

Subcontract Issue

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Window Introduction

Introduction

Introduction:

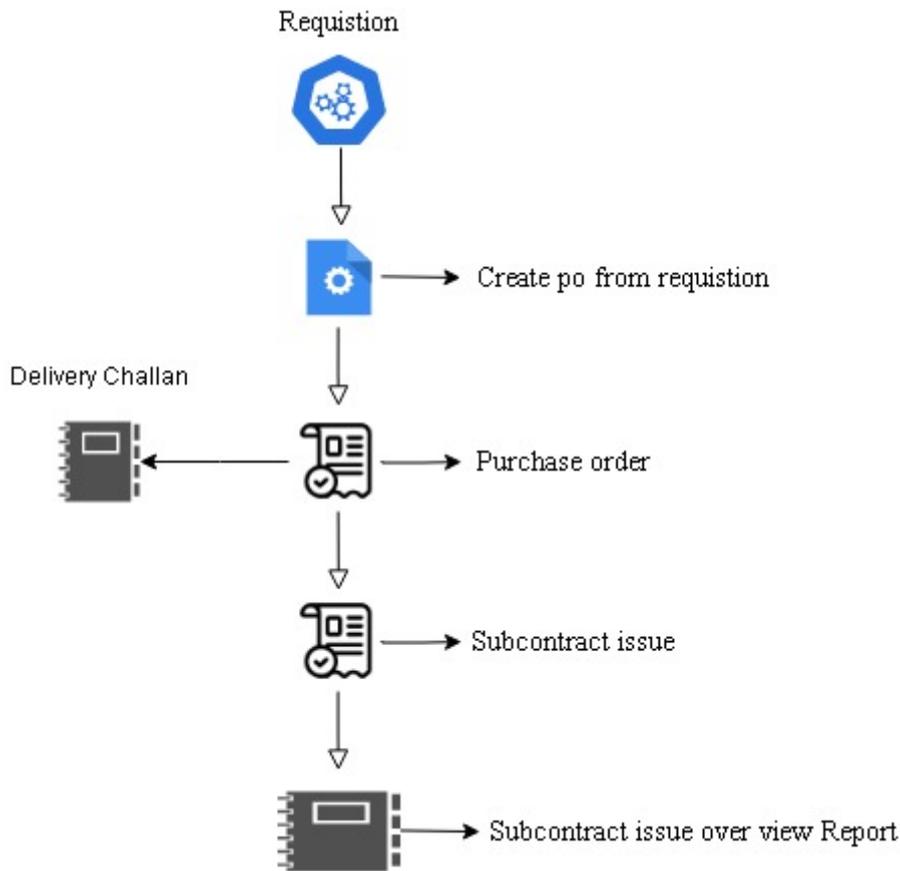
Basic external processing provides you with the means to instruct a supplier or subcontractor to process individual production steps such as operations or sub-operations. The external processing of production order operations is frequently used for standardized process steps such as galvanizing which you cannot perform in your own factory. In the case of galvanizing, you may have environmental reasons for outsourcing this step to your subcontractor.

Business Example:

In a pump industry there will be multiple operation performed to get the required component as per the customer requirement. Certain resource will not be available inside the company to perform few operations. So Requisition will be raised from Production Que and converted to purchase order. And Subcontract Issue will be done with delivery challan.

Subcontract Issue flow chart

Subcontract Issue Flow chart



Tabs

Subcontract Issue

The screenshot shows the 'Subcontract Issue' form in the Konnect Analytics application. The form is organized into two main sections. The left section contains fields for Client (Kconnect Demo), Target Document Type (Subcontract Issue), Document No (1000006), Name (40 as rod), Description, Vendor (Germany), Subcontract Warehouse (Subcontract), Grand Total (1.00), and Document Status (Completed). The right section contains fields for Organization (Manufacturing Discrete), Account Date (15/03/2019), Purchase Order (800050), Subcontract receipt, Partner Location (Coimbatore), User/Contact, and Currency (INR). There are also checkboxes for Rework and Delivered. At the bottom, there are buttons for 'Document Action' and 'Posted'.

Critical Fields:

- 1) Purchase order- This field is used to mention the service charge for the operation performed at the vendor end. Service product purchase order document no to be tagged in this field.
- 2) Name- Internal reference name for the document.
- 3) **Vendor**- Vendor will be taken automatically from the purchase order selected.
- 4) Partner Location- Vendor will be taken automatically from the purchase order selected. user can edit the partner location if needed.
- 5) Subcontract Warehouse- Name of the warehouse where the material is sent for subcontracting process. Warehouse will display when the subcontract check box is checked in warehouse master.
- 6) Currency- Currency type needs to be selected.

7) Account Date- The Accounting Date indicates the date to be used on the General Ledger account entries generated from this document. It is also used for any currency conversion.

Critical & onetime setup fields:

1) Organization Field- This Field is used to select the organization which you are going to process the order.

2) Target Document Type- This Field is used to select the type of the document that you are going to process.

Non-Critical Fields:

1) Subcontract Receipt- This field can be used when we need to create an issue against a subcontract receipt. If any component has rework received in previous subcontract receipt we can send back using this option.

2) User Contact- The person who is preparing the subcontract issue document his name can be selected.

3) Delivered check box- If all the components against the subcontract issue is received system will auto check this checkbox. It is a read only field.

4) Vessel/Flight No- This field can be used to mention the Vehicle details.

Serial number/Lot number (ASI):

Zoom conditions:

1) Subcontract Receipt

2) Manufacturing order

Customization:

Input/Items

The screenshot shows the 'Input/Items' form in the KONECT ERP system. The form is titled 'Subcontract Issue: 1000206 ...'. The main data fields are as follows:

Subcontracting Issue	1000206_800425	PrintNotes	
Line	1	Manufacturing Cost Collector	80680_Manufacturing Discrete Plant_84371
Description			
Manufacturing Order	80680_Manufacturing Discrete Plant	Manufacturing Order Activity	Fitting
Warehouse	Discrete-Shopfloor Warehouse	Locator	1000005
Product	Sub Assembly 1_Sub Assembly 1	Attribute Set Instance	
UOM	Each	Tax	No Tax
Quantity Issued	25	Recieved Qty	25
LineAmount	25.0	Price	1.00

Below the main fields, there are several checkboxes for supply and return options:

- Supplied by org & consumed by vendor
- Supplied through third party & consumed by vendor
- New Product returned from vendor
- Supplied by org & returned from vendor
- Supplied through third party & returned from vendor
- VIP

Critical Fields:

- 1) Line Number- Line number is the sequence of the product's added.
- 2) Warehouse- The warehouse from were the component is issued.
- 3) Locator- The Locator from were the component is issued.and the stock is deducted.
- 4) **Product**- The product which is issued to the vendor for subcontracting purpose.
- 5) Tax- Tax provided to the selected product.If tax is fixed in product master the same tax will be taken here user can edit the tax if needed.
- 6) Quantity Issue- The product Quantity Issued to the vendor for subcontracting.
- 7) **Price**- Price for the subcontracting process.
- 8) Line Amount- Multiplies the price with the quantity and displays the amount without tax.

9) Supplied by org & consumed by vendor - Raw material will be provide to the vendor by the company from the companies warehouse and end product will be collected back.And the raw material will be consumed completely in the vendor end.

10) Supplied by org & returned from vendor - Product will be provided by the company only operation (Process) will be done by the vendor and the product will be sent back.(Example : For performing a milling operation in a component).

11) Supplied through third party & Consumed by vendor - Raw material will be provide to the vendor by the Third party supplier (Company will provide a Purchase order for the raw material product to the third party supplier)and end product will be collected back from vendor.And the raw material will be consumed completely in the vendor end.

12) Supplied through third party and returned from vendor - Product will be provide to the vendor by the Third party supplier (Company will provide a Purchase order for the raw material product to the third party supplier) operation will be performed in vendor and end product will be collected back from vendor.

13) New product returned from vendor - New product will be received from vendor after consuming raw material which was sent by company from companies warehouse.

14) WIP - After consuming raw material it will be called as Work in-progress item.

NOTE: Choose any one supply type to proceed the transaction & functions have been described above.

Critical & onetime setup fields:

Non-Critical Fields:

1) Manufacturing cost collector- manufacturing cost collector is choose only when you perform

Consumed by vendor supply type.

2) UOM- Unit of measurement.

3) Purchase Order- If Supply by third party Consumed & Supplied by third party return option is selected system will generate a purchase order and display the purchase order document name in this field.This is a read only field.

4) Purchase order Line-If Supply by third party Consumed & Supplied by third party return option is selected system will generate the a purchase order and display the purchase order document line details in this field.This is a read only field.

Serial number/Lot number (ASI):

Zoom conditions:

Customization:

1) ASI Scan option in process Button, its help to scan multiple serial numbers and it will populate concurrent serial numbers in Attribute tab

Tabs

Attributes

The screenshot shows the 'Attributes' form in the Konnect ERP system. The form is titled 'Subcontract Issue: 1000206...' and is located under the path 'Issue > Input / Items > Attributes'. The form contains several input fields: 'Client' (Konnect Demo), 'Organization' (Manufacturing Discrete), 'InputItems' (1000206_800425_Sub Assembly 1_Sub Assembly 1), and 'Movement Quantity' (1). There is also an 'Attribute Set Instance' dropdown menu and a 'Date Material Policy' field. An 'Auto Generated' checkbox is present at the bottom of the form. The top of the page shows the user's name 'Logesh D@konnect Demo.Manufacturing Discrete/Konnect Demo Instance Admin' and navigation links for 'Feedback', 'Profile', 'Preference', 'Change Role', and 'Log Out'.

Critical Fields:

- 1) Input items - Subcontract issue document number & product details will be displayed.
- 2) Attribute set Instance - The values of the actual Product Attribute Instances. The product level attributes are defined on Product level.
- 3) Movement Quantity - It is based on attribute set instance

Critical & onetime setup fields:

Non-Critical Fields:

Serial number/Lot number (ASI):

Zoom conditions:

Customization:

Tabs

Asset/Tools

The screenshot displays the 'Asset/Tools' form in the KONECT ERP system. The form is titled 'Data requested' and contains the following fields:

- Client
- Organization
- Subcontracting Issue
- Description
- Asset
- UOM
- Product
- Attribute Set Instance
- Quantity Issued
- Balance Qty

There is also a checkbox labeled 'Supplied by org & returned from vendor'. The top navigation bar includes 'Home (97)', 'Summary', and 'Subcontract Issue: 1000206 ...'. The top right corner shows the user 'Logesh D@kconnect Demo.Manufacturing Discrete/Kconnect Demo Instance Admin' and links for 'Feedback', 'Profile', 'Preference', 'Change Role', and 'Log Out'.

Critical Fields:

- 1) Subcontract Issue - Subcontract issue document no will be populated
 - 2) **Asset** - If any development work done for new product then tools will be send to subcontract (Vendor) for specific operations.(Asset tool example - Jigs & fixture)
 - 3) **Product** - Subcontract process product details will be mentioned.
 - 4) Quantity Issued - Quantity issued for subcontract process will be mentioned.
 - 5) Balance Qty - Pending quantity yet to be received
 - 6) Supplied by org & returned from vendor - Material send to vendor & received from vendor as same product.
-

Critical & one time setup Fields:

Non-Critical Fields:

1) Description - Product description will be mentioned.

2) UOM - Product Unit of measurement

Serial number/Lot number (ASI):

Zoom conditions:

Customization:

Document Action

Validations

Save:

- 1) System will check whether all the Mandatory Fields are filled.
 - 2) System will check the Purchase order ,vendor,vendor location
-

Delete:

System will delete the order and its history from the database.This can be done only when the document status is Draft status and In progress Status.

Document action prepare:

- 1) System will check the Purchase order,vendor,vendor location and convert the document status to In progress.
 - 2) System will check the Period control for the document date whether it is open.
-

Document action complete:

System will complete the document and change the document status to complete.

Document action void/reverse correct actual:

1) Void- system will reverse all the cost transaction data's and change the document status to Void

Document action close:

1) System will check whether all the issued material is returned and the delivered check box is check and change the Document status to close.

Document Action

Actions

Verify:

Not applicable

Create lines from:

This button will help you to get reference from manufacturing order document no.

Copy from/lines:

This button will help you to copy the Input/item lines from another subcontract issue line. We need to mention the issue number to copy it.

<custom actions>

Not applicable

Process

Issue Process

The screenshot displays the SAP Subcontract Issue form. The top navigation bar includes 'Home (20)', 'Summary', and 'Subcontract Issue: 1000052 ...'. The form fields are as follows:

- Client**: Konnect Demo
- Target Document Type**: Subcontract Issue
- Document No**: 1000052
- Name**: test
- Description**: (Empty)
- Vendor**: Test vendor
- Organization**: Manufacturing Discrete
- Post Date**: 28/12/2022
- Purchase Order**: 800188
- Subcontract receipt**: (Empty)
- Partner Location**: coimbatore

A context menu is open over the 'Create lines from' button, showing the following options:

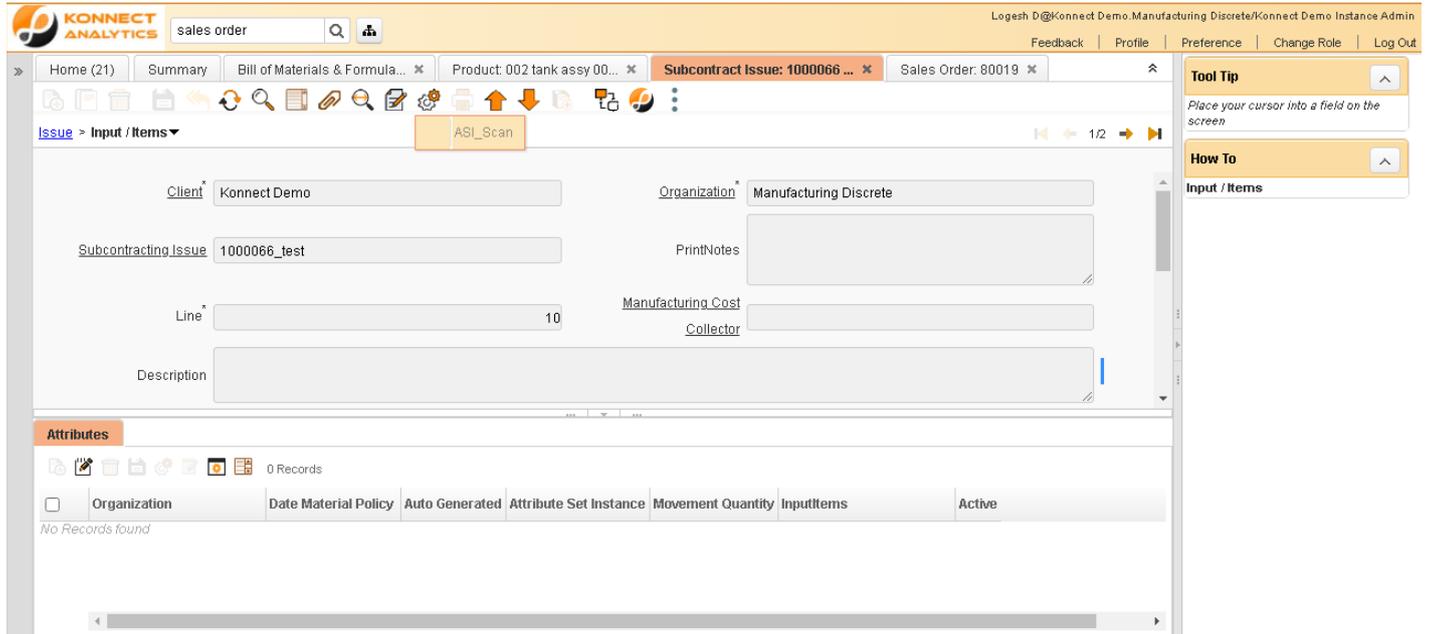
- Create lines from
- CopyFrom Issue
- ASI Product Scan
- Post
- DocumentAction

Below the form, the 'Input / Items' table is visible, showing 2 records:

Organization	Description	Subcontracting Issue	Product	Attribute
Manufacturing Discrete		1000052_test	Test raw material_Test ra...	
Manufacturing Discrete		1000052_test	Test raw material_Test ra...	

- 1) **Create lines from** : It is used to generate subcontract issue for certain product with reference to manufacturing order.
- 2) **Copy from issue** : Copy line process will help you to copy the subcontract issue lines from any subcontract issue.

Input/ items process



1) **ASI Scan** : Its help to scan multiple serial numbers and it will populate concurrent serial numbers in Attribute tab

Video

Video

Issue Video

Reports

S.NO	Report type	Report Name	Report Purpose
1	Menu Report	Subcontract issue overview report	This report is used to track how much quantity issued, received & pending quantity to be received from the vendor with document no.
2	Menu Report	Subcontract Reconciliation report	This report is used to track how much quantity issued to vendor, received from vendor & pending quantity yet to be received from vendor. Report will be displayed with vendor name, document date & document no.
3	SQL Report	Subcontract stock report	Sum of issue quantity, receipt quantity & pending quantity with vendor name.
4	SQL Report	Subcontract Reconciliation with Value	This report is used to track how much quantity issued to vendor, received from vendor & balance quantity yet to be received from vendor with value. Purchase order value will be displayed if invoice done against it.

Form and process

Short Close Issue

Home (116) Summary Short Close Issue

Do you want to start the Process?
Short Close the Subcontract Issue, The process will check the already delivered qty and move the remaining qty from SubContract Warehouse to the original Warehouse and mark the issue as completed

Subcontracting Issue: [Dropdown]

Account Date: [Date Picker]

Scrap
 Unprocessed
 Run as Job

Saved Parameters: [Dropdown] [Save] [Refresh]

OK Cancel

Parameters :

- 1) Subcontracting Issue : It is used to mention the subcontract Issue document no.
- 2) Account Date : It is used to subcontract Issue account date.
- 3) Scrap : It will be selected if product needs to be moved to scrap.
- 4) Unprocessed : It will be selected if material received in Unprocessed condition.

Process use :

By using this process we can able to short close subcontract Issue.

If partial Quantity received from vendor in without process we can able to receive it by selecting Unprocessed check box.