Supplier Relationship Management (SRM) 7.2

Options to Header Freight on Purchase Order - Unplanned Freight Cost

SCES

SAP for Public Sector does not support adding freight at the Header level of an SRM 7.2 Purchase Order (PO) whether an Inventory Purchase Order or Non-Inventory Purchase Order. To ensure payments are made in a timely manner, and inventory is accurately recorded, freight can be added by using the "Unplanned Delivery Cost" under the MIRO details tab.

When using "Unplanned Delivery Cost" in Accounts Payable (AP), freight will split on each line item according to the price value.

In Example 1 below, the PO is being processed for \$6,782.07 plus \$200.00 "Unplanned Delivery Cost." When keying the MIRO, Accounts Payable personnel should always check "Calculate tax" box to allow the system to populate the "Tax amount" field. In this example, the amount includes the values from the GR/IR, taxes, plus \$200.00 for the "Unplanned Delivery Cost." Notice the red message on the "Balance" indictor in Example 1 below.

1. To prepare the "Unplanned Delivery Cost" entry, unselect "Calculate tax" and then click the "Details" tab.

Enter Incom	ning Invoice: Co	ompany Code SC01				
Show PO structure	e Show worklist	පී Hold 🔛 Simulate 🌶	Messages	Help		
Transaction	Invoice	v		CO Balance	200.00 USD	
Basic data	Payment Details	Tax Contacts Note		Vendor 70000045	8	
Invoice date Posting Date	01/23/2014	Reference 123456		RGB TERPWORKS 1195 SAINT MATTH ORANGEBURG SC 2	HEWS ROAD PMB 252 29115	
Amount Tax amount Text	6,982.07 502.37 test Muitipile Freight L	USD Calculate ta I1 (A/P Sales Tax)	x #	(803) 837-8157 団	7 🔒 (803) 536-20	157
Paymt terms	22 Days net					IO II
Baseline Date	01/23/2014					
Company Code	SC01 State of South	Carolina Columbia, SC	-			
PO Reference	G/L Account					
Purchase Order/Sch	neduling Agreement 👻	4500037232	•		Goods/service items	-
			_	Layout	All information	•
Item Amour	nt Quantit	y O 😺 Purchas	se Item	PO Text		Tax Cod
1	2,610.65	1 EA 🔲 450003	7232 1	CONTROLLER, TRAFFIC, 2	2070L,LOCAL	I1 (A/I 🔷
2	3,669.05	1 EA 🗌 450003	7232 2	CONTROLLER, TRAFFIC, 2	2070L,MASTER	I1 (A/I

Example 1

March 4, 2014 1 This message is a coordinated effort between the SCEIS Materials Management and Financial Management Teams. 2. Go to the "**Details**" tab using MIRO as shown in Example 2 below.

Example 2

Enter Incom	ing Invoice: C	ompany Code SC01				
Show PO structure	Show worklist	🕆 📔 Hold 🔛 Simulate 📄	Messages	🚹 Help		
Transaction	Invoice	•		💭 Balance	200.00 USD	
Basic data	Paymen <mark>t Details</mark>	Tax Contacts Note		Vendor 7000000458 RGB TERPWORKS	3	
Invoice date	01/23/2014	Reference 123456		1195 SAINT MATTH	EWS ROAD PMB 252	
Posting Date	01/23/2014			ORANGEBURG SC 2	9115	
Amount	6,982.07	USD Calculate ta	x			
Tax amount	502.37	I1 (A/P Sales Tax)	·	(803) 837-8157	(803) 536-20	57
Text	test Muitipile Freight	LIne Items		1		
Paymt terms	22 Days net		-			IO 🛅
Baseline Date	01/23/2014					
Company Code	SC01 State of South	Carolina Columbia, SC				
PO Reference	G/L Account					
Purchase Order/Sch	neduling Agreement 🔻	4500037232		G	Goods/service items	•
				Layout	All information	•
Item Amou	nt Quantit	y O 😺 Purcha	se Item	PO Text		Tax Cod
1	2,610.65	1 EA 📃 450003	7232 1	CONTROLLER, TRAFFIC, 2	070L,LOCAL	I1 (A/I 🔷
2	3,669.05	1 EA 🗌 450003	7232 2	CONTROLLER, TRAFFIC, 2	070L,MASTER	I1 (A/I

3. Add \$200.00 for Unplanned Delivery Cost in the "**Unpl. Del. Csts**" field as shown in Example 3. Then press "**Enter**" or select the green check [♥].

Example 3

now Fo su	ructure Show work	st 🖷 H	Iold 🚟 Simulai	te 🛛 🞑 Mes	sages	Help		
ansaction	Invoice		•			CO Balance	200.00 051	D
Basic dat	a Payment De	tails Tax	Contacts	Note		Vendor 7000000458		
Inpl. Del. Cst Currency Doc. Type	ts 200-00 USD RE (Invoice -	gross)	Exch. Rate	1.00000	8	RGB TERPWORKS 1195 SAINT MATTHEV ORANGEBURG SC 291	VS ROAD PMB 252 15	
			Bus. Area			(803) 837-8157	(803) 536-	2057
ssignment leader Text			G/L	2000010000	0			III 01
issignment leader Text			G/L	2000010000	0			II 01
eader Text	rence G/L Account		G/L	2000010000	0			10
PO Refer Purchase Ord	rence G/L Account der/Scheduling Agreen	nent 🔻 [450	G/L	2000010000	0	Goo	ods/service Items	<u>10 III</u>
PO Refer	rence G/L Account der/Scheduling Agreen	nent 🔻 [450	G/L	2000010000	0		ods/service items All information	III 01
PO Refer Purchase Oro Item	rence G/L Account der/Scheduling Agreen Amount d	nent ▼ 450 Quantity	G/L 00037232	2000010000	Item	Goo Layout PO Text	ods/service items All information	Tax Cod
PO Refer Purchase Oro Item	der/Scheduling Agreen	nent ▼ 450 Quantity	G/L 00037232	2000010000	Item 1	Goo Layout PO Text CONTROLLER, TRAFFIC, 207	ods/service items All information DL,LOCAL	Tax Cod I1 (A/1

March 4, 2014 This message is a coordinated effort between the SCEIS Materials Management and Financial Management Teams. 4. Notice that the **"Balance"** indicator in Example 4 is green and has a zero balance. You can now click **"Post"** to save your document.

Enter Incomi	ng Invoice: Comp	pany Code S	C01			
Show PO structure	Show worklist 🔰 🖷	Hold 📴 Simulat	e Messages 📘	Help		
Transaction 1 Basic data Pa	nvoice yment Details Ta:	x Contacts	Note	COD Balance Vendor 7000000458	0.00 USD	
Uppl Del, Csts	200.00			RGB TERPWORKS	FWS ROAD PMB 252	
Currency	USD	Exch. Rate	1.00000	ORANGEBURG SC 2	9115	
Doc. Type	RE (Invoice - gross)	 Inv. Party Bus. Area 	700000458	(803) 837-8157	(803) 536-20	157
Assignment Header Text		G/L	2000010000	T		II OI
PO Reference	G/L Account					
Purchase Order/Sche	duling Agreement 💌 🛛	500037232	-	Layout	Goods/service items All information	• •
Item Amount	Quantity	0 🐶	Purchase Item	PO Text		Tax Cod
2	3,669.05	1EA	<u>4500037232</u> 2	CONTROLLER, TRAFFIC, 2	070L,MASTER	I1 (A/I ▲ ▼

Example 4

5. After you check "**Post**," you should receive a <u>warning message</u> on Taxes, because earlier we selected do not calculate tax. With the warning message, the system is trying to let you know that what it is calculating on freight and what you selected earlier are not in sync.

Select the green check [©] through all line items.

Example 5 indicates a warning message *per line item*. You will receive as many warning messages as you have line items. In Example 5, there are two line items.

Company Code SCol State of South Carolina Calculate tax ExRt diff. 0.00 Tax data Amount Tax D C Tax base amount Tax Jur. 208.05 II O 2, 693.80 4107900000 203.52 II O 3,785.90 4107900000	Enter Account	nting Do	cument: Check	Tax Data	
Company Code SCO1 State of South Carolina Cakulate tax 0.00 Tax data 0.00 Amount Tax D C Tax base amount Tax Jur.					
Lake diff. 0.00 Tax data Amount Tax D C Tax base amount Tax Jur. 208.85 II 0 2,693.80 4107900000 293.52 II 0 3,785.90 4107900000	ompany Code	SC01 §	State of South Carolina		
Ext diff. 0.00 Amount Tax D C Tax base amount Tax Jur. 208.85 II 0.2,693.80 4107900000 293.52 II 0.3,785.90 4107900000	alculate tax				
Amount Tex D C Tax base amount Tax Jur. 208.85 II © 2,693.80 410790000 293.52 II © 3,785.90 410790000	Tax data			ExRt diff.	0.00
100.05 11 0 2,693.00 410790000 293.52 11 0 3,785.90 4107900000	Amount	Tax D C	Tax base amount	Tax Jur.	
II III III II II	208.85		2,693.80	4107900000	
	293.52	11 00	3,785.90	4107900000	_

Tax entered incorrect (code I1, amount)

208.85), correct

215.50 USD

6. After progressing through the last line item, you will receive an Invoice Document number. In Example 6, the document number is 5700885664.

	6	4 💷 🕰 🙆 🚱	፲፲ሬዚህ	ቶ ዮ ፲፱ 🖬 🙆 🔳		
·						
inter II	ncoming Invo	oice: Company	Code SC01			
how PO s	tructure Show wo	orklist 🛛 🔁 🗍 Hold	Simulate Mess	ages 🚹 Help		
nsaction	Invoice		~	CO Balance	0.00	
Pasis da	ta Daymont	Dataila Tay	antacta Nata			
Dasic ua		Decails Tax O	ontacts Note			
voice date	3	Referenc	e			
sting Date nount	2 01/23/201	.4	Calculate tax			
x amount	:	I1 (A/P 5	Sales Tax)			
xt						
mpany Co t No.	de SC01 State	of South Carolina Colu	mbia, SC			
PO Refe	rence G/L Accor	unt				
rchase Or	rder/Scheduling Agre	eement 🔻			Goods/service items	•
				Layout	All information	-
Item	Amount	Quantity	O 🥪 Purchase	Item PO Text		Tax Cod
						•
-						
_						
-						
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	1					7 F
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	음 ଟ Item	Searc	h Term		0 / 0	Items
	A Item	Searce	h Term		0 / 0	Items

7. To ensure that the freight was properly split, view the accounting document either through the Purchase Order History Tab or through the MIR4 on the accounting side. In Example 7, view of the 57 document number is through the Purchase Order. From the Purchase Order History tab, double click the **57 document number**. Then go to "Follow-On Documents."

Show PO structu	re Follow-On D	ocuments						
ansaction	Invoice	•		5700885664	4 201	4 Vander 700000450		
/ Basic data /	Payment Deta	ails Tax Conta	cts	Note		Vendor 700000458		
nvoice date	01/23/2014	Reference	1234	56		1195 SAINT MATTHEV	VS ROAD PMB 252	
mount	6,982,07	USD		culate tax			15	
ax amount	502.37	I1 (A/P Sales	Tax)	-		(803) 837-8157	(803) 536-2	2057
Text	test Muitipile Fre	ight LIne Items						
aymt terms	22 Days net							II OI
laseline Date	01/23/2014							
Company Code	SC01 State of S	outh Carolina Columbia,	SC					
PO Reference								
						Layout	All information	•
	unt Qu	uantity O.	🐶	Purchase	Item	PO Text		Tax Cod
Item Amo						CONTROLLER TRAFFIC 207		T1 (7/1 A
Item Amo	2,610.65	1 EA		4500037232	1	CONTROLLER, TRAFFIC, 2070	JL,LUCAL	11 (A/1 -

Example 7

8. Double click the "**Doc. Number**" shown beside the "**Accounting document**" line to open the financial document as indicated in Example 8 below.

Example 8



9. Note that the accounting document in Example 9 indicates that \$83.15 went to Line Item 1 and \$116.85 went to Line Item 2. The freight charge of \$200.00 was split in accordance with the price value of each line item.

Example 9

Data Entry Vew												
Document Number	8700003444	Company Code	8001	Fiscal X	war:	2014	0					
Document Date	01/23/2014	Posting Date	01/23/2014	Period		7						
Reference	123484	Cross-Comp.No.	Protocologica -	-								
Currency	UBD	Tests sont	0	Ledge	Group	1	1					
AND A REPORT OF THE	CONTRACTOR DE LA CONTRACTORIA	THE OWNER OF THE	The United States	000								
C A V	10 3. 2.3											
CoCd Izm PK A	count Ormit Zer	n Ek/Rev A/c	Description		Amount	Bush	Fund	Partner Fund	Grant	Cost Center	Functional Area	Funded
CoCd Itm PK - A SC 1 31 7	00 71 21.3	n Ex/Rev A/c	Description RGB TERPWORKS		Amount 6,062.07-	BusA U1	Fund	Partner Fund	Grant	Cost Center	Functional Area	Funded
CoCd Itm PK A SC 1 31 71 SC 2 86 2	00 71. 21. 3 count Orant Res 00000458 20000100 000010000 50340200	Ex/Rev A/c 00 03 1400010002	Description RGB TERPWORKS GR/IR CLEARING AC	E E	Amount 6,962.07- 2,819.50	BUSA U1U1	Fund 34919000	Partner Fund	Grant NOT RELEVA	Cost Center	Functional Area	Funded (
Cocci IIII PK - A SC 1 31 7 SC 2 86 2 SC 3 89 1-	00 7 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . 2 . 2 .	 Ex/Rev A/c 1400010002 1400010002 	Description RGB TERPWORKS GRUE CLEARING AC IM - BIV- OP SUP M	E CT	Amount 6,962.07- 2,819.50 83.15	BusA 01 01 01	Fund 34919000 34919000	Partner Fund	Grant NOT RELEVA NOT RELEVA	Cost Center	Functional Area U120_INVE U120_INVE	Funded I U120EHI U120EHI
Cold A ♥ Add Coold Itm PK - A SC 1 31 7 SC 2 86 2 SC 3 89 1 SC 4 86 2	Image: Construction	E Eu/Rev A/c 00 03 1400010002 03 1400010002	Description RGB TERPWORKS GRUTE CLEARING AC IM - BIV- OP SUP M GRUTE CLEARING AC	E E AT CT	Amount 6,982.07- 2,819.50 83.15 3,962.57	BusA 01010101010101_	Fund 34919000 34919000 34919000	Partner Fund	Grant NOT RELEVA NOT RELEVA	Cost Center	Functional Area U120_INVE U120_INVE U120_INVE	Funded I U120EHI U120EHI U120EHI
CoCd Izm PK - A SC 1 31 7 SC 2 86 2 SC 3 99 1 SC 4 86 2 SC 5 89 1	Image: Control of the state of the	 Ex/Rev A/c 1400010002 1400010002 1400010002 	Construction Real TEMPWORDS GRUTE CLEARING AC IM - BUV- OF SUP M - BUV- OF SUP M		Amount 6,982.07- 2,819.50 83.15 3,962.57 116.85	BusA 0101010101010101	Fund 34919000 34919000 34919000 34919000	Partner Fund	Grant NOT RELEVA NOT RELEVA NOT RELEVA	Cost Center	Functional Area U120_BVVE U120_BVVE U120_BVVE U120_BVVE	Funded (U120EHI U120EHI U120EHI U120EHI

10. Using the option of unplanned delivery cost through AP ensures the freight is paid and the freight charge is accurately impacting the Material Master's Moving Average Price. The Material Master's (136899) Moving Average Price was \$2,819.50 prior to the GR and MIRO. Now after adding unplanned delivery cost, in Example 10 below, the Moving Average Price is accurately reflected at \$2,833.36 to include the freight.

Example 10

👼 🛛 Display Ma	nterial 136899 (SC Material Maste	ers)
🔿 Additional Data 🛛 🖧 🤇	Drg. Levels		
// Plant data / stor. 2	Accounting 1	Accounting 2 Plant	stock Stor. loc
Material 136899 Plant DT02	CONTROL SC Dept o	LER, TRAFFIC, 2070L, LOCAL f Transportation	
General data			
Base Unit of Measure	EA each	Valuation Category	
Currency	USD	Current period	07 2014
Division	Zl	Price determ.	ML act.
Current valuation			
Valuation Class	Z002		
VC: Sales order stk		Proj. stk val. class	
Price control	V	Price Unit	1
Moving price	2,833.36	Standard price	0.00
Total Stock	6	Total Value	17,000.15
		🗌 Valuated Un	
Future price	0.00	Valid from	
Previous price	0.00	Last price change	
		Previous period/year	Std cost estimate

March 4, 2014

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11. The Material Master's (136875) Moving Average Price was \$3,681.82 prior to the GR and MIRO. Now after adding unplanned delivery cost, in Example 11 below, the Moving Average Price is accurately reflected at \$3,684.36 to include the freight.

👼 🕹 Display Ma	nterial 136875 (SC Material Masters)
🔿 Additional Data 🛛 🛱 🕻	Org. Levels	
// Plant data / stor. 2	Accounting 1	Accounting 2 Plant stock Stor. loc
Material 436875		LER, TRAFFIC, 2070L, MASTER
Plant DT02	SC Dept o	f Transportation
General data		
Base Unit of Measure	EA each	Valuation Category
Currency	USD	Current period 07 2014
Division	Z1	Price determ.
Current valuation		
Valuation Ches	7002	
	2002	
Price control	V	Price Unit
Moving price	3,684,36	Standard price 0.00
Total Stock	46	Total Value 169, 480.36
		Valuated Un
Future price	0.00	Valid from
Previous price	0.00	Last price change
		Previous period/year Std cost estimate

1. 11