

Enhancement for Japanese Invoices to Display Tax Rate of Line Items (NG-6369)

Target GA: May, 2024

Feature Overview

Introducing: **Enhancement for Japanese Invoices to Display Tax Rate of Line Items (NG-6369)**

Feature Description

SAP Ariba Buying and Invoicing in Japan now shows tax summaries at the header level and line-item tax rates, achieved through custom fields for enhanced invoicing capabilities, meeting Japan's specific tax rate requirements.

The goal of this enhancement is to provide additional capabilities in the system to meet the specific requirement 'Clear indication of where reduced tax rate applies' for the Japan market.

Key Benefits

- Allows Buyers to determine which line belong to which tax rate
- Helps with reconciliation as well
- Added clarity per line level to match information on SAP Business Network
- This feature also allows the new custom field value to be exported via API

Audience:

Buyer

Enablement Model:

Customer Configured

Applicable Solutions:

SAP Ariba Buying and Invoicing
SAP Business Network

Prerequisites, Restrictions, Cautions

Prerequisites

- Buyers must enable the parameter to EnableJapanConsumptionTax (Application.Procure.EnableJapanConsumptionTax) to Yes. This parameter is self-service.
- Contact your SAP Customer Success Partner (CSP) to create the custom field

Restrictions

- Multiple Tax Rates and type per line level is not supported.

Cautions

- Custom field can be created only by SAP, please work with your CSP to enable and configure the field required for this feature.

Feature Details

SAP Business Network

For invoices generated on SAP Business Network(SBN), the cXML document from SBN would carry a Boolean extrinsic that indicates whether this is a Japan domestic invoice. If it is yes, the cXML handler would process the taxes from summary section to create header level taxes.

With this change logic to persist the tax information in the new line-item fields is introduced.

Customers can make use of the customization fields to populate the data from these new line-item fields and display on the invoice on SAP Ariba Buying and invoicing

Feature Details

1. Creating PO flip invoice on SAP Business Network

SAP Business Network Enterprise Account

Create Invoice Update Save Exit Next

▼ Invoice Header * Indicates required field Add to Header ▼

Summary

Purchase Order:	PO24	Subtotal:	¥200 JPY	View/Edit Addresses
Invoice #:	AN_BI_PO_6369_001	Total Tax:	¥18 JPY	
Invoice Date:	27 Feb 2024	Total Amount without Tax:	¥200 JPY	
Service Description:		Amount Due:	¥218 JPY	
Supplier Tax ID:	534234234			
Remit To:	TOSHIMAMURAICHEN			
Bill To:	Japan TOKYO TO TOSHIMA MURA Tokyo Japan TK TOKYO			

Shipping

Header level shipping ⓘ Line level shipping ⓘ

Ship From:	JCN Technologies	Ship To:	Tokyo Japan TK TOKYO	View/Edit Addresses
	Japan AICHI KEN tokyo	Deliver To:	Chad Noll Tokyo	

Feature Details

1.1 Add Taxes at line Level

Line Items

Insert Line Item Options

Tax Category: 8% Sales tax / Sales8 Standard Rate
 Shipping Documents
 Special Handling
 Discount
 Add to Included Lines

<input type="checkbox"/>	No.	Include	Type	Part #	Description	Customer Part #	Quantity	Unit	Original Price	Unit Price	Subtotal
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	MATERIAL	Not Available	Item 1		1	EA		¥100 JPY	¥100 JPY

Inspection Date:

Tax

Category:* 10% SalesTax_10 / Sales10 Standard Ra

Location:

Description: Sales10 Standard Rate

Regime:

Taxable Amount: ¥100 JPY Remove

Rate(%): 10

Tax Amount: ¥10 JPY

<input type="checkbox"/>	No.	Include	Type	Part #	Description	Customer Part #	Quantity	Unit	Original Price	Unit Price	Subtotal
<input type="checkbox"/>	2	<input checked="" type="checkbox"/>	MATERIAL	Not Available	Item 2		1	EA		¥100 JPY	¥100 JPY

Inspection Date:

Tax

Category:* 8% SalesTax_8 / Sales8 Reduced Rate

Location:

Description: Sales8 Reduced Rate

Regime:

Taxable Amount: ¥100 JPY Remove

Rate(%): 8

Tax Amount: ¥8 JPY

↳ Line Item Actions Delete

Note : If customers creates invoice with Header level Taxes on SAP Business Network and send it to SAP Ariba B&I ,Invoice CXML will be having only summary taxes , No line level tax details so the Line Tax Detail object won't be created on B&I for the Invoice Line Items

This sample invoice is created with 2 line items with tax at line level.

Line 1 – 10% Tax
Line 2 – 8% Tax

Feature Details

1.2 Viewing Invoice on SAP Ariba Buying and Invoicing.

INVAN_BI_PO_6369_001-308 Status: Reconciling

These are the details of the request you selected. Depending on its status, you can edit, change, copy, cancel, or submit the request for approval. You may also print the details of the request. Review your request and take the desired action(s).

[Copy](#) [Create Line-Item Credit Memo](#) [Create Line-Item Debit Memo](#) [Print](#)

[Summary](#) [Approval Flow](#) [Reference](#) [History](#)

Header Information Invoice Summary: ¥218 JPY [Details](#)

Supplier: 000000100 (JCN Technologies (AN - Fulfillment FT)) Payment Terms: 0002
Supplier Contact: 000000100 Sold To: Tokyo
Invoice ID: INVAN_BI_PO_6369_001-308 Ship From: JCN Technologies
Supplier Invoice #: AN_BI_PO_6369_001 tokyo-adr Ariba Plaza
Invoice Date: Tue, 27 Feb, 2024 tokyo Aichi 9999999
Type: Purchase Order Japan
Order: PO24 Plant: Tokyo
On Behalf Of: Chad Noll 691 Broadway
Invoice Submission Method: Online TOKYO TK 10001
Invoice Origin: Supplier Japan
Supplier Tax ID: 534234234 Remit To Address: JCN Technologies
Company Code: 3000 (IDES US INC) TOSHIMAMURAICHEN
My Labels: [Apply Label...](#) TOSHIMA MURA Tokyo 100-0301
Japan
Deliver To: Chad Noll

GST Details Buyer GST ID: Supplier GST ID: T1234567891011
Tax Invoice Number:

VAT Details

Header Taxes, Charges, and Discount

Name ↑	Type	Tax Rate	Amount	Accounting	Details
Tax	SalesTax_10	10%	¥10 JPY	(1)	Details
Tax	SalesTax_8	8%	¥8 JPY	(1)	Details

Header Level Summary created as per Qualified invoice requirement

Feature Details

. In this example, TaxRate field at Invoice Line Item Level is the newly added custom field.

Line Items (2)												
No.	Description	Order ID	Qty	Unit	Price	Amount	Discount	Charges	Taxes	Gross Amount	Accounting	Details
1	Item 1	PO24	1	each	¥100 JPY	¥100 JPY	¥0 JPY			¥100 JPY	(1)	Details
<p>Commodity Code: Drugs and Pharmaceutical Products Reference Date: Tue, 27 Feb, 2024 ⓘ</p> <p>Material Group: 017 (Pharmaceuticals) Supplier Part Auxiliary ID:</p> <p>Supplier Part Number: Not Available Full Description: Item 1</p> <p>Plant: Tokyo Attachments: Add</p> <p>691 Broadway Comments: Add</p> <p>TOKYO TK 10001 Purch Org: 3000 (IDES USA)</p> <p>Japan Line Item Text:</p> <p>Ship From: JCN Technologies</p> <p>tokyo-adr Ariba Plaza</p> <p>tokyo Aichi 9999999</p> <p>Japan</p> <p>Deliver To: Chad Noll</p> <p>TaxRate: 10</p>												
2	Item 2	PO24	1	each	¥100 JPY	¥100 JPY				¥100 JPY	(1)	Details
<p>Commodity Code: Chemicals including Bio Chemicals and Gas Materials Reference Date: Tue, 27 Feb, 2024 ⓘ</p> <p>Material Group: 004 (Chemicals) Supplier Part Auxiliary ID:</p> <p>Supplier Part Number: Not Available Full Description: Item 2</p> <p>Plant: Tokyo Attachments: Add</p> <p>691 Broadway Comments: Add</p> <p>TOKYO TK 10001 Purch Org: 3000 (IDES USA)</p> <p>Japan Line Item Text:</p> <p>Ship From: JCN Technologies</p> <p>tokyo-adr Ariba Plaza</p> <p>tokyo Aichi 9999999</p> <p>Japan</p> <p>Deliver To: Chad Noll</p> <p>TaxRate: 8</p>												

Base Amount: ¥200 JPY
Discount: ¥0 JPY
Charge: ¥0 JPY
Tax: ¥18 JPY
Payable To Supplier: ¥218 JPY

Feature Details

2. Invoices created on SAP Ariba Buying and Invoicing – UI (Paper based invoices)

For Japan Domestic invoices (PO, contract ,Non-PO,LICM,LIDM ,Copy Invoices...etc) created from SAP Ariba B&I UI, the pre-requisite is that the users must create only header level taxes. The user can enter the data in the new customization fields(TaxRate) to capture the required information and send this field to Business Network as well. The new field will be shown as extrinsic at each line item of the invoice in the SAP Business Network

The screenshot displays the 'Invoice Entry' interface for a Japanese domestic invoice. The header information is as follows:

- Invoice ID:** INVBI_AN_PO_6369_001-309
- Buttons:** Save, Submit, Exit
- Navigation:** Invoice Entry (active), Approval Flow
- Header Information:** Includes an 'Upload Invoice' button and an 'Invoice Summary: ¥200 JPY Details' link.
- Type:** PO-Based (selected), Non-PO, Contract-Based
- Supplier:** 000000100 (JCN Technologies (AN - Fulfillment FT))
- Supplier Contact:** 000000100 [select]
- Supplier Invoice #:** BI_AN_PO_6369_001
- Invoice Date:** Tue, 27 Feb, 2024
- Purchase Orders:** PO24 (with 'Add more' link)
- On Behalf Of:** Chad Noll
- Company Code:** 3000 (IDES US INC)
- Payment Terms:** 0002 [select]
- Ship From:** 000000100 (with address: Kolping Str. 15, Berlin CA 94536, Japan)
- Plant:** 3000 (Tokyo) (with address: 691 Broadway, TOKYO TK 10001, Japan)
- Remit To Address:** JCN Technologies (with address: 3450 Industrial Park Road, Austin TX 78701, United States)
- Deliver To:** Chad Noll
- Service Description:** (empty field)
- My Labels:** Apply Label... (with help icon)
- GST Details:** Buyer GST ID, Tax Invoice Number, and Supplier GST ID (JPJCNTST0001) fields.

Feature Details

While Adding Line Items to Invoice: Enter taxRate in Custom Field TaxRate: 10 for the first line and 8 for second line Item

The screenshot displays the SAP Buyer interface for adding line items to an invoice. The browser address bar shows the URL: localhost:8050/Buyer/Main/aw?awh=r&awssk=cxTyEWLSdHQQwG0f&realm=p2pTeSap&awrdt=1#b0. The page title is "Line items (2)".

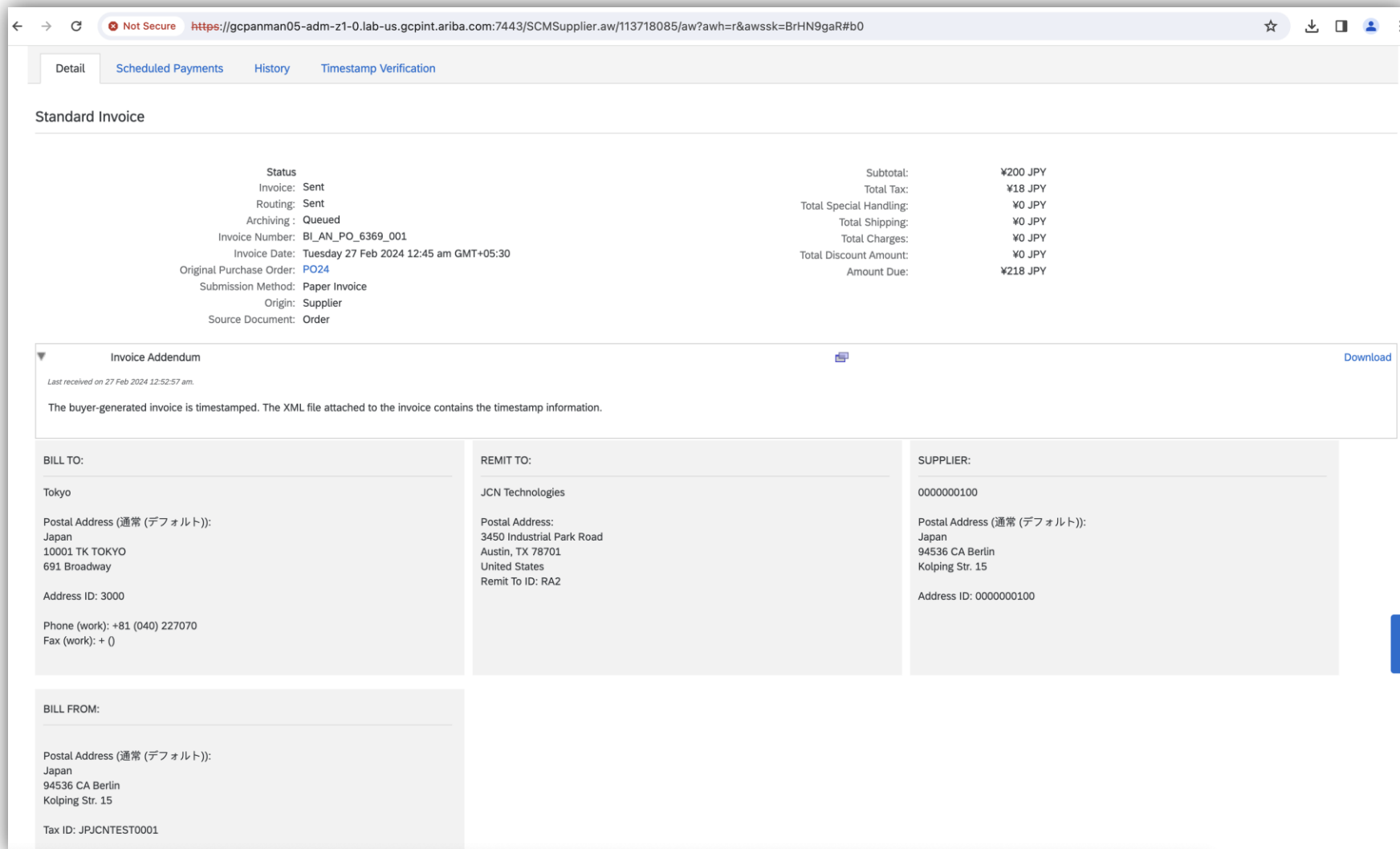
No.	Description	Order ID	Qty	Unit	Price	Amount	Discount	Charges	Taxes	Gross Amount	Accounting	Details
1	Item 1	PO24	1	each	¥100 JPY	¥100 JPY	¥0 JPY			¥100 JPY	(1)	Details
2	Item 2	PO24	1	each	¥100 JPY	¥100 JPY				¥100 JPY	(1)	Details

For Item 1, the "TaxRate" field is highlighted in yellow and contains the value "10".

For Item 2, the "TaxRate" field is highlighted in yellow and contains the value "8".

Feature Details

2.1 Viewing Invoice on SAP Business Network



The screenshot shows a web browser window displaying an SAP Business Network invoice. The browser address bar shows a URL starting with 'https://gcpnman05-adm-z1-0.lab-us.gcpint.ariba.com:7443/SCMSupplier.aw/113718085/aw?awh=r&awssk=BrHN9gaR#b0'. The page has a navigation bar with tabs: 'Detail' (selected), 'Scheduled Payments', 'History', and 'Timestamp Verification'. The main content area is titled 'Standard Invoice' and is divided into two columns. The left column contains invoice details such as Status (Invoice: Sent, Routing: Sent, Archiving: Queued), Invoice Number (BI_AN_PO_6369_001), Invoice Date (Tuesday 27 Feb 2024 12:45 am GMT+05:30), Original Purchase Order (PO24), Submission Method (Paper Invoice), Origin (Supplier), and Source Document (Order). The right column contains a summary table of financial values in JPY. Below this is an 'Invoice Addendum' section with a 'Download' button and a note about the buyer-generated invoice being timestamped. At the bottom, there are three columns for 'BILL TO:', 'REMIT TO:', and 'SUPPLIER:', each with their respective postal addresses and contact information. A 'BILL FROM:' section is also present at the bottom left. A 'Feedback' button is visible on the right side of the page.

Status		Subtotal:	
Invoice:	Sent		¥200 JPY
Routing:	Sent	Total Tax:	¥18 JPY
Archiving:	Queued	Total Special Handling:	¥0 JPY
Invoice Number:	BI_AN_PO_6369_001	Total Shipping:	¥0 JPY
Invoice Date:	Tuesday 27 Feb 2024 12:45 am GMT+05:30	Total Charges:	¥0 JPY
Original Purchase Order:	PO24	Total Discount Amount:	¥0 JPY
Submission Method:	Paper Invoice	Amount Due:	¥218 JPY
Origin:	Supplier		
Source Document:	Order		

Invoice Addendum [Download](#)

Last received on 27 Feb 2024 12:52:57 am.

The buyer-generated invoice is timestamped. The XML file attached to the invoice contains the timestamp information.

BILL TO:	REMIT TO:	SUPPLIER:
Tokyo	JCN Technologies	0000000100
Postal Address (通常 (デフォルト)): Japan 10001 TK TOKYO 691 Broadway	Postal Address: 3450 Industrial Park Road Austin, TX 78701 United States Remit To ID: RA2	Postal Address (通常 (デフォルト)): Japan 94536 CA Berlin Kolping Str. 15
Address ID: 3000		Address ID: 0000000100
Phone (work): +81 (040) 227070 Fax (work): + ()		

BILL FROM:
Postal Address (通常 (デフォルト)): Japan 94536 CA Berlin Kolping Str. 15
Tax ID: JPCNTEST0001

Feature Details

TaxRate field will be received on SAP Business network as an extrinsic from SAP Ariba Buying and Invoicing – for this to be displayed on SAP BN, there are no settings, once this is configured on B&I it is displayed

The screenshot displays a web browser window with the URL `https://gcpnman05-adm-z1-0.lab-us.gcpint.ariba.com:7443/SCMSupplier.aw/113718085/aw?awh=r&awssk=BrHN9gaR#b0`. The interface shows a table with columns: Line No., Line Ref No., Type, Part No., Qty / Unit, Unit Price, and Sub Total. Two line items are visible, both of type 'MATERIAL' with a quantity of 1 / (EA) and a unit price of ¥100 JPY. Below each line item is a 'DETAILS' section containing various fields such as Auxiliary Part ID, Manufacturer Part No., Country of Origin, Accounting Reference ID, and Classification code. In both details sections, the 'TaxRate' field is highlighted with a yellow box, showing values of 10 for the first item and 8 for the second item. A 'Subtotal: ¥100 JPY' is also visible on the right side of the page.

Line No.	Line Ref No.	Type	Part No.	Qty / Unit	Unit Price	Sub Total
1	1	MATERIAL		1 / (EA)	¥100 JPY	¥100 JPY
Description: Item 1						
DETAILS						
Auxiliary Part ID:						
Manufacturer Part No.:						
Manufacturer Name:						
Country of Origin: Japan						
Accounting Reference ID: 100						
Accounting Description: Percentage						
Accounting Reference ID: 0000404000						
Accounting Description: ID						
Accounting Reference ID: 0000004120						
Accounting Description: ID						
Classification Domain: unspsc						
Classification code: 51						
Additional Information:						
GR Based Invoice: No						
TaxRate: 10						
Parent PO Line Number: 2						
Subtotal: ¥100 JPY						
Line No.	Line Ref No.	Type	Part No.	Qty / Unit	Unit Price	Sub Total
2	2	MATERIAL		1 / (EA)	¥100 JPY	¥100 JPY
Description: Item 2						
DETAILS						
Auxiliary Part ID:						
Manufacturer Part No.:						
Manufacturer Name:						
Country of Origin: Japan						
Accounting Reference ID: 100						
Accounting Description: Percentage						
Accounting Reference ID: 0000404000						
Accounting Description: ID						
Accounting Reference ID: 0000004120						
Accounting Description: ID						
Classification Domain: unspsc						
Classification code: 12						
Additional Information:						
GR Based Invoice: No						
TaxRate: 8						
Parent PO Line Number: 2						

Feature Details

3. ERS Invoices created in SAP Ariba Buying and Invoicing (B&I)

For ERS invoices, required code changes would be made to capture the tax information in the newly created invoice line-item fields based on the tax data available in the purchase order (PO). The customers can make use of the custom field to populate the data from these new line-item fields and display on the invoice.

Create a Requisition with ERS line items

The screenshot displays the SAP Ariba interface for a Design Document ERS PR (PR37 - NG-6369). The status is 'Ordered'. The interface includes a top navigation bar with buttons for Copy, Change, Cancel, Receive, and Print. Below this is a tabbed menu with Summary, Orders, Receipts, and History. The main content area shows details for the requisition, including Title, Company Code, My Labels, Deliver To, Need-by Date, Comments, and Attachments. A Cart Summary table is visible on the right. The 'Line Items' section is expanded, showing a table with 3 items. Each item has a 'Detail' button next to it.

No.	Type	Order	Description	Qty	Unit	Price	Discount	Net Amount	Charges	Taxes	Amount	
1	PO25	PO25	Item1	10	each	¥100 JPY	¥0 JPY	¥1,000 JPY		¥100 JPY	¥1,100 JPY	Detail
2	PO25	PO25	Item2	10	each	¥100 JPY	¥0 JPY	¥1,000 JPY		¥80 JPY	¥1,080 JPY	Detail
3	PO25	PO25	Item3	10	each	¥100 JPY	¥0 JPY	¥1,000 JPY		¥100 JPY	¥1,100 JPY	Detail

Feature Details

Automatically Invoice on B&I gets created once items are received

Summary Approval Flow Reference History

Invoice Summary: ¥328 JPY Details

Header Information

Supplier: 0000000100 (JCN Technologies (AN - Fulfillment FT))
 Supplier Contact: 0000000100
 Invoice ID: INVRC2SINV310-310
 Supplier Invoice #: RC2SINV310
 Invoice Date: Tue, 27 Feb, 2024
 Type: Purchase Order
 Order: PO25
 On Behalf Of: Chad Noll
 Invoice Submission Method: Online
 Invoice Origin: Buyer
 Company Code: 3000 (IDES US INC)
 My Labels: Apply Label...

Payment Terms: 0002
 Ship From: 0000000100
 Kolping Str. 15
 Berlin CA 94536
 Japan
 Plant: Tokyo
 691 Broadway
 TOKYO TK 10001
 Japan
 Remit To Address: JCN Technologies
 3450 Industrial Park Road
 Austin TX 78701
 United States
 Deliver To: Chad Noll

GST Details

Buyer GST ID:
 Tax Invoice Number:
 Supplier GST ID: JPCNTEST0001

Header Taxes, Charges, and Discount

Name	Type	Tax Rate	Amount	Accounting	Details
Tax	SalesTax_10	10%	¥20 JPY	(1)	Details
Tax	SalesTax_8	8%	¥8 JPY	(1)	Details

Line Items (3)

No.	Description	Order ID	Qty	Unit	Price	Amount	Discount	Charges	Taxes	Gross Amount	Accounting	Details
1	Item1	PO25	1	each	¥100 JPY	¥100 JPY	¥0 JPY			¥100 JPY	(1)	Details
2	Item2	PO25	1	each	¥100 JPY	¥100 JPY				¥100 JPY	(1)	Details
3	Item3	PO25	1	each	¥100 JPY	¥100 JPY				¥100 JPY	(1)	Details

Base Amount: ¥300 JPY
 Discount: ¥0 JPY
 Charge: ¥0 JPY
 Tax: ¥28 JPY
 Payable To Supplier: ¥328 JPY

Feature Details

Line Items (3)

No.	Description	Order ID	Qty	Unit	Price	Amount	Discount	Charges	Taxes	Gross Amount	Accounting	Details
1	Item1	PO25	1	each	¥100 JPY	¥100 JPY	¥0 JPY			¥100 JPY	(1)	Details
<p>Commodity Code: Drugs and Pharmaceutical Products Reference Date: Tue, 27 Feb, 2024 ⓘ</p> <p>Material Group: 017 (Pharmaceuticals) Supplier Part Auxiliary ID:</p> <p>Supplier Part Number: Full Description: Item1</p> <p>Plant: Tokyo Attachments: Add</p> <p>691 Broadway TOKYO TK 10001 Japan Comments: Add</p> <p>Ship From: 0000000100 Kolping Str. 15 Purch Org: 3000 (IDES USA)</p> <p>Berlin CA 94536 Japan Line Item Text:</p> <p>Deliver To: Chad Noll</p> <p>TaxRate: 10</p>												
2	Item2	PO25	1	each	¥100 JPY	¥100 JPY				¥100 JPY	(1)	Details
<p>Commodity Code: Chemicals including Bio Chemicals and Gas Materials Reference Date: Tue, 27 Feb, 2024 ⓘ</p> <p>Material Group: 004 (Chemicals) Supplier Part Auxiliary ID:</p> <p>Supplier Part Number: Full Description: Item2</p> <p>Plant: Tokyo Attachments: Add</p> <p>691 Broadway TOKYO TK 10001 Japan Comments: Add</p> <p>Ship From: 0000000100 Kolping Str. 15 Purch Org: 3000 (IDES USA)</p> <p>Berlin CA 94536 Japan Line Item Text:</p> <p>Deliver To: Chad Noll</p> <p>TaxRate: 8</p>												
3	Item3	PO25	1	each	¥100 JPY	¥100 JPY				¥100 JPY	(1)	Details
<p>Commodity Code: Drugs and Pharmaceutical Products Reference Date: Tue, 27 Feb, 2024 ⓘ</p> <p>Material Group: 017 (Pharmaceuticals) Supplier Part Auxiliary ID:</p> <p>Supplier Part Number: Full Description: Item3</p> <p>Plant: Tokyo Attachments: Add</p> <p>691 Broadway TOKYO TK 10001 Japan Comments: Add</p> <p>Ship From: 0000000100 Kolping Str. 15 Purch Org: 3000 (IDES USA)</p> <p>Berlin CA 94536 Japan Line Item Text:</p> <p>Deliver To: Chad Noll</p> <p>TaxRate: 10</p>												

At Each Item Level in Invoice, we can check custom field TaxRate(automatically populated):

Feature Details

Invoice Reconciliation & Proration Changes

No change is expected here.

Payment Export Changes

There is no change expected here. Different channels to consider are 1) cXML 2) CSV (file channel) 3) Web Services (WS) and 4) Async Payment Export.

Thank you.

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