimate - CK11N

Material - DELL-DSK-M-2706 Plant - NTT1 Costing Data Costing Variant - N1 Costing Version - 99 Costing Size -Transfer Control - PC01

<u>*</u> <u>Material</u> :	DELL-DSK-M-	-2706			
* Plant:	NTT1				
Val. туре:					
Costing Data Da	ates Qty	Struct.			
Costing Var	iant: <u>N1</u>				
Costing Ver	sion: 99				
Costing Lot	Size:				
Transfer Con	trol: PC01				
🔽 🔤 cost estima	ate is being	saved			
Press Enter					
System Will Dis	splay the	Following Scr	een		
≡ Create Materia	l Cost Est	imate with Quanti	ty Structure		
< SAP			Create Material Cos	t Estimate with Quan	tity Structure
	✓ 6∂ Mor	e∨			
Material:	DELL-DSK-M-	2706	Dell-Desktop-Mc	de1-2706	
Plan	NTT1				
Val. Type:					
Costing Data Da	ates Qty	Struct.			
* Costing Dat	te From: 05.	01.2022			
		01.2022			
* Costing I	Date To: 31.0				
* Costing (Date To: 31.0				
* Costing I * Qty Structur	Date To: 31.0	01.2022			

Note - The System Will Auto Update The Dates Press Enter

< SAP	Create Material Cost Estimate with Quantity Structure
69	$ ightarrow$ Costing Structure Off Detail List On ${\begin{subarray}{c} \begin{subarray}{c} subara$
	* Material: DELL-DSK-M-2706 Dell-Desktop-Model-2706
Costing Structure	* Plant: NTT1
v Dell-Desktop-Model-27	✓ Mixed Costing
> Process-1	Val Timar
> Process-2	var. type:
	Costing Data Dates Qty Struct. Valuation History Costs
	* costy Based on: 1 Costing Lot Size ∨ 100 EA
	Cost Component View Total Fixed Variable Crcy
	Cost of Goods Manufac 2.300.100 336.600, 1.963.500 INR
	Cost of Goods Sold 2.300.100 336.600, 1.963.500 INR
	Sales and Administrat 0,00 0,00 0,00 INR
	Inventory (Commercial) 2.300.100 336.600, 1.963.500 INR
	Inventory (Tax-Based) 2.300.100 336.600, 1.963.500 INR

< SAP	Cre	eate Mater	ial Cost (Estimate w	ith Qua	ntity Structure
66	> Costing Structure Of	f Detail	List On	gi Hold [] More	~
	* Material: DELL-D	<u>SK-M-2706</u>		D	ell-Desk	top-Model-2706
Costing Structure	* Plant: NTT1					
∨						lixed Costing
> Process-1	Val. Type:					
	Costing Data Dates	Qty Struc	t. Valu	ation H	istory	Costs
	* Costs Based On	:2 Price U	nit	~ 1		
	Cost Component View	Total	Fixed	Variable	Crcy	
	Cost of Goods Manufac	23.001,00	3.366,00	19.635,00	INR	
	Cost of Goods Sold	23.001,00	3.366,00	19.635,00	INR	
	Sales and Administrat	0,00	0,00	0,00	INR	
	Inventory (Commercial)	23.001,00	3.366,00	19.635,00	INR	
	Inventory (Tax-Based)	23.001,00	3.366,00	19.635,00	INR	
	1 Cost of Goods Manufac	tured	~ Q	1 A	Partner	

Note - Change Cost Based On - 2 price Unit

Now Expand - Process-1 and Process-2

< SAP	Cr	eate Mater	ial Cost I	Estimate w	ith Qua	antity Structure
✓ 6∂	< > Costing Structu	re Off De	tail List (on 🔄 Hold	i i	More ~
♥ ♠ Q @ ∨ ௯ ∨	<u>*</u> Material: DELL-	DSK-M-2706		D	ell-Desl	ktop-Model-2706
Costing Structure	* Plant: NTT1					
V Dell-Desktop-Model-27	Proc. Alt.: Proce	ss-1				
V Process-1	Val Type:					
Hardware ⁵	van Type.		-			
V Process-2	Costing Data Dates	Qty Struc	t. Valu	ation H	istory	Costs
	* Costs Based O	n: 2 Price U	Init	~ 1		EA (2) 000
	Cost Component View	Total	Fixed	Variable	Crcy	
	Cost of Goods Manufac	26.466,00	3.366,00	23.100,00	INR	
	Cost of Goods Sold	26.466,00	3.366,00	23.100,00	INR	
	Sales and Administrat	0,00	0,00	0,00	INR	
	Inventory (Commercial)	26.466,00	3.366,00	23.100,00	INR	
	Inventory (Tax-Based)	26.466,00	3.366,00	23.100,00	INR	
	1 Cost of Goods Manufa	ctured	~ @	B & A	Partner	
0						

< SAP	Cr	eate Mater	ial Cost B	Estimate w	ith Quan	tity Structure
68	< > Costing Structure	re Off Det	tail List (on 🔄 Hold	d i m	lore V
Costing Structure Costing Structure Dell-Desktop-Model-27 Frocess-1 Hardware Process-2	<u>Material</u> : <u>DELL-I</u> * Plant: NTT1 Proc. Alt.: Proces Val. Type: Costing Data Dates	DSK-M-2706 ss-2 Qty Struc	t. Valu	ation H	ell-Deskt istory	cop-Model-2706
i software	* Costs Based Or	n: 2 Price U	nit	~ 1		EA 0 000
	Cost Component View	Total	Fixed	Variable	Crcy	
	Cost of Goods Manufac Cost of Goods Sold Sales and Administrat Inventory (Commercial) Inventory (Tax-Based)	14.916,00 14.916,00 14.916,00 14.916,00	3.366,00 3.366,00 3.366,00 3.366,00 3.366,00	11.550,00 11.550,00 11.550,00 11.550,00 11.550,00	INR INR INR INR Partner	
0						

Select Process-2

Select Process-1 - Hardware

< SAP	Create Material Cost Estimate with Quantity Structure	
63	\langle \rangle Costing Structure Off Detail List On $\begin{tabular}{lllllllllllllllllllllllllllllllllll$	
	* Material: HARDWARE Hardware	
Costing Structure	* Plant: NTT1	
v 🖩 Dell-Desktop-Model-27	Val. Type:	
V Process-1	Contine Date Dates Oty Chaust Malustian Mistory Conta	
📕 Hardware	Costing bata bates dry struct. Valuation History Costs	
∨ 🗒 Process-2		
📕 software	* Costs Based On: 2 Price Unit 🗸 1 EA 🕘 👓	0
	Q	
	Cost Component View Total Fixed Variable Crcy	
	Cost of Goods Manufac 20.000,00 0,00 20.000,00 INR	
	Cost of Goods Sold 20.000,00 0,00 20.000,00 INR	
	Sales and Administrat 0,00 0,00 0,00 INA	
	Inventory (Commercial) 20.000,00 0,00 20.000,00 INR	
	Inventory (Tax-Based) 20.000,00 0,00 20.000,00 INR	
	1 Cost of Goods Manufactured v Q 🔀 🕺 Partner	

< SAP	Cri	eate Material	Cost	Estimate w	ith Quan	tity Structure
68	< Costing Structure Of	f Detail Lis	t On	gi Hold 👔	More ~	e de la companya de l
♥ ♥ ♥ @ ∨ 暇 ` •	<u>*</u> Material: <u>SOFTWA</u>	RE		s	oftware	
Costing Structure	* Plant: NTT1					
V Dell-Desktop-Model-27	Val. Type:					
∨ Trocess-1	Costing Data Dates	Oty Struct	Valu	lation Hi	story	Costs
Hardware	costing bata bates	Quy Struct.	vare		scory	
✓ ■ Process-2						
🗐 software	* Costs Based On	: 2 Price Unit		~ 1		EA DI COM
		- B - I				
	Cost Component View	Total	Fixed	Variable	Crcy	
	Cost of Goods Manufac	10.000,00	0,00	10.000,00	INR	
	Cost of Goods Sold	10.000,00	0,00	10.000,00	INR	
	Sales and Administrat	0,00	0,00	0,00	INR	
	Inventory (Commercial)	10.000,00	0,00	10.000,00	INR	
	Inventory (Tax-Based)	10.000,00	0,00	10.000,00	INR	N
						5

Select Process-2 - Software

12. <u>Analysis Report</u> <u>Material - Dell-DSK-M-2706</u>

Raw Material-1 - Hardware - Cost is Rs.20,000 Process-1 Cost - 26,466

Raw Material-2 - Software - Cost is Rs.10,000 Process-2 Cost - 14,916

Final Mixed Cost for DELL-DSK-M-2706

Process-1 - 70% = 26,466 x 70% = 18,526.20 Process-2 - 30% = 14916 x 30% = 4,474.80

Total = 23,001.00

✓ 6∂	> Costing Structure Off Deta	il List On 🔄 Hold 👔	More ∨
	* Material: DELL-DSK-M-270	06 Del	1-Desktop-Mode1-2706
Costing Structure	* Plant: NTT1		
V 🖩 Dell-Desktop-Model-27			V Mixed Costing
V 📰 Process-1	Val Type:		
🗐 Hardware	val. Type.		
V Process-2	Costing Data Dates Qty St	ruct. Valuation His	tory Costs
software			
	* Costs Based On: 2 Pric	e Unit 🗸 1	EA 00
		I	
	Cost Component View	tal Fixed Variable C	rcy
	Cost of Goods Manufac 23.001,0	0 3.366,00 19.635,00 1	INR
	Cost of Goods Sold 23.001,0	0 3.366,00 19.635,00 1	INR
	Sales and Administrat 0,0	0,00 0,00 1	INR
	Inventory (Commercial) 23.001,0	0 3.366,00 19.635,00 1	INR
	Inventory (Tax-Based) 23.001,0	0 3.366,00 19.635,00 1	INR

Please Check The Price Before Update Material - Dell-DSK-M-2706

<u> </u>		Cha	ange Mater	ial DELL-	DSK-M-27	06 (Finished	l Product)
> Ⅰ	Additional Data	🖁 Org. Lev	vels 🖞 C	neck Scree	n Data	🔒 More 🗸	
<pre>Costing 1 Costing 1 Costing</pre>	2 Plant stock	stor. lo	c. stck	WM Execu	tion W	M Packaging	Seg. Valuation Data
Material: DELL-DSK-M-2706					i		
Descr. Dell-Desktop-Mo	de1-2706				68]	
Plant. NIII Plant-nj							
Standard Cost Estimate							
Cost Estimate	Future	Curr	ent	Pre	vious		
Period / Fiscal Year:	0	0		0			
Planned Price:		0,00		0,00			
	Standard price:	1,00					

Mark and Release Cost Estimation - CK24

SAP Menu > Accounting > Controlling > Product Controlling > Product Planning > Material Costing > Price Update

=				
	SAP		Price Update: Mark	Standard Price
Ľ	~	💠 🗊 🕞 🖏 Release	δ_0^3 Other Prices More \vee	
	Posting Peri	od/Fiscal Year: 10 2021	> Marking Al	lownce
		Company Code: NTT1	to:	
		Plant: NTT1	to:	đ
		Material:	to:	đ
Clic	k on Mark All			
Sel Giv	ect fou CoCd e	- IN		
Cos	sting Variant -	N1		
Cos	- Posting Peri	.99 iod/Fiscal Year: 10 2021		
	rooting for			
Q			· 图~ 圈 ~ II 68 ※ 5	
Exe	Company Code	Valuation View	Costing Version Releas	ed
	CAPG	Legal Valuation		
٠	<u>D010</u>	Legal Valuation		
•	DIND	Legal Valuation		
	FBHM TPS	Legal Valuation		
	IMTR	Legal Valuation		
	NTT1	Legal Valuation	99	
	SPIL	Legal Valuation		
Bad	:k			
Scr	oll Down			
val	uation view			
	h	🕹 Legal Valuation: 🔽		
		Group Valuation: 🔽		
	Profit	Center Valuation: 🔽		
Pro	cessing Options			
		Test Run: 🔽		
		With List Output: 🔽		
	Parallel Processi	ng		
	Backg	round Processing:		
Fve	ocute			
	oule			

Use	r-defined mes	sagesPri	ce Update		
Q	≜ ₹ Q q	γνΙΣ	\vee $\frac{1}{1}$ \vee	₽ 6 ∨	
Lig	Message Process	Msg Type	Area	Message	Message Text
		Ī	<u>CK</u>	<u>790</u>	*************** Summary &1: ***********************************
I		Ī	<u>CK</u>	<u>705</u>	Of &2 materials, &1 cost estimates were updated successfully

Remove Test Run and Re-Execute

<u>Check The Material Price</u> Material - Dell-DSK-M-2706 Note - The Price is Updated in Planned Price

<u>⊪</u> ≺ SAP	Change Material DELL-DSK-M-2706 (Finished Product)
\checkmark (3) \rightarrow Additional Data (2) org.	. Levels \mathfrak{P} Check Screen Data $ frac{1}{2}$ More \vee
<pre>< @ Costing 1 @ Costing 2 Plant stock Stor.</pre>	. loc. stck WM Execution WM Packaging Seg. Valuation Data
Material: DELL-DSK-M-2706	I
Descr. Dell-Desktop-Model-2706	60
Plant: NTT1 Plant-Hyd-NTT1	
Standard Cost Estimate	
Cost Estimate Future	Current Previous
Period / Fiscal Year: 10 2021 0	0
Planned Price: 23.001,00 0,00	0,00
Standard price: 1,00	
Back - CK24 Click on Release and Execute	
	Price Update: Mark Standard Price
✓ I ⊙ Release	🖏 Other Prices More 🗸
Posting Period/Fiscal Year: 2021	Marking Allownce
Company Code: NTT1	to:
Plant: NTT1	to:
Material: DELL-DSK-M-2	2706 to:
Execute	

<		S	AP														Price Upo	ate					
				~	Q	110			7	⊞	睭	暇	i	6	N.	Error	Managemen	t	More 🗸			Q	
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Exe	Material	Plant	Valuati	Costin	Standard price	Price unit Currency	Valuation View	Document Number	Description	Va1	Le Le	
	DELL-DSK-M-2706	NTT1		FR	23.001,00	1 INR	Legal Valuati	300000337	Dell-Desktop-Model-2706	EA	OL 10	,

Check The Material Price Material - Dell-DSK-M-2706

Note - The Price is Updated From Planned Price To Standard Price

Costing 1 @ Costing 2 Plant stock Stor. loc. stck WM Execution WM Packaging Seg. Valuation Data

cr. Dell-Desktop-Mod	de1-2706		68 🚺		
Plant: NTT1 Plant-Hy	d-NTT1				
Cost Estimate					
t Estimate	Future	Current	Previous		
t Estimate Period / Fiscal Year: C	Future	Current	Previous 0		
Estimate Period / Fiscal Year: C Planned Price:	Future	Current 10 2021 23.001,00	Previous 0 0,00		

Create Production Order - CO01

< SAP					Production	order C	reate: Heade	r		
	- P D	.	🖟 Material 🚿	Capacity	Operati	ons 🛃	Components	Documents	🔋 Sequences 🛯 🕅	More \vee
Order: 9	60000000000	0							Type: NTT1	
Material:	DELL-DSK-M-27	06			Dell-Desktop	-Model-2	706		Plant: NTT1	
Status: (CRTD MANC OPG	N SETC			i					
General Assign	nment Good	ls Rece	ipt Control	Dates,	/Qties Mas	ster Data	a Long Tex	d Administr	ation Items	Fast Entry
Quantities										
* Total Qty:	10		EA Scrap	Portion:			0,00 %			
Delivered:	0		Short/E	xc. Rcpt:	0					
Dates/Times										
	Basic Dates		Scheduled		Confirmed					
End:	05.01.2022	24:00	05.01.2022	24:00	[9				
Start:	05.01.2022	00:00	05.01.2022	24:00		00:00				
Release:			05.01.2022							
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Once You (Click the	Rele	ease							
		9	🗟 Material	් Capac	ity 🗏 Oper	rations	🛃 Componen	ts 🗐 Documen	ts 🔋 Sequences	∭ More∨
🔽 Release ca	rried out (Please	check log)							

Purchase order

Enter a vendor and the relevant purchasing org in the initial screen.

In the cost estimate for a procurement alternative with reference to a vendor, strategy "L" (price from purchasing info record) is always automatically set to highest priority strategy.

You can also create an unspecified procurement alternative.

To do this, do not enter a vendor or a purchasing organization. The material is then valuated with the prices in the material master and not using the purchasing info record. **Subcontracting**

In this case the system will require you to enter the information on the BOM, Vendor and Purchasing org.

Stock transfer

You'll be required to enter the source plant

1. Define The Quantity Structure Type - OMXA

SPRO > Img > Controlling > Product Cost Controlling > Product Cost Planning > Selected Function in Material Costing > Mixed Costing > Define Quantity Structure Types > Define Quantity Structure Types for Mixed Costing > New Entries

<	SAP	5	Change View "Quantity structure types for mixed costing": Overview			
	∼ Ne	ew Entries	li ⊙ 5 ii ii ii ii ii More∨	Ē	6∲Display	Exit
QtStT	Time Depend	Perc.Valid	Name			
MIX	1		Mixed Costing			

Time Dependency

This controls the time period in which the quantity structure will be used. It can be time independent, based on fiscal year, or based on each period.

Percent validation

Tick this indicator if you want to ensure that the sum of the existing mixing ratios for a material and quantity structure type totals to 100%.

2. Define Costing Version

SPRO > Img > Controlling > Product Cost Controlling > Product Cost Planning > Selected Function in Material Costing > Mixed Costing > Define Costing Version > New Entries

SAP		Change View	"Costing	versior	ns": Ove	erview of Selected Set	
→ Mor	e∨						
		2					
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osting Versions							
osting Versions Costing Version	Costing Type	↓ Valuation Variant	Varia	Exch	Qty S	Description	
Costing Versions	Costing Type	↓ Valuation Variant	Varia	Exch	Qty 5	Description Standard CE Version	
Costing Versions	Costing Type 01 19	↓ Valuation Variant	Varia	Exch	Qty S MIX	Description Standard CE Version Standard CE Version	

The mixed costing will be called with the qty structure type MIX, when costing version = 1 & costing type = 19, or when costing version = 99 & costing type = 01 & valuation variant = 001.

The system will not do mixed costing for the other combinations of costing version & costing type & valuation variant.

In this transaction, you can also define:

- Variant for transfer price determination
- Exchange rate type for currency translation

The configuration for the costing version can also be checked via costing variant configuration (**OKKN**).

Costing Var	iant: N1	Standard Cost Est(Mat)
Control Qty Struct.	Addit	ive Costs Update Assignments Misc.
Costing Type	01	1 Standard Cost Est. (Mat.) 🗸 🗸 🗸
Valuation Variant	00	01 Planned Valuation: Mat-N1 $$
Date Control	PC	C01 Std Cost Est Month 🗸
Oty Struct, Control		C01 Std Oty Structure Ctrl 2
Transfer Control		CO1 Transfer w/ Plant Change
Peference Variant		
Kererence varrant		~
n the Assignment tab, click t	he costing	y version button.
Cost Component St	ructure	
Costing Versi	on	
Cost Comp. Split in Contr	. Area Curr	rency
Cross-Company Co	sting	
Assigned costing version	15	」 @ 罠 ✓ 回 ✓ 職 ✓ I I /Struct. Ty. Description
88		Version w/o Customizing
89		Version w/o Customizing
90		Version w/o Customizing
91		Version w/o Customizing
92		Version w/o Customiz grg
93		Version w/o Customizing
94		Version w/o Customizing
95		Version w/o Customizing
96		Version w/o Customizing
97		Version w/o Customizing
98		Version w/o Customizing
99	MIX	X

It's a more convenient way as the configuration is based on the combination.

You'll see for the costing variant PPC1 (costing type 01, valuation variant 001), costing version 99 is assigned the qty structure type "MIX".

< SAP	Create Material Cost Est	imate with Quantity Struc	ture		
63 🗸	> Costing Structure Off Detail List Off	Hold 👔 🕑 More 🗸			
Costing Structure	• Material: DELL-DSK-M-2700 • Plant: NTTL Val. Type:	Dell-Desktop-Model-27	700		
🗑 software	Costing Data Dates Qty Struct. Valuati	on History Costs			
	* Costs Based On: 1 Costing Lot Size	∨ 1 EA	00		
	Itemization for material DELL-DSK-M-2700 in p \bigcirc \Rightarrow \bigcirc	G∨ ₩ ∨ [] Ø			
	ItmNo ItResource	Cost Eleme n	Total Value	Fixed Value COCr	Quar
	2 M NTT1 HARDWARE 400000 3 M NTT1 SOFTWARE	400000 400000	20.000,00	0,00 INR 0,00 INR	
	4 E PACKING PAKING PACKIN	970002	1.020,00	1.020,00 INR	
	5 E QUALITY QUALITY QUALIT	970002	1.020,00	1.020,00 INR	
	6 G N1-PROCURE 980000	980000	1.500,00	0,00 INR	
	7 G COMM CC 980001	980001	3.456,00	306,00 INR	
			38.016,00 ·	3.366,00 INR	
	\odot				

Check The Material Master - The Amount is not yet updated

< 3 →	Additional Data	S Org. Levels	Check Screen Da	ta A More V	
Costing 1 Costing	2 Plant stock	Stor. loc. st	ck WM Execution	WM Packaging	g Seg. Valuation Data
Material: DELL-DSK-M-2700	-		ſ	1	
Placer fall. DELL DOR H LTOU			1	1	
escr. Dell-Desktop-Mod	de1-2700		6	5è 🚺	
Plant: NTT1 Plant-Hy	de1-2700		6	8	
Plant: NTT1 Plant-Hy	de1-2700 d-NTT1			53	
Plant: NTTI Plant-Hy	del-2700 d-NTT1				
escr. Dell-Desktop-Mo Plant: NTTI Plant-Hy candard Cost Estimate	del-2700 d-NTT1 Future	Current	Previous		
escr. Dell-Desktop-Mou Plant: NTTI Plant-Hy tandard Cost Estimate Cost Estimate Period / Fiscal Year:	del-2700 d-NTT1 Future	Current	Previous 0	50 ()	
escr. Dell-Desktop-Mou Plant: NTT1 Plant-Hy tandard Cost Estimate Cost Estimate Period / Fiscal Year: Planned Price:	del-2700 d-NTT1 Future	Current 0 0,00	O 0,00		

Material - DELL-DSK-M-2700 <u>Costing Data</u> Costing Variant - N1 Costing Version - 99 Costing Size -Transfer Control - PC01

* Material: DELL-DSK-M-2600
* Plant: NTT1
Val. Type:
Costing Data Dates Qty Struct.
<pre>* Costing Variant: N1 Costing Version: 99 Costing Lot Size: Transfer Control: PC01</pre>
Press Enter
Costing Data Dates Qty Struct.
<pre>* Costing Date From: 28.12.2021 * Costing Date To: 31.12.2021</pre>
* Qty Structure Date: 28.12.2021
* Valuation Date: 28.12.2021 Default Values

Press Enter

Note - The System will Auto Update the Current System Date

< SAP	Create Mater	rial Cost Estimate w	ith Quantity	y Structure					
63 ~	> Costing Structure Off De	etail List Off 🖉 Ho	ld i More	e∨		Ex			
★ A B K B K Costing Structure	<pre>* Material: DELL-DSK-M- * Plant: NTT1</pre>	2600	Dell-Desk	top-Model-2600					
<pre>> ■ Dell-Desktop-Model-26 > ■ Process-1 > ■ Process-2</pre>	♥ Mixed Costing Val. Type: Costing Data Dates] Qty Struct. Valuation History Costs								
	Itemization for material DELL-DSK-M-2600 in p $\bigcirc \equiv = \bigcirc \bigcirc \bigcirc \bigtriangledown \lor \lor \Sigma \lor \checkmark \lor \lor \bigoplus \boxtimes \lor \boxtimes \lor \blacksquare $								
	ItmNo ItResource	Procurement Alter	Cost Eleme	E Total Value E	Fixed Value COCr	Quantity Un			
	1 M NTT1 DELL-DSK-M-2600	BOM:1/01 Routing:N/	400003	2.105.940	26.940 INR	60 EA			
	2 M NTT1 DELL-DSK-M-2600	BOM:1/02 Routing:N/	400003	2.789.960	17.960 INR	40 EA			
				· 4.895.900 ·	44.900 INR				

Scroll Down above First Screen - To get the below values

≡ Create Material Cost	Estimate with Quantity Struct	ture				< 1	_ 🗗 ×		
< SAP	Create Mater	rial Cost Estimate w	ith Quantity :	Structure					
68	> Costing Structure Off De	etail List Off 🖉 Ho	ld i More	/			Exit		
★ < Q @ < \$\$	Inventory (Tax-Based) 4.895	.900 44.900 4.851	.000 INR						
Costing Structure									
✓ ■ Dell-Desktop-Model-26	1 Cost of Goods Manufactured	~ Q ₩ &	Partner						
	 Itemization for material DELL-DSK-M-2600 in p								
			 ₩ ₩ ₩ 	(§)					
	ItmNo ItResource	Procurement Alter	Cost Element	E Total Value E	Fixed Value COCr	Quantity Un			
	1 M NTT1 DELL-DSK-M-2600	BOM:1/01 Routing:N/	400003	2.105.940	26.940 INR	60 EA			
	Z M NITI DELL-DSK-M-2600	BOM.1/02 ROUTING:N/	400005	· 4.895.900 ·	44.900 INR	40 EA			

Select and Double Click on - Process-1

Costing Structure	Cost Component View	Total	Fixed	Variable	Crcy				
	Cost of Goods Manufac	35.099	449	34.650	INR				
Dell-Desktop-Model-26	Cost of Goods Sold	35.099	449	34.650	INR				
> Process-1	Sales and Administrat	0	0	0	INR				
> m Process-2	Inventory (Commercial)	35.099	449	34.650	INR				
	Inventory (Tax-Based)	35.099	449	34.650	INR				
	Itemization for material [DELL-DSK-M-	2600 in p						
		$\Sigma \lor \Sigma'_{\Sigma} \lor$	e E~	· ⊡ ~ ₼	✓ i .				
	ItmNo ItResource		Cost Eleme	e e To	otal Value 🛛	Fixed Value	COCr	Quantity	Un
	1 E ASSEMBLING ASSEMB	I ASSEMB	970002		102	102	INR	1	MIN
	2 M NTT1 HARDWARE		400000		20.000	0	INR	1	EA
	3 M NTT1 SOFTWARE		400000		10.000	0	INR	1	EA
	4 E QUALITY QUALIT	QUALIT	970002		204	204	INR	1	MIN
	5 E PACKING PAKING	PACKIN	970002		102	102	INR	1	MIN
	5 E PACKING PAKING 6 G N1-PROCURE 980000	PACKIN	970002 980000		102 1.500	102 0	INR INR	1	MIN
	5 E PACKING PAKING 6 G N1-PROCURE 980000 7 G COMM CC 980001	PACKIN	970002 980000 980001		102 1.500 3.191	102 0 41	INR INR INR	1	MIN

Select Process and Double Click

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♥ ♠ Q @ ∨ ቚ ∨		₩ ~ Li								
	Cost Component View	Total	Fixed	Variable	Crcy					
Costing Structure	Cost of Goods Manufac	69.749	449	69.300	INR					
V Dell-Desktop-Model-26	Cost of Goods Sold	69.749	449	69.300	INR					
> Process-1	Sales and Administrat	0	0	0	INR					
> Process-2	Inventory (Commercial)	69.749	449	69.300	INR					Ν
	Inventory (Tax-Based)	69.749	449	69.300	INR					43
	· · · · · · · · · · · · · · · · · · ·									
	Itemization for material DELL-DSK-M-2600 in p									
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	1 E ASSEMBLING ASSEMB	LI ASSEMB	970002		102	102	INR	1	MIN	
	2 M NTT1 HARDWARE		400000	4	0.000	0	INR	2	EA	
	3 M NTT1 SOFTWARE		400000	20.000		0	INR	2	EA	
	4 E PACKING PAKING	PACKIN	970002		102	102	INR	1	MIN	
	5 E QUALITY QUALIT	Y QUALIT	970002		204	204	INR	1	MIN	
	6 G N1-PROCURE 980000		980000		3.000	0	INR			
	7 G COMM CC 980001		980001		6.341	41	INR			
				• 6	9.749	449	INR			