

# POS System Link with SQL :

The total GST payable on all goods and services shown on a tax invoice may be **rounded off to the nearest whole cent** (i.e. two decimal places). With the discontinuation of the issuing of 1 cent coins, some businesses may round their bills to the nearest 5 cents to facilitate cash payment by their customers. Whether a bill should be rounded up or rounded down to the nearest 5 cents is a business decision.

When a tax invoice contains several line items of standard-rated supplies, the total GST amount on your invoice may be computed based on:

- Summing the GST amount for each line item; or
- Total amount payable (excluding GST) for all line items x 6%

The total GST amount computed may differ due to the method used. Both methods of computing the total GST amount are acceptable so long as you apply the chosen method **consistently**.

## **Example:**

You are a stationery retailer. Your customer purchased 3 pens and pay for all her items collectively. The tax invoice issued to your customer will contain the following 3 line items.

<i>Item</i>	<i>Amount payable ( excluding GST)</i>	<i>GST Amount for each item</i>
<i>Green Pen</i>	<i>RM 1.77</i>	<i>RM 0.11 (0.1062)</i>
<i>Red Pen</i>	<i>RM 1.77</i>	<i>RM 0.11 (0.1062)</i>
<i>Blue Pen</i>	<i>RM 1.77</i>	<i>RM 0.11 (0.1062)</i>

Method 1: GST is computed based on summing the GST amount for each line item:

**Total GST amount = RM0.11 + RM0.11 + RM0.11 = RM 0.33**

Method 2: GST is computed based on total amount payable (excluding GST) for all line items X 6%

**Total GST amount = (RM 1.77 + RM 1.77 + RM 1.77) X 6% = RM 0.32**

# System Auto Correct with 1 Cent Different :

## 1. Tools | Option | Customer

Options

### Customer

Default Control Account: 300-000      Default Output Tax: SR

Default Credit Terms: 30 Days

Default Credit Limit: 30000

#### Customer Account Code Format:

Company Name	Format	Sample
Testing Company	%.3s-%.1s%.4d	300-T0888

Default Customer Aging Format:

Use Cash Sales No. for Payment Received

One Cent Different Rounding (Local Currency Fields) for all AR/SL Documents (Recommended)

5 Cents Rounding (Sales Invoice)

5 Cents Rounding (Cash Sales)

OK      Cancel      Help

1.1 Tick One Cent Different Rounding (Local Currency Fields) for all /AR/SL Documents(Recommend)

1.2: Press OK

Sales Invoice | New | Refer below screen :

Invoice

Customer: 300-A0002  
 ALPHA & BETA COMPUTER  
 Address: 838 JALAN WORLD  
 40485 RAWANG  
 SELANGOR DE

Description: Sales

Profit Estimator

Item Code	Description	Qty	UOM	U/Price	Sub Total	Tax	Tax In...	Tax Amount	Sub Total (Tax)
BOM	BOM	1.00	UNIT	7.77	7.77	SR	<input type="checkbox"/>	0.47	8.24
JMAST-BLCK-M	JMAST-BLCK-M	1.00	UNIT	7.77	7.77	SR	<input type="checkbox"/>	0.47	8.24
2 records		2.00			15.54			0.94	16.48

Deposit Amount: 0.00  
 Local Net Total: 16.48  
 Net Total: 16.48

But once you save you will notice the first line of the Tax Amount will be different, this is because system using Total Amount of IV to calculate 6%. Refer below Screen:

Invoice

Customer: 300-A0002  
 ALPHA & BETA COMPUTER  
 Address: 838 JALAN WORLD  
 40485 RAWANG  
 SELANGOR DE

Description: Sales

Profit Estimator

Item Code	Description	Qty	UOM	U/Price	Sub Total	Tax	Tax In...	Tax Amount	Sub Total (Tax)
BOM	BOM	1.00	UNIT	7.77	7.77	SR	<input type="checkbox"/>	0.46	8.23
JMAST-BLCK-M	JMAST-BLCK-M	1.00	UNIT	7.77	7.77	SR	<input type="checkbox"/>	0.47	8.24
2 records		2.00			15.54			0.93	16.47

Deposit Amount: 0.00  
 Local Net Total: 16.45  
 Net Total: 16.47

Formula: Sum up SubTotal with Tax, Multiple with 6% (Note : system will exclude the Subtotal if the Tax Rate is 0%)

Tax Amount Calc = RM 15.54 \* 6% = 0.93, mostly system will reverse on first line of the Item.

**Note: If you don't want system to help you to do the One Cent Rounding, please refer Step 1 to un-tick the option will do.**

## **Manually Insert the Cents Different in system :**

So once you post into SQL there is going to have few cents different (due to combine all the rounding issue for daily transaction), in version 710 above we have new feature of able to **amend tax amount** for those transaction **without ITEM CODE** :

You may follow below way to tally with the figure of POS System :

The screenshot shows an 'Invoice' application window. The main area displays an invoice for customer '300-A0002' with address 'ALPHA & BETA COMPUTER, 838 JALAN WORLD, 40485 RAWANG, SELANGOR DE'. The description is 'Sales'. The invoice number is 'IV-04/16001', dated '27/04/2016', with agent 'SY' and terms '45 Days'. A table lists items: 'ANT' (ANTENNA) with quantity 1.00 and UOM 'UNIT', and '(To Tally with POS System)' with quantity 0.00. A summary table shows 'Deposit Amount: 0.00' and 'Local Net Total: 1.89'. A context menu is open over the table, listing options like 'Group By This Field', 'Footer', 'Quick Column Customization', and 'Properties...'. A callout box with an arrow points to the 'Properties...' option, containing the text: '1. First you can right click at title bar, then right click, look for properties.'

Item Code	Description	Project	Qty	UOM	U
ANT	ANTENNA	---	1.00	UNIT	
	(To Tally with POS System)	---	0.00		

Inclusive	Tax Amount	Sub To...
<input type="checkbox"/>	0.11	1.88
<input type="checkbox"/>	0.01	0.01
	0.12	1.89

Grid Properties

Grid Columns Date Time Handling

No.	Column	Caption	Focusi...	Editing	Moving	Show
15	gvDocDetailUOM	UOM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16	gvDocDetailRate	Rate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17	gvDocDetailSUOMQTY	S/U QTY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	gvDocDetailSQty	Base Qty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	gvDocDetailUnitPrice	U/Price	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	gvDocDetailDiscount	Discount	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21	gvDocDetailAmount	Sub Total	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22	gvDocDetailTax	Tax	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
23	gvDocDetailTaxInclusive	Tax Inclusive	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24	gvDocDetailTaxAmt	Tax Amount	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
25	gvDocDetailAmountWi...	Sub Total (Tax)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
26	gvDocDetailAccount	Account	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
27	gvDocDetailDeliveryDate	Delivery Date	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
28	gvDocDetailPrintable	Printable	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

2. Make sure you have tick the "Editing"

OK Cancel

Then you may refer to below screen to key-in tax amount directly:

Invoice

Invoice

Customer: 300-A0002  
ALPHA & BETA COMPUTER  
Address: 838 JALAN WORLD  
40485 RAWANG  
SELANGOR DE

Description: Sales

Profit Estimator

Invoice Matrix

Item Code	Description	Project	Qty	UOM	U/Price	Discount	Sub Total	Tax	Tax I...	Tax Amount	Sub Total (Tax)
ANT	ANTENNA	---	1.00	UNIT	1.77		1.77	SR	<input type="checkbox"/>	0.11	1.88
	(To Tally with POS System)	---	0.00		0.00		0.00	SR	<input type="checkbox"/>	0.01	0.01

2 records 1.00 1.77 0.12 1.89

Deposit Amount: 0.00

Local Net Total: 1.89

Net Total: 1.89

so you can key-in in this way as per above, key-in the different into the **Tax Amount** column.

1. Key-in Description,make sure without Item Code.
2. Key-in the figure directly into tax amount column will do.

p/s : There is only allowed when without item code and make sure you have **disable the 1 cent** rounding under (Tools->Options->Customer->Un-tick the 1 cent rounding option.)