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Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax
	External Process
	Business Process Alternative/Decision Choice

Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.
Example text	Emphasized words or phrases in body text, titles of graphics and tables.
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.

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Third-Party Order Processing with Subcontracting

1 Purpose

In third-party order processing, your company does not deliver the items requested by a customer. Instead, you pass the order along to a third-party vendor or subcontractor who then ships the goods directly to the customer and bills you.

As of ERP Enhancement Package 5 you can notify your contract manufacturers to ship the finished product directly to the end-customer. This functionality can be activated with business function LOG_MM_OM_2.

When entering the sales order for the end-customer a subcontracting purchase requisition can be created automatically afterwards. This purchasing document combines the third-party process with subcontracting functionality, for example components can be assigned to the purchase requisition and purchase order. Additionally the purchasing document contains the delivery address of the end-customer.

2 Prerequisites

2.1 Master Data and Organizational Data

Default Values

Essential master and organizational data was created in your ERP system during the implementation phase, such as the data that reflects the organizational structure of your company and master data that suits its operational focus, for example, master data for materials, vendors, and customers.

The business process is enabled with this organization-specific master data, examples of which are provided in the next section.



Additional Default Values

You can test the scope item with other SAP Best Practices default values that have the same characteristics.

Check your SAP ECC system to find out which other material master data exists.



Using Your Own Master Data

You can also use customized values for any material or organizational data for which you have created master data. For more information about creating master data, see the Master Data Procedures documentation.

Use the following master data in the process steps described in this document:

Master / Org. Data	Value	Master / Org. Data Details	Comments
Material	H252	Trading Good for third-party order processing with subcontracting components (item category group YDDS no Serial no.; no batch	

Master / Org. Data	Value	Master / Org. Data Details	Comments
Material	R13	RAW13,PD,Subcontracting component no Serial no.; no batch	
Sold-to party	100000	Customer domestic 00	You can test the scope item using another domestic customer.  If you want to send form print outs via e-mail instead of using the print functionality make sure that you have maintained a valid e-mail address in the customer master data. For details please refer to the following documents:  Create Customer Master (155.18) Printing : Forms adaptation guide.doc)
Ship-to party	100000	Customer domestic 00	
Payer	100000	Customer domestic 00	
Plant	1000		
Storage Location	1020	Production Storage Location	
Shipping Point	1000	Shipping Point 1000	
Sales organization	1000		
Distribution channel	10		
Division	10		
Company Code	1000		
Vendor	300007	Vendor Domestic 07-S Doc. d	Vendor Services  If you want to send form print outs via e-mail instead of using the print functionality make sure that you have maintained a valid e-mail address in the vendor master data. For details please refer to the following documents:  Create Vendor Master (155.14)

Master / Org. Data	Value	Master / Org. Data Details	Comments
			Printing : Forms adaptation guide.doc
Purchase Organization	1000	Purch. Org. 1000	
Purchase group	100	Group 100	Plant 1000

2.2 Business Conditions

The business process described in this *Business Process Documentation* is part of a bigger chain of integrated business processes or scope items. As a consequence, you must have completed the following processes and fulfilled the following business conditions before you can start going through this scope item:

Business Condition	Scope item
You have completed all relevant steps described in the Business Process Documentation <i>Prereq. Process Steps (154)</i> .	Prereq. Process Steps (154)

2.3 Roles

Use

The following roles must already have been installed to test this scope item in the SAP NetWeaver Business Client (NWBC). The roles in this Business Process Documentation must be assigned to the user or users testing this scope item. You only need these roles if you are using the NWBC interface. You do not need these roles if you are using the standard SAP GUI.

Prerequisites

The business roles have been assigned to the user who is testing this scope item.

Business Role	Technical Name	Process Step
Employee (Professional User)	SAP_NBPR_EMPLOYEE_S	Assignment of this role is necessary for basic functionality.
Sales Administrator	SAP_NBPR_SALESPERSON_S	Create Third-Party Sales Order, Change Order Quantity
Purchaser	SAP_NBPR_PURCHASER_S	Display List of Purchase Requisitions to be Assigned, Convert Assigned Requisitions to Purchase Orders Stock Monitoring for Vendor
Purchasing Manager	SAP_NBPR_PURCHASER_M	Approval of Purchase Orders
Accounts Payable Accountant	SAP_NBPR_AP_CLERK_S	Invoice verification: Enter (Vendor) Invoice
Billing Administrator	SAP_NBPR_BILLING_S	Billing Accounts Receivable
Warehouse Clerk	SAP_NBPR_WAREHOUSECLERK_S	Post Statistical Goods Receipt

2.4 Defining Queries for Personal Object Worklist (POWL)

The following queries must be defined to test this scope item in the SAP NetWeaver Business Client (NWBC). You only need these queries if you are using the NWBC interface. You do not need these queries if you are using the standard SAP GUI.

The queries are necessary to access role-specific worklists in the SAP NetWeaver Business Client (NWBC).



For more information about creating queries, see the section Creation of Queries in Personal Object Worklists (POWLs) in the *Quick Guide to Implementing the SAP Best Practices Baseline Package (MX)* document.

Business Role	Application	Object Type	Variant Name	Variant Selections	Selection Criteria	Query Name
Warehouse Clerk	Goods receipt	All Purchasing Documents Ready for Goods Receipt	-	-	Company Code: 1000 Plant: 1000 / 1100	All Purchasing Documents Ready for Goods Receipt

Result

You can now process the scope item *Third-Party Order Processing with Subcontracting (252)*.

3 Process Overview Table

Process Step	External Process Reference	Business Condition	Business Role	Transaction Code	Expected Results
Create Third-Party Sales Order			Sales Administrator	VA01	Sales order has been created. Purchase requisition has been generated.
Change Order Quantity (Optional)			Sales Administrator	VA02	Purchase order is created. The system creates a message for the purchase order automatically.
Display List of Purchase Requisitions to be Assigned			Purchaser	ME57	
Convert Assigned Requisitions to Purchase Orders			Purchaser	ME58	Requisition is converted to Purchase Order
Approval of Purchase Orders Create outbound delivery for sub-contracting comp.			Purchasing Manager Warehouse Clerk	ME28 ME2ON VL02N	Purchase Order is approved Subc. Component is sent to vendor
Post Statistical Goods Receipt			Warehouse Clerk	MIGO	Goods receipt is posted
Invoice verification: Enter (Vendor) Invoice			Accounts Payable Accountant	MIRO	Invoice is created
<i>Outgoing Payment</i>	<i>See Accounts Payable (outgoing payment) (158) scope item</i>		<i>See scope item no. 158</i>	<i>See scope item no. 158</i>	<i>See scope item no. 158</i>
Billing			Billing Administrator	VF04	Billing is created
<i>Incoming Payment</i>	<i>Accounts Receivable (157)</i>		<i>Accounts Receivable</i>	<i>See scope item no. 157</i>	<i>See scope item no. 157</i>
<i>Closing Operations</i>	<i>Sales: Period End Closing Operations (203)</i>				

4 Process Steps

4.1 Creating Third-Party Sales Order

Use

In this activity, you create a Third-Party Sales Order.

Procedure

Option 1: SAP Graphical User Interface (SAP GUI)

1. Access the transaction choosing the following navigational option:

SAP ECC menu	<i>Logistics → Sales and Distribution → Sales → Order → Create</i>
Transaction code	VA01

2. Enter the *Order Type* **OR** (Standard order) and choose *Enter*.
3. Make the following entries:

Field name	Description	User action and values	Comment
<i>Sold-to party</i>		< <i>Sold-to party</i> >	100000
<i>PO Number</i>		< <i>PO Number</i> >	ORD-001
<i>Req. deliv. Date</i>		<date>	
<i>Pricing date</i>		<date>	
<i>Material</i>		< <i>Material</i> >	H252
<i>Order quantity</i>		< <i>Order quantity</i> >	100
<i>Item Category</i>		< <i>Item Category</i> >	YDDS

4. Choose *Enter*.
5. If necessary, copy the confirmed-quantity date or choose *Complete dlv.*
6. Go back to the *Create Standard Order Overview* screen.
7. Save your entries. Make a note of the sales order number: _____

Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role

1. Access the transaction choosing the following navigational option:

Business role	Sales Administrator (SAP_NBPR_SALESPERSON_S)
Business role menu	<i>Sales → Customer Cockpit → Customer Cockpit → Access Customer Cockpit</i>

2. Make the following entries and choose *Display Customer*:

Field name	Description	User action and values	Comment
<i>Customer Number</i>		< <i>Customer Number</i> >	100000

3. On the *Customer Cockpit* screen, select the following option:

Field name	Description	User action and values	Comment
------------	-------------	------------------------	---------

Other Activities		Create Order	
------------------	--	--------------	--

4. On the *Create Sales Order* screen, make the following entries and choose *Continue*:

Field name	Description	User action and values	Comment
<i>Sales Document Type</i>		<Sales Document Type>	OR Standard Order

5. On the *Standard Order: New* screen, make the following entries:

Field name	Description	User action and values	Comment
<i>PO number</i>		< PO number>	ORD-001
<i>Req. deliv. Date</i>		<date>	
<i>Material</i>		<Material number>	H252
<i>Order Quantity</i>		<Quantity>	100
<i>Item Category</i>		YDDS	YDDS

6. Choose *Save Document*. Make a note of the sales order number: _____

Result

The third-party sales order for subcontracting has been created. A Purchase Requisition has been created automatically. The order confirmation is only processed when the purchase requisition has been converted into a purchase order.



The print out of the order confirmation is executed automatically after the purchase requisition has been transferred to a purchase order (see chapter “Convert Assigned Requisitions to Purchase Orders”, see settings in SAP GUI transaction VV13 for Output Type BA00 and defaults in your user settings in transaction SU3).

You can also start the print out manually after you have completed all the steps on chapter “Convert Assigned Requisitions to Purchase Orders”:

Option 1: SAP Graphical User Interface (SAP GUI)

SAP ECC menu	<i>Logistics → Sales and Distribution → Sales → Order → Display</i>
Transaction code	VA03

1. Enter the order number on the *Display Sales Order: Initial Screen*: From the menu choose *Sales Document → Issue Output to*.
2. Select the line with the message type *BA00*.
3. Choose *Print*.

Option 2: SAP NetWeaver Business Client (SAP NWBC) via Business Role

Business role	Sales Administrator (SAP_NBPR_SALESPERSON_S)
Business role menu	<i>Sales → Sales Orders → Sales Order Processing → Sales Documents Worklist</i>

1. From the *Active Queries* of category *Sales Orders* choose the query *Search* (refresh the current query if necessary).
2. Select your sales order and choose *Sales Document in PDF-Format*.

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