

Supplier Relationship Management (SRM) 7.2

Options to Header Freight on Purchase Order - Unplanned Freight Cost

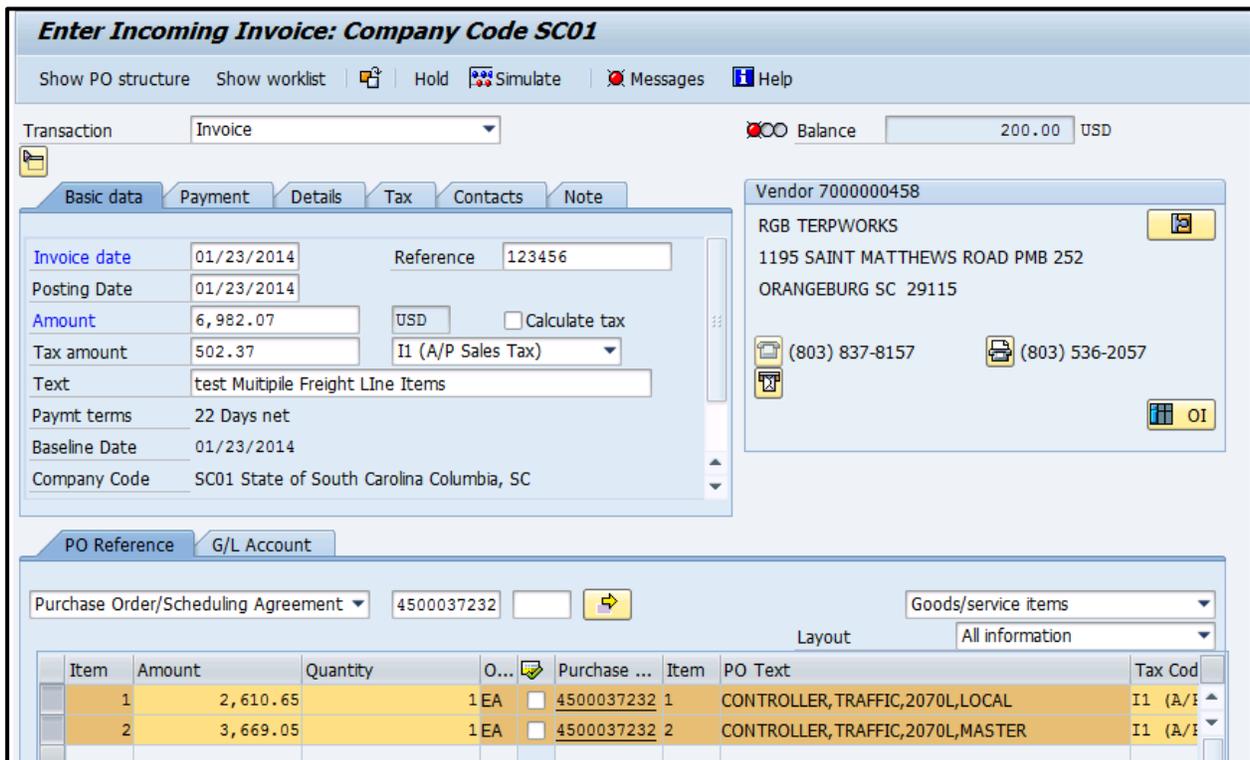
SAP for Public Sector does not support adding freight at the Header level of an SRM 7.2 Purchase Order (PO) whether an Inventory Purchase Order or Non-Inventory Purchase Order. To ensure payments are made in a timely manner, and inventory is accurately recorded, freight can be added by using the “Unplanned 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” indicator in Example 1 below.

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

Example 1



Enter Incoming Invoice: Company Code SC01

Show PO structure Show worklist Hold Simulate Messages Help

Transaction Invoice Balance 200.00 USD

Vendor 7000000458
 RGB TERPWORKS
 1195 SAINT MATTHEWS ROAD PMB 252
 ORANGEBURG SC 29115
 (803) 837-8157 (803) 536-2057

Invoice date 01/23/2014 Reference 123456
 Posting Date 01/23/2014
 Amount 6,982.07 USD Calculate tax
 Tax amount 502.37 I1 (A/P Sales Tax)
 Text test Multipile Freight Line Items
 Paymt terms 22 Days net
 Baseline Date 01/23/2014
 Company Code SC01 State of South Carolina Columbia, SC

PO Reference 4500037232 Goods/service items
 Layout All information

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
1	2,610.65		1 EA	4500037232	1	CONTROLLER, TRAFFIC,2070L,LOCAL	I1 (A/I
2	3,669.05		1 EA	4500037232	2	CONTROLLER, TRAFFIC,2070L,MASTER	I1 (A/I

- Go to the “**Details**” tab using MIRO as shown in Example 2 below.

Example 2

Enter Incoming Invoice: Company Code SC01

Show PO structure Show worklist Hold Simulate Messages Help

Transaction Invoice Balance 200.00 USD

Basic data **Details** Tax Contacts Note

Invoice date 01/23/2014 Reference 123456
 Posting Date 01/23/2014
 Amount 6,982.07 USD Calculate tax
 Tax amount 502.37 I1 (A/P Sales Tax)
 Text test Multiple Freight Line Items
 Paymt terms 22 Days net
 Baseline Date 01/23/2014
 Company Code SC01 State of South Carolina Columbia, SC

Vendor 7000000458
 RGB TERPWORKS
 1195 SAINT MATTHEWS ROAD PMB 252
 ORANGEBURG SC 29115
 (803) 837-8157 (803) 536-2057

Purchase Order/Scheduling Agreement 4500037232 Goods/service items
 Layout All information

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
1	2,610.65		1 EA	4500037232	1	CONTROLLER, TRAFFIC,2070L,LOCAL	I1 (A/I)
2	3,669.05		1 EA	4500037232	2	CONTROLLER, TRAFFIC,2070L,MASTER	I1 (A/I)

- 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 checkmark.

Example 3

Enter Incoming Invoice: Company Code SC01

Show PO structure Show worklist Hold Simulate Messages Help

Transaction Invoice Balance 200.00 USD

Basic data **Details** Tax Contacts Note

Unpl. Del. Csts 200.00
 Currency USD Exch. Rate 1.00000
 Doc. Type RE (Invoice - gross) Inv. Party 7000000458
 Bus. Area
 Assignment G/L 2000010000
 Header Text

Vendor 7000000458
 RGB TERPWORKS
 1195 SAINT MATTHEWS ROAD PMB 252
 ORANGEBURG SC 29115
 (803) 837-8157 (803) 536-2057

Purchase Order/Scheduling Agreement 4500037232 Goods/service items
 Layout All information

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
1	2,610.65		1 EA	4500037232	1	CONTROLLER, TRAFFIC,2070L,LOCAL	I1 (A/I)
2	3,669.05		1 EA	4500037232	2	CONTROLLER, TRAFFIC,2070L,MASTER	I1 (A/I)

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.

Example 4

Enter Incoming Invoice: Company Code SC01

Show PO structure Show worklist Hold Simulate Messages Help

Transaction Invoice **CC Balance 0.00 USD**

Basic data Payment Details Tax Contacts Note

Unpl. Del. Csts 200.00

Currency USD Exch. Rate 1.00000

Doc. Type RE (Invoice - gross) Inv. Party 7000000458

Assignment Bus. Area

Header Text G/L 2000010000

Vendor 7000000458

RGB TERPWORKS

1195 SAINT MATTHEWS ROAD PMB 252

ORANGEBURG SC 29115

(803) 837-8157 (803) 536-2057

PO Reference G/L Account

Purchase Order/Scheduling Agreement 4500037232 Goods/service items

Layout All information

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
2	3,669.05	1 EA		4500037232	2	CONTROLLER, TRAFFIC,2070L,MASTER	I1 (A/I

5. After you check “**Post,**” you should receive a **warning message** 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.

Example 5

Enter Accounting Document: Check Tax Data

Company Code: SC01 State of South Carolina
Calculate tax: ExRt diff.: 0.00

Amount	Tax D C	Tax base amount	Tax Jur.
208.85	I1	2,693.80	4107900000
293.52	I1	3,785.90	4107900000

502.37 USD

⚠ Tax entered incorrect (code I1, amount 208.85), correct 215.50 USD

- 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.”**

Example 7

The screenshot shows the SAP 'Display Invoice Document 5700885664 2014' interface. The 'Follow-On Documents ...' button is highlighted. The 'Transaction' is set to 'Invoice' with document number '5700885664' and year '2014'. The 'Basic data' tab is active, showing fields for Invoice date (01/23/2014), Posting Date (01/23/2014), Amount (6,982.07), Tax amount (502.37), and Reference (123456). The 'PO Reference' table below lists two items:

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
1	2,610.65	1 EA	4500037232	1	CONTROLLER, TRAFFIC,2070L,LOCAL	I1 (A/I	
2	3,669.05	1 EA	4500037232	2	CONTROLLER, TRAFFIC,2070L,MASTER	I1 (A/I	

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

Example 8

The screenshot shows a window titled 'List of Documents in Accounting'. It contains a table with the following data:

Doc. Number	Object type text	Ld
5700885664	Accounting document	
1010696747	Funds Management doc	
5700885664	Grants Mgm. Doc.	

At the bottom of the window, there are buttons for 'Separate', 'Original document', and a close button.

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

Display Document: Data Entry View

Taxes | Display Currency | General Ledger View

Data Entry View

Document Number: 5700000444 | Company Code: SC01 | Fiscal Year: 2014
 Document Date: 01/23/2014 | Posting Date: 01/23/2014 | Period: 7
 Reference: 123456 | Cross-Comp.No.: |
 Currency: USD | Tests: | Ledger Group: |

CoCd	Item	PK	Account	Ornt Item	Ex/Rev A/c	Description	E	Amount	BusA	Fund	Partner Fund	Grant	Cost Center	Functional Area	Funded #
SC	1	31	7000000458	2000010000		ROB TERPWORKS		6,982.07	U1						
SC	2	86	2400010000	5034020003	1400010002	GR/IR CLEARING ACCT		2,819.50	U1	34919000		NOT RELEVA		U120_HVE	U120EH
SC	3	89	1400010002	5034020003		IR - INV- OP SUP MAT		83.15	U1	34919000		NOT RELEVA		U120_HVE	U120EH
SC	4	86	2400010000	5034020003	1400010002	GR/IR CLEARING ACCT		3,962.57	U1	34919000		NOT RELEVA		U120_HVE	U120EH
SC	5	89	1400010002	5034020003		IR - INV- OP SUP MAT		116.85	U1	34919000		NOT RELEVA		U120_HVE	U120EH
								0.00							

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 Material 136899 (SC Material Masters)

Additional Data | Org. Levels

Plant data / stor. 2 | Accounting 1 | Accounting 2 | Plant stock | Stor. loc. ...

Material: 136899 | CONTROLLER, TRAFFIC, 2070L, LOCAL
 Plant: DI02 | SC Dept of Transportation

General data

Base Unit of Measure: EA | each | Valuation Category: |
 Currency: USD | Current period: 07 2014
 Division: Z1 | Price determ.: | ML act.

Current valuation

Valuation Class: Z002 | Proj. stk val. class: |
 VC: Sales order stk: | Price Unit: 1 |
 Price control: | Standard price: 0.00
Moving price: 2,833.36 | Total Value: 17,000.15
 Total Stock: 6 | Valuated Un
 Future price: 0.00 | Valid from: |
 Previous price: 0.00 | Last price change: |

Previous period/year | Std cost estimate

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.

Example 11

The screenshot displays the SAP 'Display Material 136875 (SC Material Masters)' interface. The 'Accounting 1' tab is active, showing the following data:

General data	
Base Unit of Measure	EA each
Currency	USD
Division	Z1
Valuation Category	
Current period	07 2014
Price determ.	<input type="checkbox"/> ML act.

Current valuation	
Valuation Class	Z002
VC: Sales order stk	<input type="checkbox"/>
Price control	▽
Moving price	3,684.36
Total Stock	46
Total Value	169,480.36
Proj. stk val. class	<input type="checkbox"/>
Price Unit	1
Standard price	0.00
Future price	0.00
Previous price	0.00
Valid from	
Last price change	

Buttons at the bottom: Previous period/year, Std cost estimate