

Back-to-back sales order: -

In back-to-back sales order after submitting the sales order, the application will verify on hand quantity of the item, if we have on-hand, then it is standard sales order. Your item should not have on-hand, then application will create a supply (PR, PO etc) for the back-to-back case.

Sales order → submit → Purchase requisition(application automatically creates)
 → Purchase order (ship to location is our warehouse location) → Receive → Picking
 → shipping → AR invoice to the customer → receive payment from the customer → GL (post in the general ledger).
 → Ap invoice to the Supplier → Payment to the supplier → GL

Prerequisites:

Item	Description	Approval Status	Item Status	Long Description	Item Class	Organization
AS00102	Oracle Linux	Approved	Active	Combined application with market i...	Software	000
AS00102	Oracle Linux	Approved	Active	Oracle Linux brings the latest Linux...	Software	001
AS00102	Oracle Linux	Approved	Active	Oracle Linux brings the latest Linux...	Software	002
AS00102	Oracle Linux	Approved	Active	Oracle Linux brings the latest Linux...	Software	003

Take the master item.

1. Your item attribute : Back-to-back enabled: Yes

AS00102

Specifications

Purchasing

Purchased: Yes
Use Approved Supplier: No
Negotiation Required:

Input Tax Classification Code:
Unit of Issue:
Invoice Close Tolerance Percentage:
Hazard Class:
Asset Category:

Purchasable: Yes
Allow Purchasing Document Description Update: Yes
Taxable: Yes
Default Buyer:
Receipt Close Tolerance Percentage:
UN Number:

Purchase Price: 83
Price Tolerance Percentage:
Rounding Factor:
Last Contract Price:

2. Your item do not have on-hand quantity.

Manage Item Quantities

Advanced Search

Item: AS00102
Organization: 001
View Item Quantity By: Item

On Hand: Receiving:
Inbound:

Search Results

Item	Quantity			
	On Hand	Receiving	Inbound	UOM Name
Item AS00102	10			Ea

For the item, the on-hand quantity is 10, I will make the item have no-hand quantity.

Create Miscellaneous Transaction

Transaction

Date: 1/25/2025 12:16 PM
Type: Miscellaneous issue
Source:
Account: 101.10.22185.000.000.000
Use Current Item Cost: Yes
 Enter transactions by serial numbers

Transaction Lines

Line	* Item	* SubInventory Locator	* UOM Name	* Quantity	* Use Current Item Cost	* Account
1	AS00102	Stores	Ea	-10	Yes	101.10.22185.000.000.000

Line 1: Availability

Available Quantity	Secondary Available Quantity
10 Ea	Secondary On-Hand Quantity
On-Hand Quantity	Secondary On-Hand Quantity

Now the item do not have any on-hand quantity.

New item also we can create, enable back to back, purchase price and also need to run the collections.

Create Sales Order	Buy from - Supplier, if onhand is there - no supply created
Submit Sales Order	
Verify Supply Order - Purchase Requisition	
Create Purchase Order	
Receive the stock	
Pick	
Ship	
Invoice	

The above are the steps for back-to-back sales order.

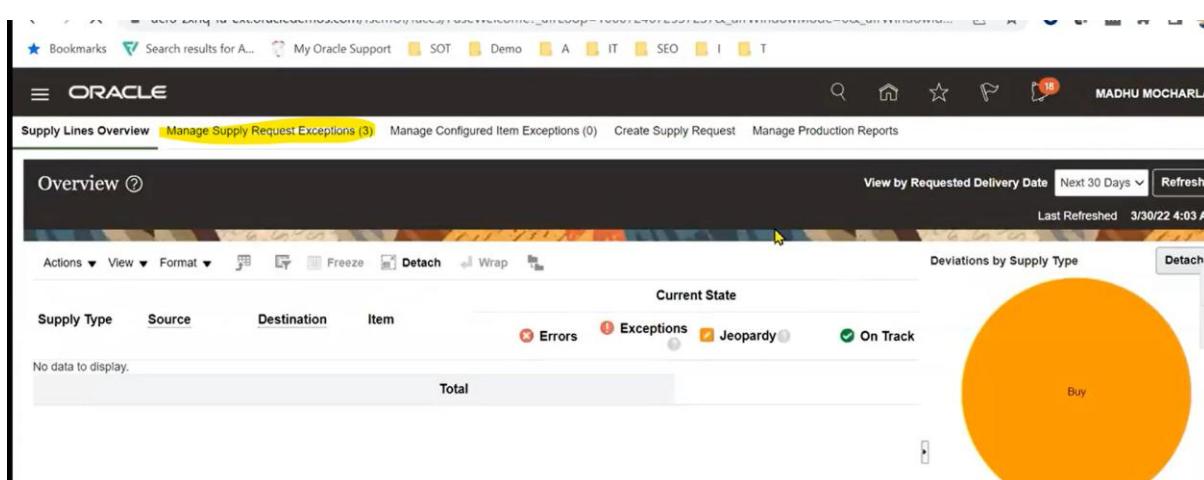
For back to back sales order, sourcing rule setup is mandatory.

Role: if any issues are coming you have to add the Role

Supply chain Operations Manager: Monitor supply orders from supply orchestration.

In back-to-back, min-max supply will be created.

We will find the issue, why the supply will not be updated, from the supply orchestration



The screenshot shows a search interface with various filters like Request Batch, Request Reference, Request Source, Exception Date, Request Status, Days Since Record Created, Item, Destination, and Supply Type. Below the filters is a table titled "Search Results" with columns: Request Batch, Request Source, Request Reference, Item, Description, Requested Quantity, UOM, Requested Delivery Date, Supply Type, Movement Request, and Destination. One row is visible: Request Batch 3000002243467..., Request Source Oracle Fusion Order Management, Request Reference 97539, Item KMC ITEM 2, Description KMC ITEM 2, Requested Quantity 1 Ea, Requested Delivery Date 3/30/22 11:59 PM, Supply Type Unassigned, Movement Request No, Destination KMC HYD INV Below the table, an "Exception Message" dialog box is open with the message: "The supply request failed because Global Order Promising didn't create a supply recommendation. For details about...".

Failed due to GOP did not create the supply recommendation for the item.

Back to Back Sales Order Observations (05 March 2021)

Sourcing Rule is Required, Buy - Buy from (Global/Local), Make - Make at (Local Sourcing Rule)

In the sales order screen select the warehouse
Sourcing Assignment Set condition should be Item & Organization
Item should be back 2 back enabled
Requisition business function options - Line type should be Goods
List Price/purchase price required
for the same item if you dont provide warehouse in the sales order screen it identifies as a dropship because of the Buy from sc
Item can be back 2 back enabled but it could be used for dropship based on the supplier selection in the sales order screen or Bu
User Requisition preference should be set to Inventory
During process requisition screen try changing the defaulted supplier
If there is enough onhand it is standard sales order and no onhand back to back order

For back to back sales order, sourcing rule setup is mandatory.

Global Order Promising

Global Order Promising Overview

Key performance indicators (KPIs) shown in cards:

- Schedule Performance: 0.0%
- Late Demand Count: 50
- Late Demand Value: 0.0M
- Financial Performance: 04.10%

Right sidebar menu:

- Order Promising Rules
 - Manage ATP Rules
 - Manage Supply Allocation Rules
 - Manage Sourcing Rules**
 - Manage Bills of Distribution
 - Manage Real-Time Supply Update Rule
 - Manage Assignment Sets
 - Collect Planning Data
 - Load Planning Data from Files
 - Maintain Supply Network Model
 - Review Planning Calendars
 - Review Planning Calendar Allocation

I have created the sales order. Now assign this sourcing rule. Goto sourcing assignments.

Search with Global

Save and close. After that run the program.

The screenshot shows two overlapping windows from the Oracle Fusion Middleware interface:

- Schedule New Process Dialog:** This window is titled "Schedule New Process". It has a "Type" section with radio buttons for "Job" (selected) and "Job Set". The "Name" field contains "Refresh and Start the Order Promising Server". The "Description" field states: "Refresh the data used by the Oracle Fusion Global Order Promising server and start the order promising server." At the bottom are "OK" and "Cancel" buttons.
- Process Details Dialog:** This window is titled "Process Details". It displays the process name "Refresh and Start the Order Promising Server" and its description: "Refresh the data used by the Oracle Fusion Glob...". It includes a "Schedule" field set to "As soon as possible" and a "Submission Notes" field. A "Notify me when this process ends" checkbox is checked. At the top right are "Process Options", "Advanced", "Submit" (highlighted in yellow), and "Cancel" buttons.

Select all and submit, it. (sourcing and item attributes) are compulsory.

After successful completion of program, I am trying to create the sales order.

The screenshot shows the "Create Order: Computer Service and Rentals" screen:

- Header:** Shows the URL "fa-euth-dev39-saasdemo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=ue44je730_500&_adf.ctrl-state=6024569736540514&_adf.ctrl-state=ue44je730_500&_adf.ctrl-state=6024570696771855", a "Verify it's you" button, and a "Saved Search" dropdown.
- Customer Information:** Fields include "Customer" (set to "Computer Service and Rentals"), "Contact" (set to "Evelyn Duncan"), "Contact Method" (empty), "Ordered Date" (set to "1/25/25 6:12 PM"), "Purchase Order" (empty), and "Order Type" (empty).
- Business Unit:** "Business Unit" is set to "US1 Business Unit". Other fields in this group include "Bill-to Customer" (set to "Computer Service and Rentals"), "Bill-to Account" (set to "10060"), "Ship-to Customer" (set to "Computer Service and Rentals"), "Ship-to Address" (set to "301 E Summit Hill Dr,KNOXVILLE, TN 37915 Knox"), and "Sales Agreement" (empty).
- Sales Credits:** A "Sales Credits" section is shown with a "Sales Credits" button.
- Order Lines:** A table titled "Order Lines" is displayed. It has columns: Item, Duration, Period, Sales Agreement, Sales Agreement Line, Sales Agreement Version, Quantity, UOM, On Hand, and Your Price. One row is visible: "1 AS00102- Oracle Linux". Buttons at the top of the table include "Select Item", "Update Lines", "Add", "Actions", "View", "Freeze", and "Detach".

fa-euth-dev39-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=ue44je730_10

Customer: Computer Service and Rentals	Business Unit: US1 Business Unit
Contact: Evelyn Duncan	Bill-to Customer: Computer Service and Rentals
Contact Method:	Bill-to Account: 10060
* Ordered Date: 1/25/25 6:12 PM	Ship-to Customer: Computer Service and Rentals
Purchase Order:	Ship-to Address: 301 E Summit Hill Dr, KNOXVILLE, TN 37915 Knox
Order Type:	Sales Agreement:
Sales Credits	

Shipment Details

General Shipping Supply

Ship-to Contact: Evelyn Duncan	Request Type: Ship on
Ship-to Contact Method:	Requested Date: 1/25/25 6:12 PM
Shipping Method: DHL Air Next day air	
Ship Lines Together: No	

fa-euth-dev39-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=ue44je730_10

Customer: Computer Service and Rentals	Business Unit: US1 Business Unit
Contact: Evelyn Duncan	Bill-to Customer: Computer Service and Rentals
Contact Method:	Bill-to Account: 10060
* Ordered Date: 1/25/25 6:12 PM	Ship-to Customer: Computer Service and Rentals
Purchase Order:	Ship-to Address: 301 E Summit Hill Dr, KNOXVILLE, TN 37915 Knox
Order Type:	Sales Agreement:
Sales Credits	

Shipment Details

General **Shipping** Supply

Latest Acceptable Date: m/d/y h:mm a	Allow Partial Shipments of Lines: Yes
Earliest Acceptable Date: m/d/y h:mm a	Shipment Priority: Low
FOB: Origin	Shipping Instructions:
Freight Terms: Prepaid freight	Packing Instructions:

fa-euth-dev39-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=ue44je730_10

Customer: Computer Service and Rentals	Business Unit: US1 Business Unit
Contact: Evelyn Duncan	Bill-to Customer: Computer Service and Rentals
Contact Method:	Bill-to Account: 10060
* Ordered Date: 1/25/25 6:12 PM	Ship-to Customer: Computer Service and Rentals
Purchase Order:	Ship-to Address: 301 E Summit Hill Dr, KNOXVILLE, TN 37915 Knox
Order Type:	Sales Agreement:
Sales Credits	

Shipment Details

General Shipping Supply

Warehouse: 001-Sravasti	Demand Class:
Supplier:	Allow Item Substitution: No
Supplier Site:	

Submit it

Order: KMC Amazon - 97540 - Processing

Currency = Indian Rupee

Customer	KMC Amazon (807803)	Business Unit	KMC INDIA BU																
Contact		Bill-to Customer	KMC Amazon																
Contact Method		Bill-to Account	50116																
Ordered Date	3/30/22 4:12 AM	Ship-to Customer	KMC Amazon																
Purchase Order		Ship-to Address	#448x2F,A, 302, Geethanjali Apartments,Opp SR Nagar Police Station, Sanjeev Reddy Nagar, HYDERABAD-500038,INDIA																
Order Type		Sales Credits																	
Sales Agreement																			
Order Lines <table border="1"> <thead> <tr> <th>Item</th> <th>Status</th> <th>Duration Period</th> <th>Quantity</th> <th>Sales Agreement</th> <th>Sales Agreement Line</th> <th>Sales Agreement Version</th> <th>UOM</th> </tr> </thead> <tbody> <tr> <td>1 KMC ITEM 2 - KMC ITEM 2</td> <td>Scheduled</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>Ea</td> </tr> </tbody> </table>				Item	Status	Duration Period	Quantity	Sales Agreement	Sales Agreement Line	Sales Agreement Version	UOM	1 KMC ITEM 2 - KMC ITEM 2	Scheduled		1				Ea
Item	Status	Duration Period	Quantity	Sales Agreement	Sales Agreement Line	Sales Agreement Version	UOM												
1 KMC ITEM 2 - KMC ITEM 2	Scheduled		1				Ea												

Fulfillment Line 97584 - 1-1: Details

- Analytics
- Attributes

Supply Details

Warehouse	KMCH	Promised Ship Date		Earliest Acceptable Ship Date	
Warehouse Name	KMC HYD INV ORG	Mode of Transport	Air	Latest Acceptable Arrival Date	
Subinventory		Service Level	Air	Latest Acceptable Ship Date	
Requested Arrival Date		Allow Split Shipments	✓	Reserved Quantity	
Requested Ship Date	4/1/22 3:17 AM	Override Schedule	—	Reservable	—
Scheduled Arrival Date	4/1/22 11:59 PM	Allow Item Substitution	—	Carrier	KMC DTDC
Scheduled Ship Date	4/1/22 11:59 PM	Substitution Reason			
Promised Arrival Date		Scheduling Reason			
Back-to-Back					
Supply Order Number	300000224488268	Supply Status	Awaiting supply		

Supply order is created, if we don't have the availability.

Click on the supply order number.

Request Source: Oracle Fusion Order Management

Request Reference: 97584

Request Date: 4/1/22 3:19 AM

Status: In process

Attachments: None

Notes:

Supply Lines

Line	Supply Type	Item	Item Category	Description	Requested Quantity	Fulfilled Quantity	UOM	Status	Supply Source	Supply Destination	Requested Delivery Date	Customer
1	Available to promise	KMC ITEM 2	KMC ITEM 2		1	0	Ea	In process			4/1/22 11:59 PM	KMC A
1.1	Available to promise	KMC ITEM 2	KMC ITEM 2		0	0	Ea	Canceled	KMC HYD INV ORC	KMC HYD INV ORC	4/1/22 11:59 PM	
1.2	Buy	KMC ITEM 2	KMC ITEM 2		1	0	Ea	In process	MADHU IT TECHN	KMC HYD INV ORC	4/1/22 11:59 PM	

1.2: Line Details

Orchestration Plan Execution Documents Buy Make Transfer

Actions	View	Format	Cancel Supply Line	Freeze	Detach	Wrap	
Document Number	Document Type	Item	Item Description	Revision	Quantity	UOM	Status
REQ3	Purchase requisition	KMC ITEM 2	KMC ITEM 2		1	Ea	Created

We can able to see the document type, document number. Current status is in purchasing.

PR Number: REQ3

Sales order -> Submit -> Purchase Requisition -> Purchase Order -> Receive (onhand increased) -> Pick -> Ship
-> AR Invoice
-> AP Invoice

This is the flow. We are converting PR into PO, receive the goods, on-hand quantity increased, then do the picking, shipping and create AR invoice for the customer, AP invoice for the Supplier.

Here we are getting item for 100 USD, sell the item to the customer for 150 USD, here organization is getting some margin.

Goto Procurement> process requisition

Process Requisitions

Search Results: Requisition Lines

	Requisition	Line	Line Description	Requester	Quantity	UOM	Price	Amount	Currency
	REQ3	1	KMC ITEM 2	MADHU MOC...	1	Ea	83.000	83.000	INR

Add to Document Builder**Selected Requisition Lines**

Actions ▾ View ▾ Format ▾

Requisition	Line	Line Description	Requester	Amount	Currency
REQ3	1	KMC ITEM 2	MOCHARLA, M...	83.000	INR

< >

Add All Selected

Type

Source Agreement

* Style

Supplier

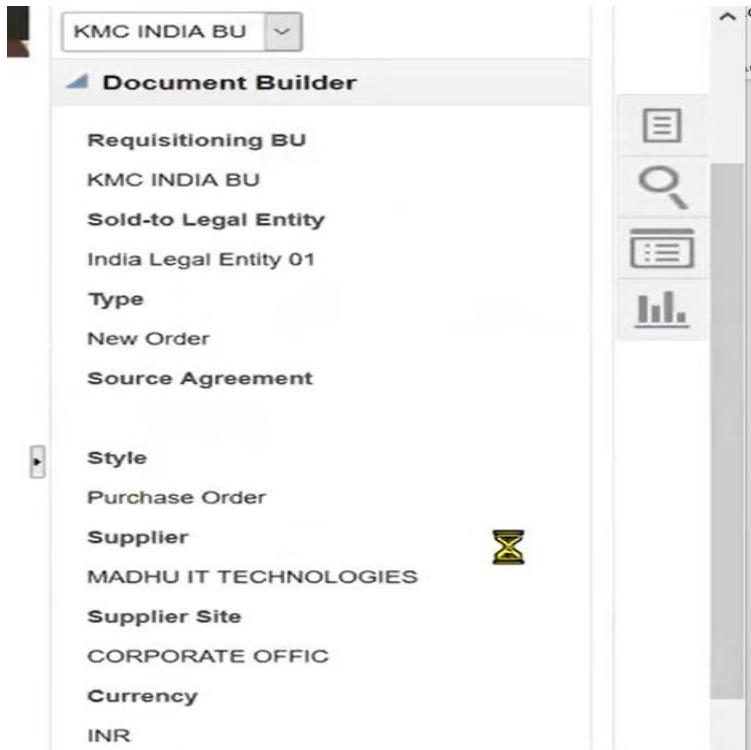
Supplier Site

* Currency

Click on ok

Here supplier is defaulted from sourcing rule. We provided the supplier under the sourcing rule.

That's why for B2B sourcing rule is required because it needs to identify the supplier, etc.



Edit Document (Purchase Order): 711240 ★

Main Contract Terms

General

- Procurement BU: KMC INDIA BU
- Requisitioning BU: KMC INDIA BU
- Sold-to Legal Entity: India Legal Entity 01
- Bill-to BU: KMC INDIA BU
- Order: 711240
- Status: Incomplete
- * Buyer: MOCHARLA, MADHU
- Creation Date: 4/1/22

Information

The document (Purchase Order) 711240 was created.

Supplier Site: CORPORATE OFFIC

Supplier Contact: [empty]

Communication Method: None

Bill-to Location: KMC HYD LOC

Default Ship-to Location: KMC HYD LOC

Currency: INR

Ordered: 83.000 INR

Total Tax: 0.000 INR

Total: 83.000 INR

Procurement Card:

Description: [empty]

Requisition: REQ3

Agreement:

Master Contract: [empty]

Purchase order is created.

From the PO line, we can able to

From the PO line level, schedules, we can able to see the Sales order number.

Submit the purchase order, once the PO is approved, go back to Order management, sales order, go to supply order information.

Next step is Receipt: - receive the stock from the supplier.

Goto Inventory management> Receipts> Receive expected shipments

The first screenshot shows the "Receive Expected Shipments" screen with a search result for "KMC ITEM 2".

The second screenshot shows the "Receive Lines" screen where the item "KMC ITEM 2" is selected for receipt.

The third screenshot shows the "Create Receipt" screen with details like GL Date (4/1/22 3:42 AM), Shipped Date (m/d/yy h:mm a), and Received By (MOCHARLA, MADHU).

Submit it

Once we received the goods, availability increased, so immediately reservation also done.

The screenshot shows the "Supply Lines" section with three items listed:

- Line 1: Available to promise KMC ITEM 2 (Status: In process)
- Line 1.1: Available to promise KMC ITEM 2 (Status: Canceled)
- Line 1.2: Buy KMC ITEM 2 (Status: Awaiting Receipt)

The "Execution Documents" section shows a table with the following data:

Document Number	Document Type	Document Line Number	Quantity	UOM	Status	Creation Date	Available Date
300000224488632	Reservation	3000002244886...	1	Ea	Created	4/1/22 3:40 AM	
711240	Purchase order	1.1	1	Ea	Created	4/1/22 3:39 AM	4/1/22 12:00 AM
REQ3	Purchase requisition	1	1	Ea	Created		

Now the line status will be Awaiting shipping. We need to do picking, shipping.

Picking, shipping and invoice is same as standard sales order.

In B2B, if it is a make item, we have to write the local sourcing rule.

Back to Back Sales Order Observations (05 March 2021)	Sourcing Rule is Required, Buy - Buy from (Global/Local), Make - Make at (Local Sourcing Rule) In the sales order screen select the warehouse Sourcing Assignment Set condition should be Item & Organization Item should be back 2 back enabled Requisition business function options - Line type should be Goods List Price/purchase price required for the same item if you don't provide warehouse in the sales order screen it identifies as a dropship because of the Buy from selected Item can be back 2 back enabled but it could be used for dropship based on the supplier selection in the sales order screen or Business Unit User Requisition preference should be set to Inventory During process requisition screen try changing the defaulted supplier If there is enough onhand it is standard sales order and no onhand back to back order Let say there is onhand-500 and create back to back sales order for 1000 qty will supply order created for 1000 or 500? Buyer can see Sales Order Details in the Purchase Order Schedules -> Select View->All Columns (Customer Sales Order)
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We have to consider make , so we have to take local Rule.4

The screenshot shows a configuration screen for a manufacturing item named "ABC Make From". The "Organization Assignment Type" is set to "Local". The "Organization" dropdown is set to "001". The "Sourcing Rule Effective Dates" section shows a start date of "1/27/25". A table titled "Effective Start Date 1/27/25: Sources" lists one row:

Type	Organization	Supplier	Supplier Site	Supplier Site Source System	* Allocation Percent	* Rank	Shipping Method	Carrier Name	Mode of Transport	Service Level	Transit Time	Exclude I and Opt
Make at	001				100	1						

If it is a manufacturing item, we will make at org(001).