

Make To Stock (MTS) Business Flow in Oracle Applications

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Business Process Flow in Oracle Applications

Case Study:

Dell Computers is manufacturing Computers based on the Orders received from the Customers.

Dell Computer has received an Order from IBM Corporation for supply of Dell Computers. Dell computer Purchases Raw materials from two suppliers for manufacture of Dell Computers.

Motherboard, Floppy Drive, Compact Disc Drive is purchased from Flextronics Inc for manufacture of CPU subassembly.

Monitor, Mouse, Printer is purchased from HP Incorporated for manufacture of Dell Computers. For the purchases made from HP Incorporated, Dell computer Uses Self billing to make payment to the supplier.

The Cost Prices and the Process of Manufacturing is detailed below.

Assumptions:

1. It is assumed that for this cycle all the Basic set up required in Oracle Applications is in order. (i.e) Business group, Set of Books, Operating Unit, and Inventory Org.

Business Group – Vision Operations

Set of Books – Vision Operations

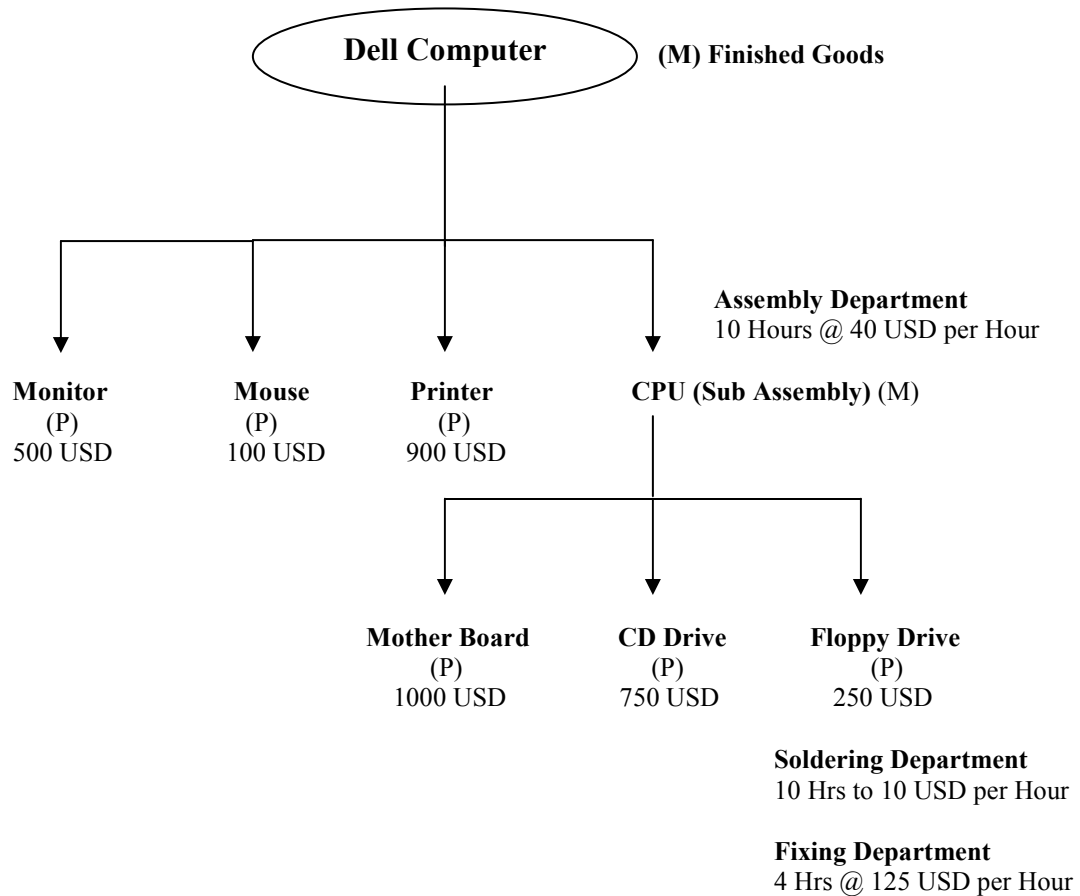
Legal Entity – Vision Operations

Operating Unit – Vision Operations

Inventory Org – M1-Seattle Manufacturing

2. Basic Set up required in Application Modules like (PO, INV, AP, MFG, OM, AR & CM) are in place.
3. For this exercise, we are using Standard Costing which is set in the Inventory Org – M1- Seattle Manufacturing

Dell Computers is Manufacturing Slim Computers and their Manufacturing Process is as follows



P – Stands for Purchased Item

M – Stands for Manufactured Item.

Overheads Apportionment for this Product for each of the Department is as Follows

Soldering Department - 250 USD

Fixing Department - 400 USD

Assembly Department - 350 USD

The Purchase cost of a CPU Sub Assembly Item is as follows

CPU (Sub Assembly)	
Mother Board	1000 USD +
CD Drive	750 USD +
Floppy Drive	250 USD

Purchase Item Cost	2000 USD
	=====

Manufacturing Cost of CPU Sub assembly is as follows

Purchase Item Cost is	2000 USD
Operations Cost	
Soldering Dept Cost	100 USD
Fixing Dept Cost	500 USD
	600 USD
Departmental Overheads	650 USD

Manufacturing Cost of CPU	3250 USD
	=====

The Purchase cost of a CPU Sub Assembly Item is as follows

CPU (Sub Assembly)	2000 USD
Mouse	100 USD
Printer	900 USD
Monitor	500 USD

Purchase Item Cost	3500 USD
	=====

Manufacturing Cost of CPU Sub assembly is as follows

Purchase Item Cost is	3500 USD	} Variable cost of an Item
Operations Cost		
Soldering Dept Cost 100 USD		
Fixing Dept Cost 500 USD		
Assembly Dept Cost 400 USD		
	1000 USD	} Fixed Cost Apportionment
Departmental Overheads	1000 USD	

Manufacturing Cost of Dell Computer	5500 USD	
	=====	
Selling Price of Dell Computer is	6000 USD	

1. Creation of Items

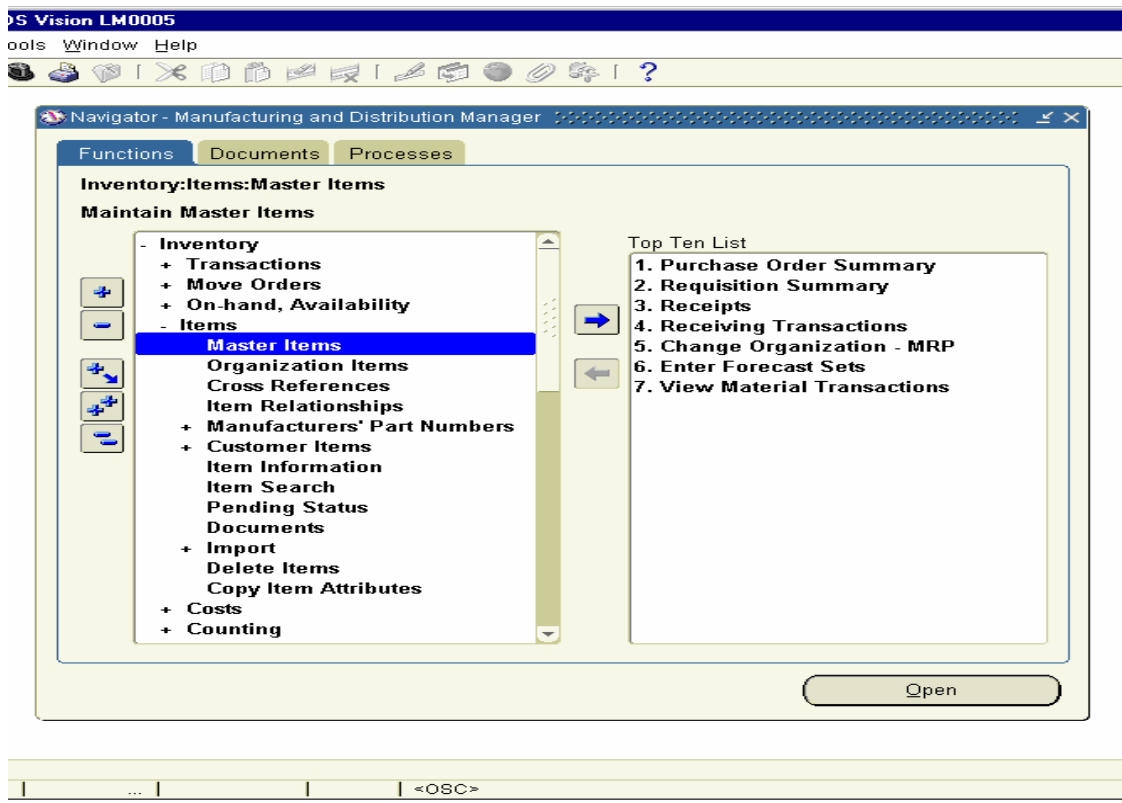
First, We will create Purchased, Subassembly and Finished Goods Items

Entering details in Master Item form for the Purchased Item Floppy Drive

Navigation Path

Manufacturing and Distribution Manager

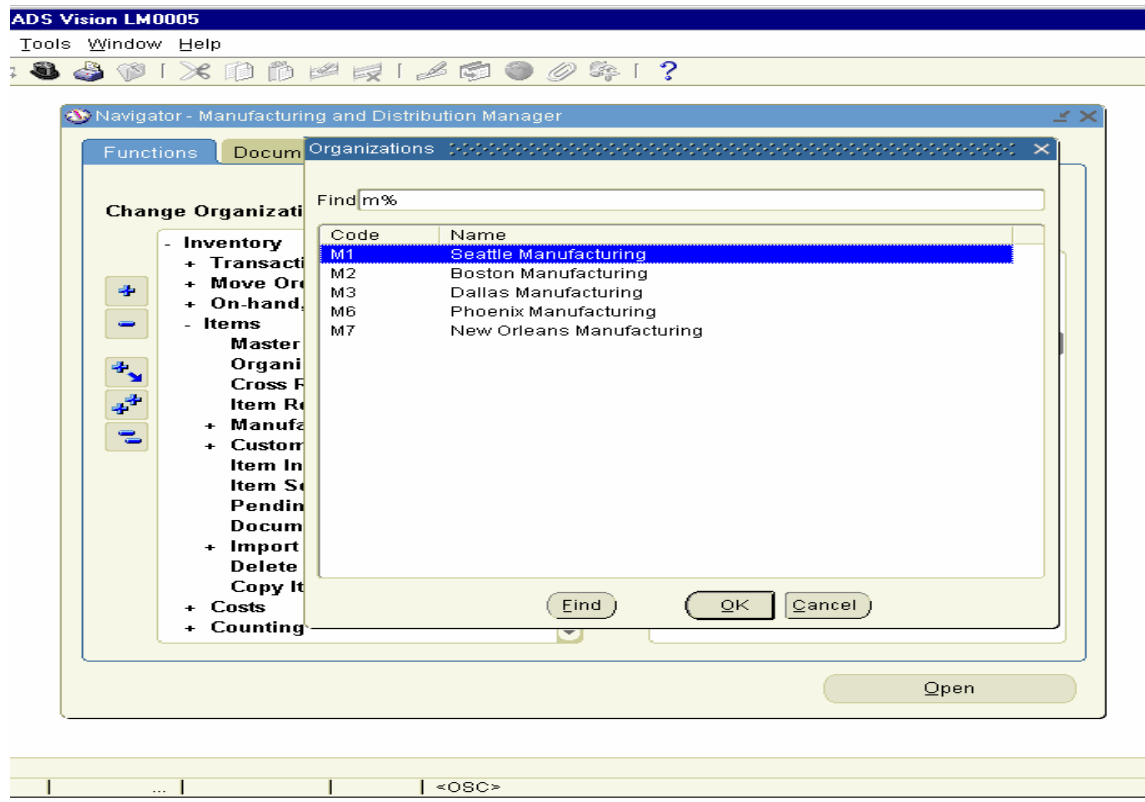
Inventory → Items → Master items



Double Click on Master Items Form

Organization Window will pop up.

Choose M1- Seattle Manufacturing Inventory Organization.



Enter Item Name and Description as Floppy drive and save the item.

Applications - ADS Vision LM0005

View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization: V1 Vision Operations

Item: Floppy Drive

Description: Floppy Drive []

Display Attributes: ☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure

Primary: Each

Dual Control: Non-Dual

Secondary: []

Deviation Factor +: []

Deviation Factor -: []

Conversions: ☐ Standard ☐ Item specific ☒ Both

User Item Type: []

Item Status: Active

Long Description: []

3: Transaction complete: 1 records applied and saved.

<OSC>

Click on Tools Screen and choose copy from Icon from the List of Menu

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Categories
Catalog
Pending Status
Revisions
Item Subinventories
Item Relationships
Manufacturer Part Numbers
Cross References
Item Costs
Engineering Transfer
Organization Assignment
Find Attribute...
Copy From...

Master

Processing and Distribution Manager

Items Processes

Vision Operations

Drive

Drive

Display Attributes

☐ Master ☐ Org ☒ All

Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure

Primary **Each**

Dual Control **Non-Dual**

Secondary

Deviation Factor +

Deviation Factor -

Conversions

☐ Standard
☐ Item specific
☒ Both

User Item Type

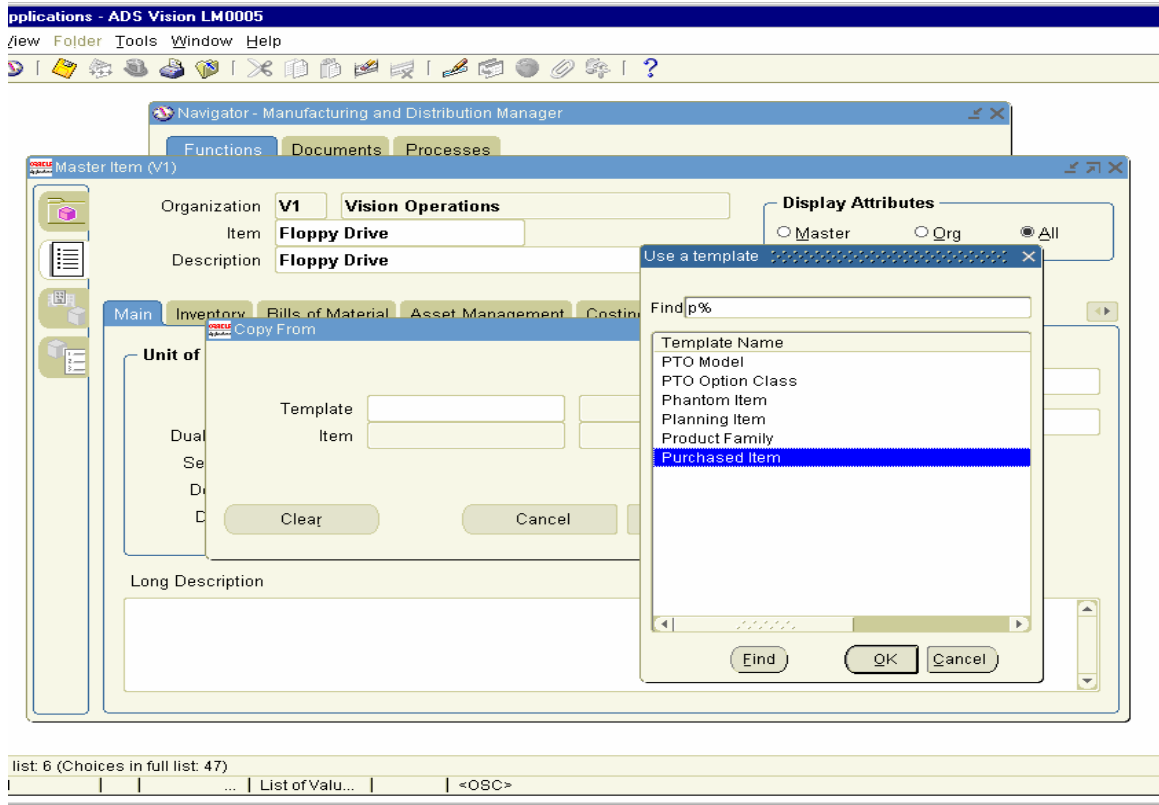
Item Status **Active**

Long Description

Transaction complete: 1 records applied and saved.

<OSC>

Choose the Template Purchased Item from the List of Values and Click OK.



Oracle Provides 16 seeded Templates.

Click on Apply Button First and then Done Button to copy the Attributes of Purchases Item Properties.

Applications - ADS Vision LM0005

View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization: V1 Vision Operations

Item: Floppy Drive

Description: Floppy Drive []

Display Attributes: ☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Copy From

Unit of Measure

Template: Purchased Item

Item: Purchased Item

Clear Cancel Apply Done

Long Description

implemented

<OSC>

You will find in the Field User Item Type Field is shown as Purchased Item and we will see all the other Tabs to ensure is the Item Properties have been copied or not.

Applications - ADS Vision LM0005

File Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization V1 Vision Operations

Item Floppy Drive

Description Floppy Drive []

Display Attributes

☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure

Primary Each

Dual Control Non-Dual

Secondary

Deviation Factor +

Deviation Factor -

Conversions

☐ Standard

☐ Item specific

☒ Both

User Item Type Purchased item

Item Status Active

Long Description

<OSC>

Click on Inventory Tab

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

☒ Inventory Item ☐ Revision Control (D) ☒ Stockable ☒ Reservable (G) ☒ Transactable ☐ Check Material Shortage

Lot Expiration (Shelf Life)
Control **No Control**
Shelf Life Days **0**

☒ Cycle Count Enabled
Negative Measurement Error
Positive Measurement Error

Lot
Control **No Control**
Starting Prefix
Starting Number

Serial
Generation **No Control**
Starting Prefix
Starting Number

Locator Control **No Control** ☐ Restrict Sybinventories ☐ Restrict Locators (J)

< OSC >

Ensure the check Boxes of Inventory Item, Stockable, Transactable and Reservable check boxes are enabled.

Click on Bill of Material Tab

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes

☐ Master ☐ Org ☒ All

Main Inventory **Bills of Material** Asset Management Costing Purchasing Receiving Physical Attributes

☒ BOM Allowed

BOM Item Type **Standard**

Base Model [] []

Effectivity Control **Date**

Configurator Model Type **Standard**

<OSC>

Click on Asset Management Tab

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes

☐ Master ☐ Org ☒ All

Main Inventory Bills of Material **Asset Management** Costing Purchasing Receiving Physical Attributes

Asset Item Type []

Asset Activity Properties

Activity Type [] Shutdown Type []

Activity Cause [] ☐ Activity Notification Required

Activity Source []

<OSC>

Click on Costing Tab and check the following

- a) Costing Enabled check box is checked or Not.
- b) Include in Rollup check box is checked or not. This is required to include the Item cost of this item in Cost roll up of finished goods.

Applications - ADS Vision LM0005

w Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes

☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management **Costing** Purchasing Receiving Physical Attributes

☒ Costing Enabled (P)

☒ Inventory Asset Value (X)

☒ Include In Rollup (Z)

Cost of Goods Sold Account **01-510-5110-0000-000**

Standard Lot Size **1**

<OSC>

Click on Purchasing Tab and enter the List Price Field Value 250. This Price will default when we create Purchase Requisition or Purchase Order for this Item. Ensure the Purchased, Purchasable check boxes are enabled or not.

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing **Purchasing** Receiving Physical Attributes

☒ Purchased ☒ Purchasable ☐ Use Approved Supplier

☒ Allow Description Update RFQ Required **No**

☐ Outside Processing Item Taxable **No**

Unit Type Tax Code

Invoice Matching
Receipt Required **Yes**
Inspection Required

Default Buyer Unit of Issue

Receipt Close Tolerance % Invoice Close Tolerance %

UN Number Hazard Class

List Price **250** Market Price

Price Tolerance **0** % Rounding Factor

Encumbrance Account

Expense Account **01-510-7530-0000-000**

Asset Category

<OSC>

Click on Receiving Tab

Applications - ADS Vision LM0005

File Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing **Receiving** Physical Attributes

Receipt Date Controls

Action []

Days Early []

Days Late []

Valid Transactions

Allow Substitute Receipts []

Allow Unordered Receipts []

Allow Express Transactions []

Overreceipt Quantity Control

Action []

Tolerance [] %

Receipt Routing []

Enforce Ship-To []

Receiving SubInventory []

... | <OSC>

Click on Physical Attributes Tab

Applications - ADS Vision LM0005

w Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes

☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving **Physical Attributes**

Weight

Unit of Measure []

Unit Weight []

Volume

Unit of Measure []

Unit Volume []

Dimensions

Unit of Measure []

Length []

Width []

Height []

Container

☐ Container ☐ Vehicle

Container Type []

Internal Volume []

Maximum Load Weight []

Minimum Fill Percent []

Type

☐ Collateral Item ☐ Electronic Format

☐ Event ☐ Downloadable

☐ Equipment ☐ OM Indivisible

... List of Valu... <OSC>

Click on Right arrow to view the other Tabs

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving **Physical Attributes**

Weight
Unit of Measure []
Unit Weight []

Volume
Unit of Measure []
Unit Volume []

Dimensions
Unit of Measure []
Length []
Width []
Height []

Container
☐ Container ☐ Vehicle
Container Type []
Internal Volume []
Maximum Load Weight []
Minimum Fill Percent []

Type
☐ Collateral Item ☐ Electronic
☐ Event ☐ Download
☐ Equipment ☐ OM Ind

- Main
- Inventory
- Bills of Material
- Asset Management
- Costing
- Purchasing
- Receiving
- **Physical Attributes**
 - General Planning
 - MPS/MRP Planning
 - Lead Times
 - Work In Process
 - Order Management
 - Invoicing
 - Service
 - Web Option

... List of Valu... <OSC>

Click on MRP/MPS Planning tab

Applications - ADS Vision LM0005

File Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

MPS/MRP Planning Lead Times Work In Process Order Management Invoicing Service Web Option

Planning Method **MRP planning** Exception Set

Forecast Control **Consume and derive** Shrinkage Rate

Pegging **End Assembly / Soft Pegging** Acceptable Early Days

☒ Round Order Quantities ☐ Planned Inventory Point ☒ Create Supply

☐ Repetitive Planning

Overrun %

Acceptable Rate + **0**

Acceptable Rate - **0**

MPS Planning

☐ Calculate ATP

Reduce MPS

Planning Time Fence **User-Defined** Days **1**

Demand Time Fence Days

Release Time Fence Days

Substitution Window Days

<OSC>

Click on Lead Times Tab

Applications - ADS Vision LM0005

FileViewFolderToolsWindowHelp

Navigator - Manufacturing and Distribution Manager

FunctionsDocumentsProcesses

Master Item (V1)

OrganizationV1Vision Operations

ItemFloppy Drive

DescriptionFloppy Drive

Display Attributes

Master

Org

All

MPS/MRP PlanningLead TimesWork In ProcessOrder ManagementInvoicingServiceWeb Option

Preprocessing

Processing

Postprocessing0

Fixed

Variable

Cumulative Manufacturing

Cumulative Total

Lead Time Lot Size1

...

<OSC>

Click on Work in Process Tab

Applications - ADS Vision LM0005

View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

MPS/MRP Planning Lead Times **Work In Process** Order Management Invoicing Service Web Option

☐ Build in WIP

Supply

Type **Assembly Pull**

Subinventory

Locator

Scheduling Penalty Per Day

Inventory Carry

Operation Slack

Overcompletion

Tolerance Type

Tolerance Value

<OSC>

Click on Order Management Tab and ensure Customer ordered, Customer Orders enabled, Shippable, OE Transactable, Returnable check boxes are enabled.

Applications - ADS Vision LM0005

/view Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes
☐ Master ☐ Org ☒ All

MPS/MRP Planning Lead Times Work In Process **Order Management** Invoicing Service Web Option

☒ Customer Ordered
☐ Internal Ordered
☐ Pick Components
☐ Assemble to Order
☐ Ship Model Complete

☒ Customer Orders Enabled
☐ Internal Orders Enabled
Check ATP **None**
ATP Rule
ATP Components **None**
Picking Rule
Default Shipping Organization
Default SO Source Type **Internal**
Shipping SubInventory

☒ Shippable
☒ OE Transactable

☒ Returnable
☐ RMA Inspection Required
☐ Financing Allowed

Tolerances
Over Shipment Over Return
Under Shipment Under Return

Click on Invoicing Tab and ensure Invoiceable Item and Invoice enabled check boxes are enabled.

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization **V1** Vision Operations

Item **Floppy Drive**

Description **Floppy Drive** []

Display Attributes

☐ Master ☐ Org ☒ All

MPS/MRP Planning Lead Times Work In Process Order Management **Invoicing** Service Web Option

☒ Invoiceable Item

☒ Invoice Enabled

Accounting Rule

Invoicing Rule

Tax Code

Sales Account **01510-4110-0000-000**

Payment Terms

Click on Service Tab

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization: V1 Vision Operations

Item: Floppy Drive

Description: Floppy Drive []

Display Attributes: ☐ Master ☐ Org ☒ All

MPS/MRP Planning Lead Times Work In Process Order Management Invoicing **Service** Web Option

Contract

Contract Item Type: []

Duration Period: []

Duration: []

Template: []

☐ Subscription Dependency Enabled

Service

Service Importance Level: []

Service Request Enabled: []

☐ Provisionable

☐ Serviceable Product

Billing Type: []

☐ Service Billing Enabled

☐ Defect Tracking Enabled

Recovered Part Disposition: []

Installed Base

☐ Install Base Tracking

Asset Creation: []

Instance Class: []

Starting Delay (Days): []

Click on Web Option Tab and Click on Save Button

The screenshot shows the SAP Master Item (V1) form for 'Floppy Drive'. The form is titled 'Master Item (V1)' and has a menu bar with 'File', 'Folder', 'Tools', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons. The form is divided into several sections. The top section contains the 'Organization' field with value 'V1' and 'Vision Operations', the 'Item' field with value 'Floppy Drive', and the 'Description' field with value 'Floppy Drive'. To the right of these fields is a 'Display Attributes' section with radio buttons for 'Master', 'Org', and 'All', with 'All' selected. Below these fields is a row of tabs: 'MPS/MRP Planning', 'Lead Times', 'Work In Process', 'Order Management', 'Invoicing', 'Service', and 'Web Option'. The 'Web Option' tab is currently selected. The 'Web Option' tab contains a 'Web Status' dropdown menu with 'Unpublished' selected, two checkboxes labeled 'Orderable On the Web' and 'Back Orderable', and a 'Minimum License Quantity' input field.

Applications - ADS Vision LM0005

File Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Master Item (V1)

Organization V1 Vision Operations

Item Floppy Drive

Description Floppy Drive []

Display Attributes

☐ Master ☐ Org ☒ All

MPS/MRP Planning Lead Times Work In Process Order Management Invoicing Service Web Option

Web Status Unpublished

☐ Orderable On the Web

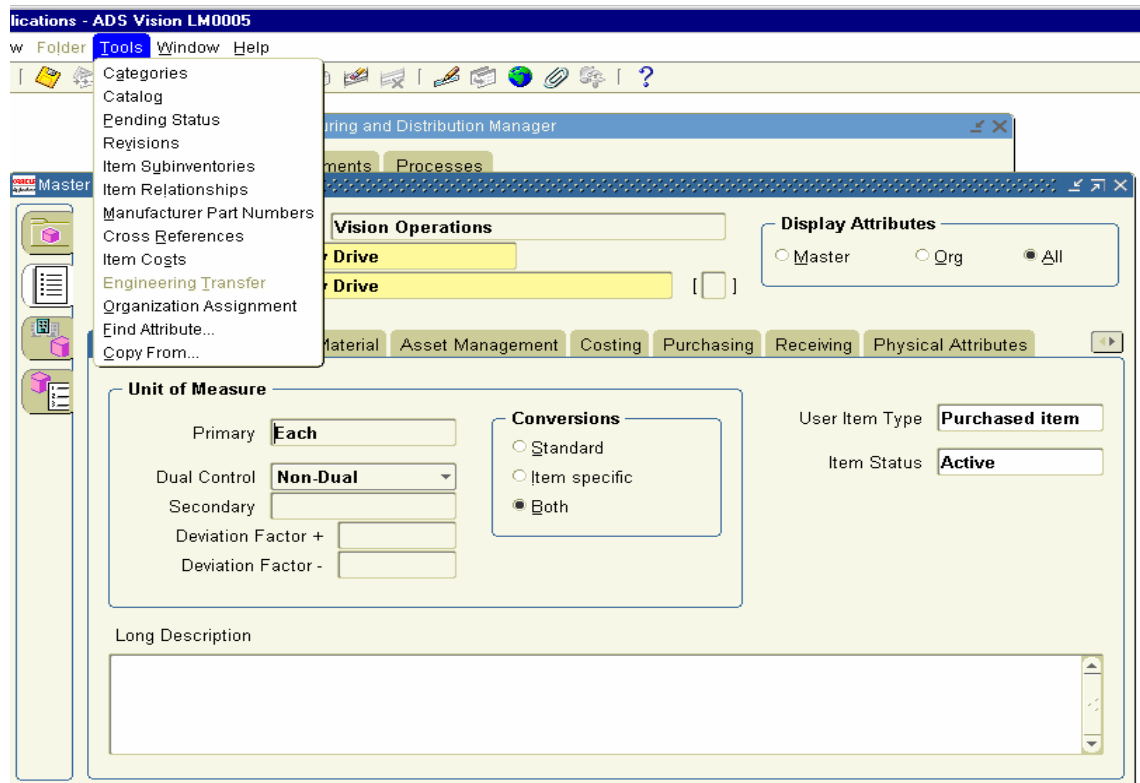
☐ Back Orderable

Minimum License Quantity

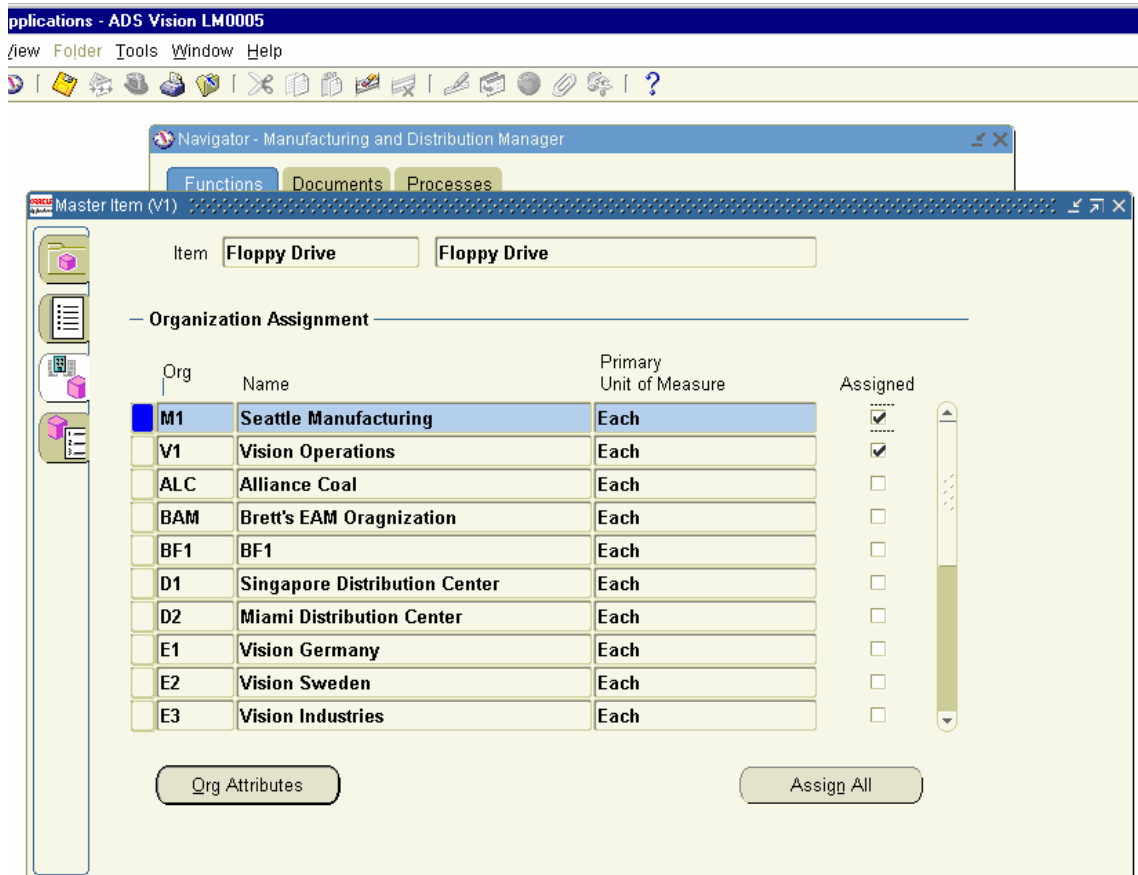
Similarly, We need to Define Purchased Item Using Purchased Item Template for Compact Disc Drive, Mother Board, Monitor, Printer and Mouse Respectively. You need to enter the Purchase Price Value in the List Price Field of Purchasing Tab and save it.

Next, We need to assign this Item to M1-Seattle Manufacturing Organization

Click on Tools Menu and click on Organization Assignment



Click on Assigned Check Box for M1- Seattle Manufacturing Inventory Org and save it.



Similarly, after defining Purchased Item using Purchased Item Template for Compact Disc Drive, Mother Board, Monitor, Printer and Mouse Respectively, You need to enter the Purchase Price Value in the List Price Field of Purchasing Tab and save it. Also we need to assign all the items defined to M1- Seattle Manufacturing Inventory Org.

Next, we need to define the CPU Sub Assembly Item using Sub assembly Template and complete the same Process as above. Click on OK button to enable Costs on Roll up basis.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Master Item (V1)

Organization **V1** Vision Operations

Item **CPU Subassembly**

Description **CPU Subassembly** []

Display Attributes
☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure

Template **Subassembly** **Subassembly**

Item

Clear Cancel

Long Description

Note
You can use ITEM COSTS Form to change the BASED ON ROLLUP FLAG.
OK

Open

The CPU Subassembly Item will have the User Item Type as Subassembly Item

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Master Item (V1)

Organization: V1 Vision Operations

Item: CPU Subassembly

Description: CPU Subassembly []

Display Attributes: ☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure:

Primary: Each

Dual Control: Non-Dual

Secondary:

Deviation Factor +:

Deviation Factor -:

Conversions: ☐ Standard ☐ Item specific ☒ Both

User Item Type: Subassembly

Item Status: Active

Long Description:

Open

Assign this item also to M1- Seattle Manufacturing Org as explained above.

Note: - We do not enter the List Price for this item, as it is a manufactured item. Therefore the Cost for this Item is sum of all the Purchased Item and Operations cost involved in manufacturing this product.

We will define the Finished Goods Item Dell Computer as above using the Finished Goods Item Template.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Master Item (V1)

Organization: V1 Vision Operations

Item: Dell Computer

Description: Dell Computer []

Display Attributes: ☐ Master ☐ Org ☒ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure

Primary: Each

Dual Control: Non-Dual

Secondary: []

Deviation Factor +: []

Deviation Factor -: []

Conversions: ☐ Standard ☐ Item specific ☒ Both

User Item Type: []

Item Status: Active

Long Description: []

Open

Note: - We do not enter the List Price for this item, as it is a manufactured item. Therefore the Cost for this Item is sum of all the Purchased Item and Operations cost involved in manufacturing this product plus the cost of CPU subassembly item.

Go to Tools menu and Copy from option choose Finished Goods Template and click Apply button. A Note will Pop up for Rollup of Cost, click OK and click on Done Button.

The screenshot displays the Oracle Applications - ADS Vision LM0005 interface. The main window is titled "Master Item (V1)" and contains the following fields:

- Organization: **V1**
- Item: **Dell Computer**
- Description: **Dell Computer**

The "Display Attributes" section shows radio buttons for ☐ Master, ☐ Org, and ☒ All.

The "Copy From" dialog box is open, showing the "Unit of Measure" section with the following fields:

- Template: **Finished Good**
- Item: **Finished Good**

The dialog box includes buttons for **Clear**, **Cancel**, **Apply**, and **Done**.

A "Note" dialog box is also visible, containing the text: "You can use ITEM COSTS Form to change the BASED ON ROLLUP FLAG." with an **OK** button.

The "Long Description" field is empty.

The "Open" button is visible at the bottom right of the main window.

Assign the Finished Goods Item Dell computer also to M1-Seattle Manufacturing Inventory Org.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Master Item (V1)

Item: Dell Computer Dell Computer

Organization Assignment

Org	Name	Primary Unit of Measure	Assigned
<input checked="" type="checkbox"/> M1	Seattle Manufacturing	Each	<input checked="" type="checkbox"/>
<input type="checkbox"/> V1	Vision Operations	Each	<input checked="" type="checkbox"/>
<input type="checkbox"/> ALC	Alliance Coal	Each	<input type="checkbox"/>
<input type="checkbox"/> BAM	Brett's EAM Organization	Each	<input type="checkbox"/>
<input type="checkbox"/> BF1	BF1	Each	<input type="checkbox"/>
<input type="checkbox"/> D1	Singapore Distribution Center	Each	<input type="checkbox"/>
<input type="checkbox"/> D2	Miami Distribution Center	Each	<input type="checkbox"/>
<input type="checkbox"/> E1	Vision Germany	Each	<input type="checkbox"/>
<input type="checkbox"/> E2	Vision Sweden	Each	<input type="checkbox"/>
<input type="checkbox"/> E3	Vision Industries	Each	<input type="checkbox"/>

Org Attributes Assign All

Open

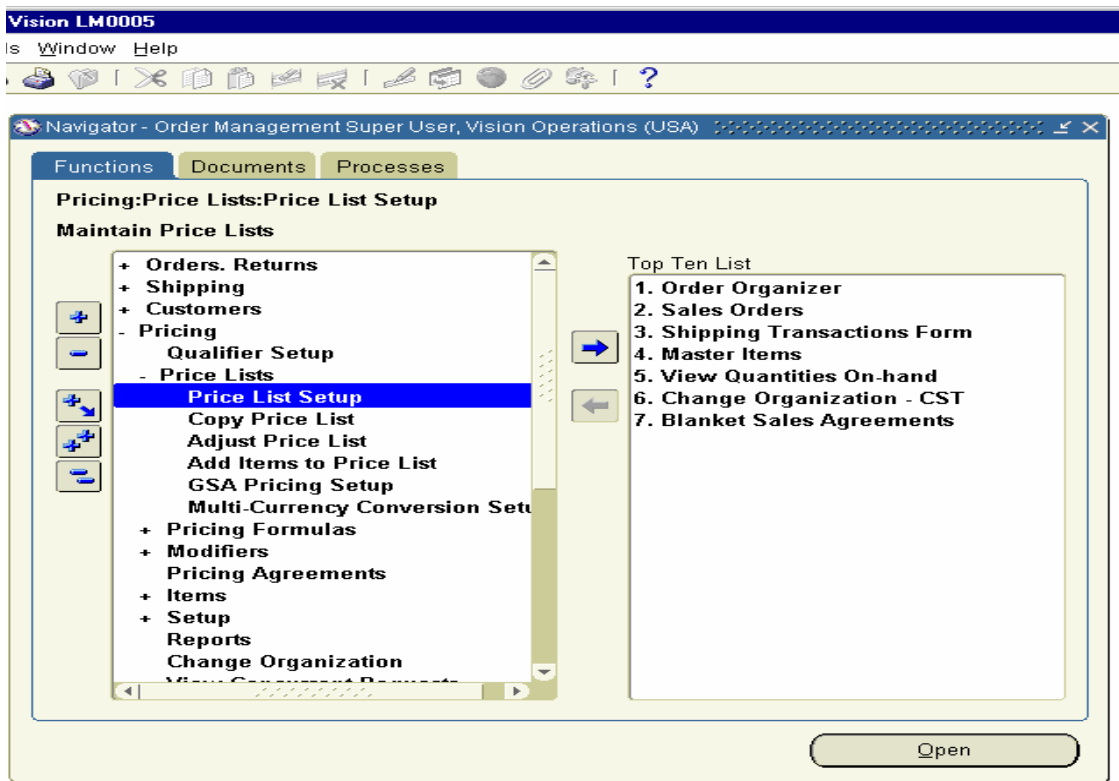
2. Setting up Selling Price for an Item

Next Step is to define the Selling Price for the item Dell Computer in Oracle Pricing Module.

Log on to Oracle Order Management Super User Responsibility.

Navigation Path

Pricing → Price List → Price List Set up



Click on the Form and Query for ‘%Corporate%’ in Name Field.

Click on New Button keeping the cursor in Product Context Field

Enter the Following

Product Context – Item

Product Attribute – Item Number

Product Value – Choose from LOV Dell Computer, which is the Finished Goods Item.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Advanced Pricing - Price Lists

Price List

Name: **Corporate** ☐ Mobile Download ☒ Active

Description: **Corporate Price List**

Currency: **USD** Round To: **2**

Effective Dates: **01-JAN-1996** - Payment Terms: **30 Net**

Freight Terms: **Prepay & Add** Freight Carriers:

Comments:

List Lines Secondary Price List Qualifiers

Product Context	Product Attribute	Product Value	Product Description	
Item	Item Number	80000	Sentinal Multimedia	U
Item	Item Number	81000	One Year Maintenance - reve	E
Item	Item Number	Dell Computer	Dell Computer	E
Item	Item Number	82000	Consulting/Training	E
Item	Item Number	CM31556	Monitor - 19" Flat	E

Price Breaks Pricing Attributes

Open

Scroll towards right in the same form and check Application method Field has Unit Price and enter 6000 in the Value field which is the Selling Price of the Dell Computer and save it.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Advanced Pricing - Price Lists

Price List

Name: **Corporate** ☐ Mobile Download ☒ Active

Description: **Corporate Price List**

Currency: **USD** Round To: **-2**

Effective Dates: **01-JAN-1996** - Payment Terms: **30 Net**

Freight Terms: **Prepay & Add** Freight Carriers:

Comments: [☐]

List Lines Secondary Price List Qualifiers

Type	Price Break Type	Application Method	Value	Dynamic Formula	Stat
Break Header	Range				
List Line		Unit Price	12000		
List Line		Unit Price	6000		
List Line		Unit Price	1100		
List Line		Unit Price	801		

Price Breaks Pricing Attributes

Open

3. Define Customers

Next step is to define the Customer from whom the Sales Order is received.

In Order Management Super User responsibility enter the Customer from which you got the Sales Order.

Navigation Path

Order Management Super User responsibility

Customers → Standard

Enter the Name of the Customer and ensure Customer type is Organization. Click on Find Button. System will Prompt the Customer do not exist and Do you want to create a New Customer. Click New and Continue.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Find/Enter Customers

Customer Type **Organization**

Basic Advanced Text

Customer

Name **IBM Corporation** Party Number

Account Name Customer Number

Status **Active**

Address

Address1

Address2

City

Postal Code

Province

Contact

Last Name First Name Phone

Search Type ☒ Exact (B) ☐ Fuzzy Clear Find

Decision

No customer matched your search criteria. Please press the New button to enter this new customer.

New Cancel

+ WIP

+ Receivables

Open

Customer Standard form will open. Click on New button to enter the address for the customer.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Navigator - Order Management Super User Vision Operations (USA)

Customers - Standard

Customer Type: **Organization** ☒ Active

Name: **IBM Corporation**

Alternate Name:

Account Name:

Organization Number:

Customer Number:

Tax Registration Num:

Taxpayer ID:

[]

Addresses Classification Order Management Marketing Communication Contacts Contacts : Roles

Address ☐ Show Only Active Addresses

☒ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Click on New Button to create an address for the Customer

Enter the Address and Choose Bill to and Ship to Business Purpose and enable the Primary check box for both Business Purpose and attach the Bill to site for the Ship to site.

Note down the Organization Number (Party Number), Customer Number Generated for the Customer. The Default Customer Profile Class will get attached to the Customer the moment you save the Customer.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Customers - Standard Navigator - Order Management Super User Vision Operations (USA)

Customer Type **Organization** ☒ Active Organization Number **9540**
Name **IBM Corporation** Customer Number **2239**

Customer Addresses - IBM Corporation, [New]

Country **United States** Site Number **4402** ☒
Address **8650 Miller Street**
Alternate Name City **Chicago** State **IL**
Postal Code **60600** Province County **Cook**
EDI Location ☐ Identifying Address ☒ Active
Addressee

Business Purposes Characteristics Communication Contacts Contacts : Roles Bank Accounts

Usage	Location	Bill To Location	Primary	Active
<input type="checkbox"/> Bill To	4921		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Ship To	4923	4921	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>

New Open

FRM-40400: Transaction complete: 1 records applied and saved.
Record: 2/2 ... <OSC>

You are ready to create a Sales Order for the Customer you have created now.

4. Creation of Sales Order

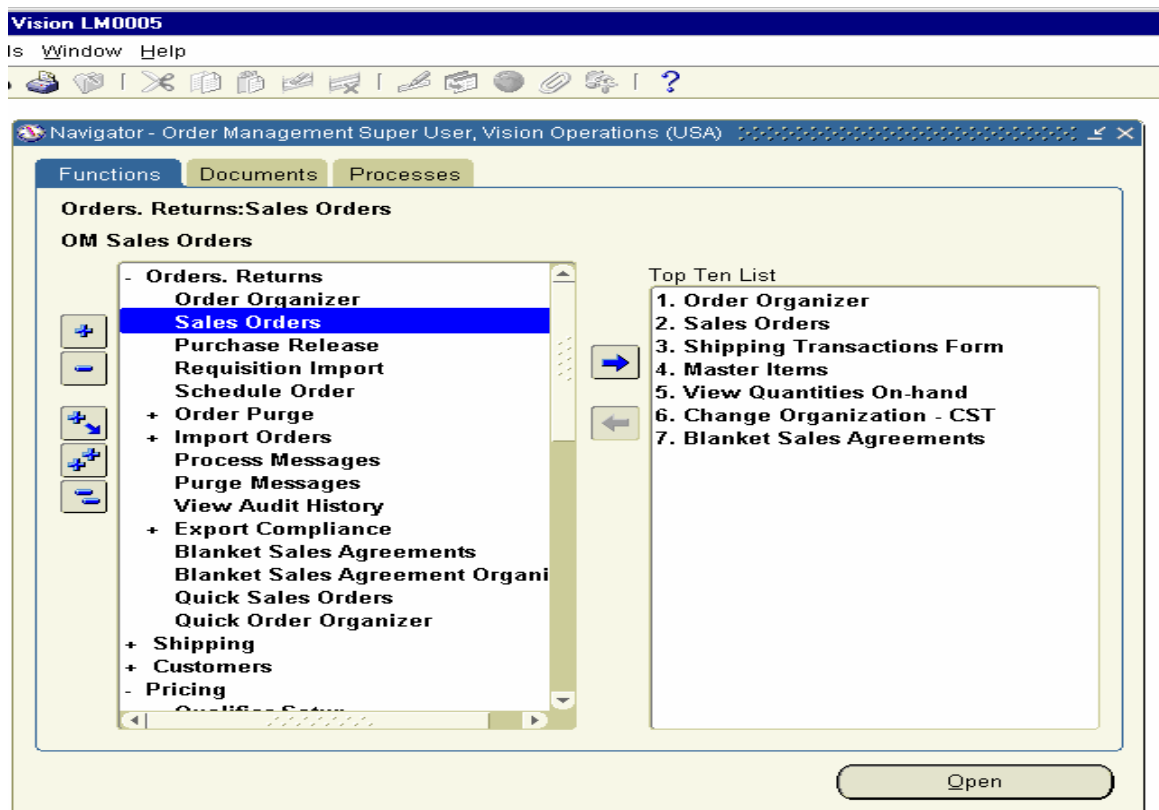
Order Management Super User Responsibility

In Sales Order form Enter the Sales Order for the Finished Goods Item Dell Computer

Navigation Path

Order Management Super User Responsibility

Order, Returns → Sales Orders



Click on the Sales order form and enter the Customer Number or Name.
The Bill to and Ship to Information will default from the Customer. Enter the Order type as Mixed from the LOV and choose the Price List as Corporate (We entered our Finished Goods Item under this Price List and defined the Selling Price for this item).

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Sales Orders - [New]

Order Information Line Items

Main Others

Customer	IBM Corporation	Order Number	
Customer Number	2239	Order Type	Mixed
Customer PO		Date Ordered	09-NOV-2003 02:10:25
Customer Contact		Price List	Corporate
Ship To Location	4923	Salesperson	No Sales Credit
	8650 Miller Street	Status	
		Currency	USD
	Chicago, IL, 60600, US	Subtotal	0.00
Bill To Location	4921	Tax	0.00
	8650 Miller Street	Charges	0.00
		Total	0.00
	Chicago, IL, 60600, US		

[]

Actions Related Items Configurator Availability Book Order

Open

Click on Other Tab in Sales Order Header Form and some fields will be populated from the Customer Form.

Choose Warehouse as M1- Seattle Manufacturing and save the Sales Order.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Sales Orders (51823) - IBM Corporation

Order Information Line Items

Main Others

Payment Terms	N30	Sales Channel	
Warehouse	M1	Shipping Method	
Line Set		Freight Terms	Prepaid
FOB	Destination	Shipment Priority	
Shipping Instructio		Packing Instructions	
Tax Handling	Standard	Tax Exempt Number	
Exempt Reason		Payment Type	
Amount		Check Number	
Credit Card Type		Credit Card Num	
Card Holder		Card Expiration Date	
Approval Code		Prepaid Amount	
Order Source		Order Source Reference	

Actions Related Items Configurator Availability Book Order

Open

Click on Line Items Tab

Enter the Ordered Item as Dell Computer from the LOV and Enter the Quantity Field, the Unit Price Field and Extended Field amount will populate from the Price List we defined above.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Sales Orders (51823) - IBM Corporation

Order Information Line Items

Default Order Total 12,000.00

Main Pricing Shipping Addresses Returns Services Others

Line	Ordered Item	Qty	UOM	Unit Price	Extended Price	Request Date	Schedule Ship
1.1	Dell Computer	2	Ea	6,000.00	12,000.00	09-NOV-2003 02:1	

Line Total 12,000.00 Line Qty 2 Service Total

Description Dell Computer

Actions Related Items Configurator Availability Book Order Open

Scroll towards Right in Main tab of Line Items and choose the Tax Code Field as Exempt and save the record.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Sales Orders (51823) - IBM Corporation

Order Information Line Items

Default Order Total 12,000.00

Main Pricing Shipping Addresses Returns Services Others

Line	Ordered Item	Order Source Reference	Order Source Line Reference	Tax Code	
1.1	Dell Computer			Exempt	

Line Total 12,000.00 Line Qty 2 Service Total

Description Dell Computer

Actions Related Items Configurator Availability Book Order

Open

It pops up a Message unable to Reserve the quantity, as there is no Stock. Click OK and go to Sales Order Header Screen.

The screenshot shows the Oracle Applications - ADS Vision LM0005 window. The title bar indicates the application name. The menu bar includes File, Edit, View, Folder, Tools, Window, and Help. The toolbar contains various icons for file operations and application functions. The main window displays the 'Sales Orders (61823) - IBM Corporation' window. The 'Order Information' tab is active, showing the 'Default' order. The 'Order Total' is 12,000.00. The 'Main' tab is selected, showing a table with columns: Line, Ordered Item, Qty, UOM, Unit Price, Extended Price, Request Date, and Schedule Ship. The first row shows Line 1.1, Ordered Item Dell Computer, Qty 2, UOM Ea, Unit Price 6,000.00, Extended Price 12,000.00, Request Date 09-NOV-2003 02:1, and Schedule Ship. A 'Note' dialog box is displayed over the table, stating 'Quantity on hand fails to satisfy reservation' with an 'OK' button. The 'Line Total' is 12,000.00, 'Line Qty' is 2, and 'Service Total' is empty. The 'Description' is Dell Computer. The bottom of the window has buttons for Actions, Related Items, Configurator, Availability, and Book Order. An 'Open' button is visible at the bottom right of the screenshot.

Line	Ordered Item	Qty	UOM	Unit Price	Extended Price	Request Date	Schedule Ship
1.1	Dell Computer	2	Ea	6,000.00	12,000.00	09-NOV-2003 02:1	

Line Total: 12,000.00 Line Qty: 2 Service Total: Description: Dell Computer

Note: Quantity on hand fails to satisfy reservation

Buttons: Actions, Related Items, Configurator, Availability, Book Order, Open

In the Sales Order Header Screen, now you will find the Status of the Sales Order is entered and the Value is populated with the Quantity and the Selling Price of the item.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Sales Orders (51823) - IBM Corporation

Order Information Line Items

Main Others

Customer	IBM Corporation	Order Number	51823
Customer Number	2239	Order Type	Mixed
Customer PO		Date Ordered	09-NOV-2003 02:10:25
Customer Contact		Price List	Corporate
Ship To Location	4923	Salesperson	No Sales Credit
	8650 Miller Street	Status	Entered
		Currency	USD
	Chicago, IL, 60600, US	Subtotal	12,000.00
Bill To Location	4921	Tax	0.00
	8650 Miller Street	Charges	0.00
		Total	12,000.00
	Chicago, IL, 60600, US		

[] US

Actions Related Items Configurator Availability Book Order

Open

5. Enter Item Costs

We have to define the BOM (Bill of Materials) and Routing for the Finished Goods to create a Discrete Job to get the Inventory for the Finished Good.

We need to define the Lower Level first and then Higher Level to define the BOM and Routing.

The Steps involved are as follows.

Define Item → Enter Item Costs

Define Resource → Enter Resource cost → Define Departments → Enter Resource Utilization in Man hours → Enter Departmental Fixed Overhead → Define Routing → Attach the Department to Routing

Define BOM for Subassembly → Attach Purchased Item → Attach Operations → Run Item Roll up Costs → Update Standard Costs

Define BOM for Finished Goods → Attach Subassembly → Attach additional Purchased Item → Attach Operations → Run Item Roll up Costs → Update Standard Costs.

We have already defined the Purchased Items, Sub assembly Item and Finished Goods Item.

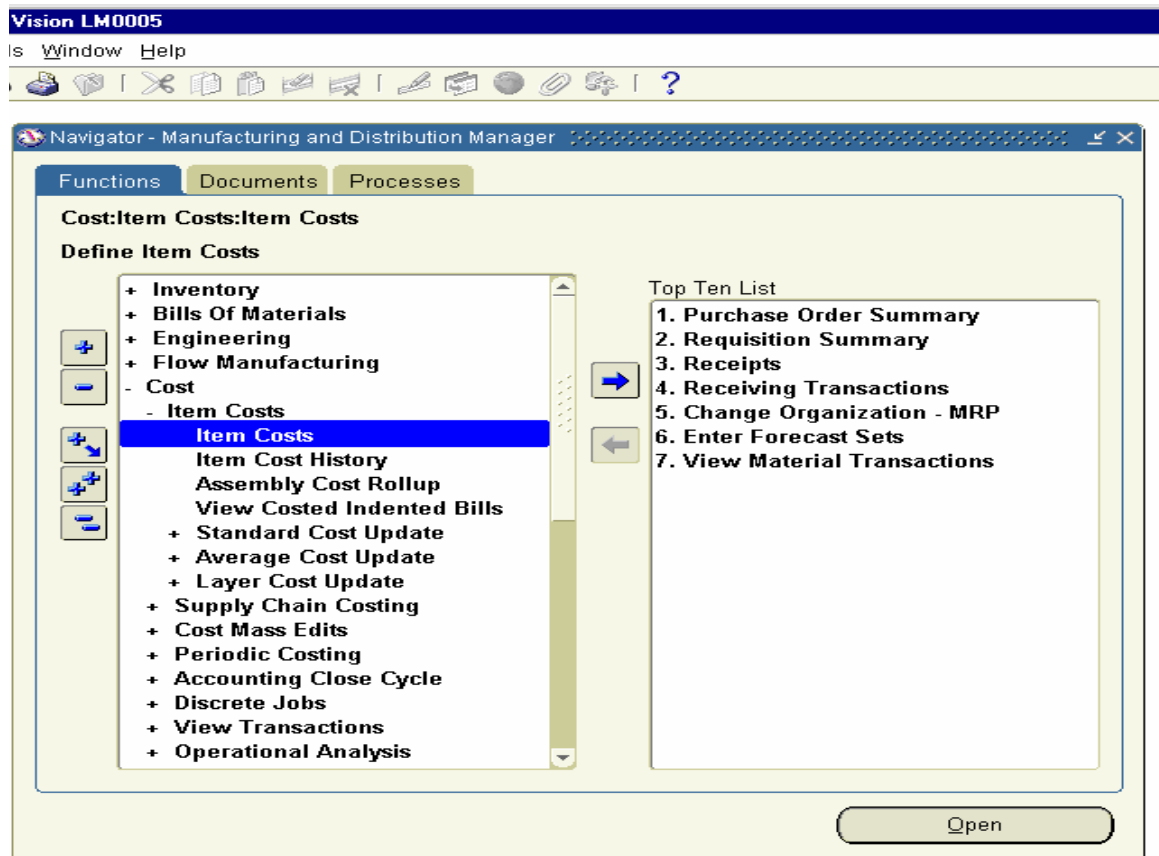
First Let us define the Item Costs for the Purchased Items.

Log on to Manufacturing and Distribution Manager Responsibility

Navigation Path

Manufacturing and Distribution Manager

Costs → Item Costs → Item Costs



Click on the Item Costs Form and Choose M1-Seattle Manufacturing Inventory Org. Find Window Pops up. Enter the Purchased Item and Click Find

The screenshot displays the Oracle Applications - ADS Vision LM0005 interface. The main window is titled "Item Costs Summary (M1)". It features a menu bar (File, Edit, View, Folder, Tools, Window, Help) and a toolbar with various icons. The form contains several input fields: "Item", "Cost Type", "Use Default Controls", "Inventory Asset", "Based on Rollup", and "Lot Size". A "Find Item/Cost Type" dialog box is open, showing fields for "Item", "Cost Type", and "Category Set". Below these fields, there is a section for "Enter Reduction Criteria for Long-List" with a text input field containing "Floppy%". The dialog box has "OK", "Cancel", "Clear", and "Help" buttons. At the bottom of the main form, there are buttons for "Views", "Costs", "New", and "Open".

Item	Cost Type	Use Default Controls	Inventory Asset	Based on Rollup	Lot Size
					1

Item Costs Summary (M1)

Find Item/Cost Type

Item:

Cost Type:

Category Set:

Enter Reduction Criteria for Long-List:

OK Cancel Clear Help

Views Costs New Open

Open

Item Costs Summary Window Pops up which is as follows. Click on Open Button

Applications - ADS Vision LM0005

File Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Item Costs Summary (M1)

Item	Cost Type	Use Default Controls	Inventory Asset	Based on Rollup	Lot Size
Floppy Drive	Frozen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Item DescriptionFloppy Drive

Cost Type DescriptionFrozen Standard Cost Type

UOMEa

Default Cost TypeFrozen

Views

Costs

New

Open

Item Costs Summary Window Opens with Following Details.

This is a Purchased Item. Hence Based on Roll up is not enabled and Make or Buy field shows as Buy.

The Material Overhead by Default shows the Value of 20. We will overwrite this amount and make the changes in Costs Screen. Click on Costs Screen.

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Item Costs Details (M1)

Item **Floppy Drive** Floppy Drive UOM **Ea**

Cost Type **Frozen** Frozen Standard Cost Type Default Cost Type **Frozen**

☐ Use Default Cost Controls

Cost Controls

☒ Inventory Asset Lot Size **1**

☐ Based On Rollup MFG Shrinkage Rate **0** [☐]

Cost Information

Material		Cost Category	NEW.MISC
Material Overhead	20.00000	Quantity	0
Resource		Extended Value	0.00
Outside Processing		Last PO Price	
Overhead		Invoice Price	
Unit Cost	20.00000	Make/Buy	Buy
COGS Account	01-520-5110-0000-000	<input checked="" type="checkbox"/> Include In Rollup	
Sales Account	01-520-4110-0000-000		

Views Costs

In the Costs Screen click on Cost Elements LOV, You will find Five List of Values.

The Cost Elements in Oracle Applications are as Follows

1. Materials
2. Material Overheads
3. Resource
4. Outside Processing
5. Overhead

The Cost of an Item is calculated using the above five Cost Elements.

The screenshot displays the Oracle Applications interface for 'ADS Vision LM0005'. The main window is titled 'Item Costs Summary (M1)' and shows a 'Cost Information' tab. A 'User Defined Item Costs' table is visible, with columns for Cost Element, Sub-Element, Activity, Basis, Rate or Amount, and Unit Cost. The first row shows 'Material' as the Cost Element, 'MATERIAL' as the Sub-Element, 'Item+' as the Basis, and a Rate or Amount of 250, resulting in a Unit Cost of 250.00000. A 'Cost Elements' popup window is open, showing a list of cost elements: Material, Material Overhead, Resource, Outside Processing, and Overhead, each with a description. The 'Material' element is selected. The popup also includes a 'Find %' search field and 'Find', 'OK', and 'Cancel' buttons.

Cost Element	Sub-Element	Activity	Basis	Rate or Amount	Unit Cost
Material	MATERIAL		Item+	250	250.00000

Cost Element	Description
Material	Material cost element
Material Overhead	Material Overhead cost element
Resource	Resource cost element
Outside Processing	Outside Processing cost element
Overhead	Overhead cost element

In the Item Costs Screen Overwrite the Material Overheads with the Following Values.

Cost Element - Materials

Sub element – Materials

Basis – Item

Rate or Amount – 250

Save the Record

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Item Costs Summary (M1)

Item Costs Details (M1)

Item Costs (M1) - Floppy Drive, Frozen

Cost Information Activity Information

User Defined Item Costs

Cost Element	Sub-Element	Activity	Basis	Rate or Amount	Unit Cost
Material	MATERIAL		Item+	250	250.00000

Basis Factor 1 MFG Shrinkage Factor 1

Rollup Item Costs

Cost Element	Sub-Element	Activity	Basis	Rate or Amount	Unit Cost

Basis Factor Source Type MFG Shrinkage Factor

Now close the Item Costs Screen and come to Item Cost Details Screen and you will find Unit cost is updated with 250 and Material Overhead is zero.

Applications - ADS Vision LM0005

File View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Item Costs Details (M1)

Item: **Floppy Drive** UOM: **Ea**

Cost Type: **Frozen** Default Cost Type: **Frozen**

☐ Use Default Cost Controls

Cost Controls

☒ Inventory Asset Lot Size: **1**

☐ Based On Rollup MFG Shrinkage Rate: **0**

Cost Information

Material	250.00000	Cost Category	NEW.MISC
Material Overhead		Quantity	0
Resource		Extended Value	0.00
Outside Processing		Last PO Price	
Overhead		Invoice Price	
Unit Cost	250.00000	Make/Buy	Buy
COGS Account	01-520-5110-0000-000	<input checked="" type="checkbox"/> Include In Rollup	
Sales Account	01-520-4110-0000-000		

Views Costs

Similarly, Enter the Item Cost Details of other Items as Follows.

Compact Disc Drive – 750 USD

Mother Board – 1000 USD

Printer – 900 USD

Mouse – 100 USD

Monitor – 500 USD

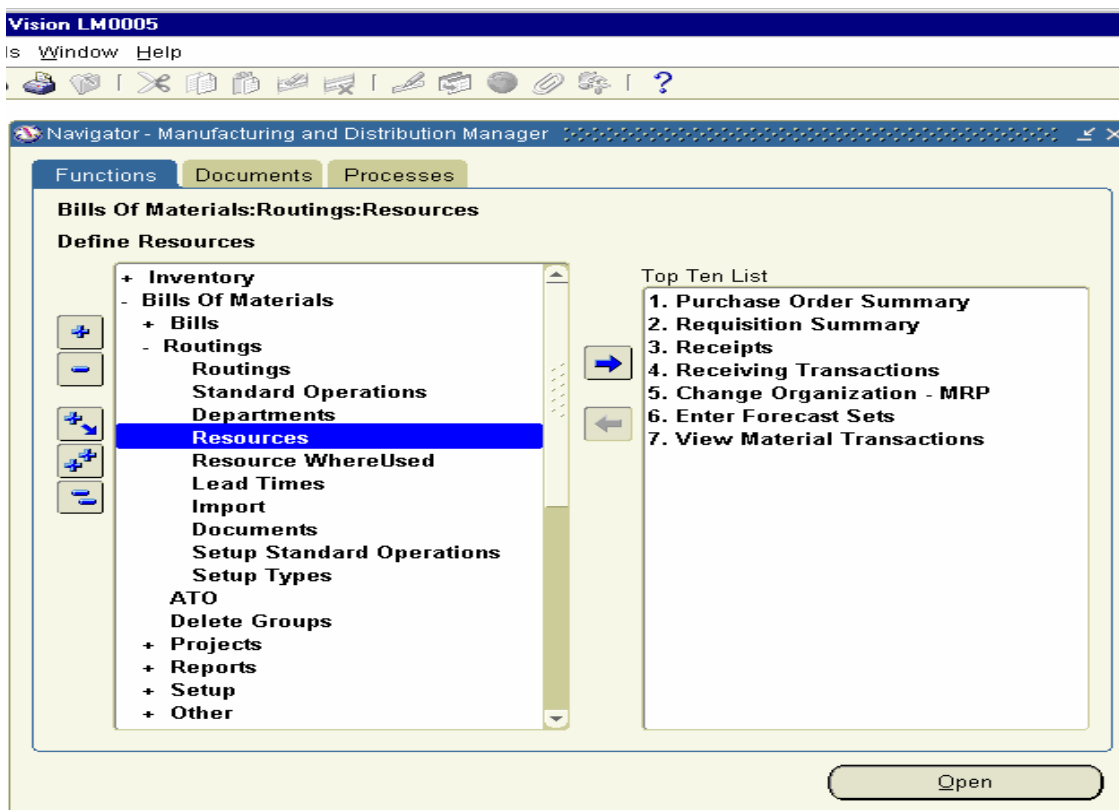
All of them should be entered Cost Element as Materials.

6. Define Resources

Before defining Routing, We Need to Define Resources, Resource Costs, Define Departments and Departmental Overheads.

First we will define the Resources.

Manufacturing and Distributions Manager Responsibility
Bill of Materials → Routings → Resources



Click on the Resource Form and enter the following

Resource – Soldering

Description – Soldering Department

UOM – HR

Type – Person

Charge Type – WIP Move

Enable costed check box and choose activity as Move from LOV and enable Standard Rate Button. Enter the absorption account and variance account.

The screenshot displays the SAP Resource Form (Resources (M1)) with the following configuration:

- Resource:** Soldering
- Description:** Soldering Department
- Type:** Person
- UOM:** HR
- Charge Type:** WIP Move
- Basis:** Item
- Expenditure Type:** (Empty)
- Outside Processing:** ☐ (Empty)
- Billing:** ☐ (Empty)
- Costed:** ☒
 - Activity:** Move
 - Standard Rate:** ☒
 - Absorption Account:** 01-000-5810-0000-000
 - Variance Account:** 01-000-5380-0000-000
 - Buttons:** Overheads, Rates
- Skills:**
 - Competence:** (Empty)
 - Skill Level:** (Empty)
 - Qualification:** (Empty)
- Batchable:** ☐
 - Minimum Batch Capacity:** (Empty)
 - Maximum Batch Capacity:** (Empty)
 - Batch Capacity UOM:** (Empty)
 - Batching Window:** (Empty)
 - UOM:** (Empty)
- Buttons:** Employees, Equipment, Setups

Click on Rates tab in the Resource form and enter the Resource unit cost

The screenshot shows the SAP 'Resources (M1)' form. The 'Resource' field is 'Soldering', 'Description' is 'Soldering Department', 'Type' is 'Person', and 'UOM' is 'HR'. The 'Resource Costs (M1) - Soldering' dialog box is open, displaying a table with the following data:

Cost Type	Description	Resource Unit Cost []
Pending	Pending Standard Cost Type	10.00000

The dialog box also includes checkboxes for 'Outside Production', 'Costed', 'Absorption', 'Variable', 'Batchable', 'Minimum', and 'Maximum'. At the bottom of the main form are buttons for 'Employees', 'Equipment', and 'Setups'.

Similarly define Resources Fixing and Assembly and enter the Rates as follows.

Fixing – 125 USD

Assembly – 40 USD

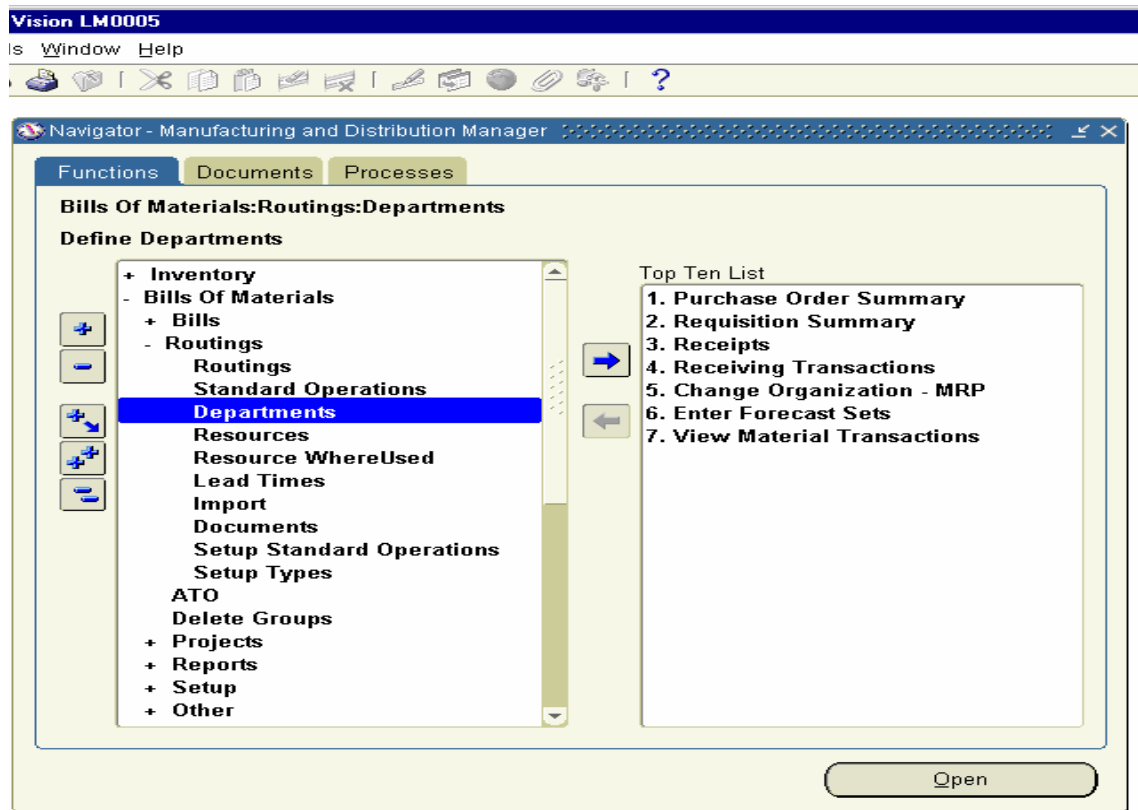
7. Define Departments

Next we need to define Department and attach the Resources to the Department

Navigation Path

Manufacturing and Distributions Manager Responsibility

Bill of Materials → Routings → Departments



Click on Department Form and Enter the Department Name. Click on Resources Button.

The screenshot displays the ADS Vision LM0005 software interface. At the top, a menu bar includes 'er', 'Tools', 'Window', and 'Help'. Below the menu is a toolbar with various icons. A 'Navigator - Manufacturing and Distribution Manager' window is open, showing tabs for 'Functions', 'Documents', and 'Processes'. The 'Processes' tab is active, displaying 'Bills Of Materials: Routings: Departments' and 'Define Departments'. A dropdown menu shows '+ Inventory' and 'Top Ten List'. In the foreground, the 'Departments (M1)' form is open. It contains the following fields: 'Department' (with 'Soldering' entered), 'Description' (with 'Soldering Department' entered), 'Cost Category' (empty), 'Class' (empty), 'Location' (empty), 'Project Expenditure Org' (empty), and 'Inactive On' (empty). To the right of the 'Inactive On' field is a checkbox. At the bottom right of the form are two buttons: 'Rates' and 'Resurces'. Below the form, a dropdown menu shows '+ Other' and an 'Open' button is visible.

ADS Vision LM0005

er Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Bills Of Materials: Routings: Departments

Define Departments

+ Inventory Top Ten List

Departments (M1)

Department Soldering

Description Soldering Department

Cost Category

Class

Location

Project Expenditure Org

Inactive On []

Rates Resurces

+ Other

Open

For Fixing Resource the UOM defaults from the Resource we defined earlier and enter the Utilization of the Resource for this Department to manufacture this Product.

ADS Vision LM0005

er Tools Window Help

Navigator - Manufacturing and Distribution Manager

Resources (M1) - Soldering

Owned

Main Planning

Resource	Description	Available 24 Hours	Share	UOM	Units	Check CTP	Group	Schedule by
Soldering	Soldering Engineers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HR	10	<input type="checkbox"/>		Instance
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		

Borrowed

Resource Description Owning Department UOM Units Check CTP Group

					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

Instances Tolerance Fences Shifts

Close the previous Window and come to main Department screen. Click on rates Button

The screenshot displays the ADS Vision LM0005 software interface. The main window is titled "ADS Vision LM0005" and includes a menu bar with "er", "Tools", "Window", and "Help". Below the menu bar is a toolbar with various icons. A secondary window, "Navigator - Manufacturing and Distribution Manager", is open, showing tabs for "Functions", "Documents", and "Processes". The "Processes" tab is active, displaying "Bills Of Materials: Routings: Departments" and "Define Departments". A dropdown menu is open, showing "+ Inventory" and "Top Ten List". In the foreground, a "Departments (M1)" window is open, featuring a form with the following fields: "Department" (containing "Soldering"), "Description" (containing "Soldering Department"), "Cost Category", "Class", "Location", "Project Expenditure Org", and "Inactive On". The "Inactive On" field has a date picker icon. At the bottom of the form are two buttons: "Rates" and "Resources". Below the form, there is a dropdown menu showing "+ Other" and an "Open" button.

This Opens the Overhead Rates Window. Enter the Overhead Apportionment to this Product as follows.

Choose Cost Type as pending and in Overhead rates choose overhead as Indirect from the LOV. Basis of charge choose as Item from LOV and enter the Rate or amount field with Overhead Apportionment.
(i.e) 250 USD in this case.

ns - ADS Vision LM0005

der Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Bills Of Materials: Routings: Departments

Define Departments

Overhead Rates (M1) - Soldering

Cost Types

Allow Updates

Cost Type	Description
Pending	Pending Standard Cost Type

Overhead Rates

Overhead	Description	Activity	Basis	Rate or Amount
Indirect	Indirect Overhead		Item	250.00000

Open

Similarly Define Departments for soldering and Assembly. Enter the utilization of the Resource for the Department and enter the Departmental Overheads.

Fixing Department – Man-hour Utilization 4 Hrs.
Fixed Overheads – 400 USD

Assembly Department – Man hour Utilization 10 Hours
Fixed Overheads – 350 USD

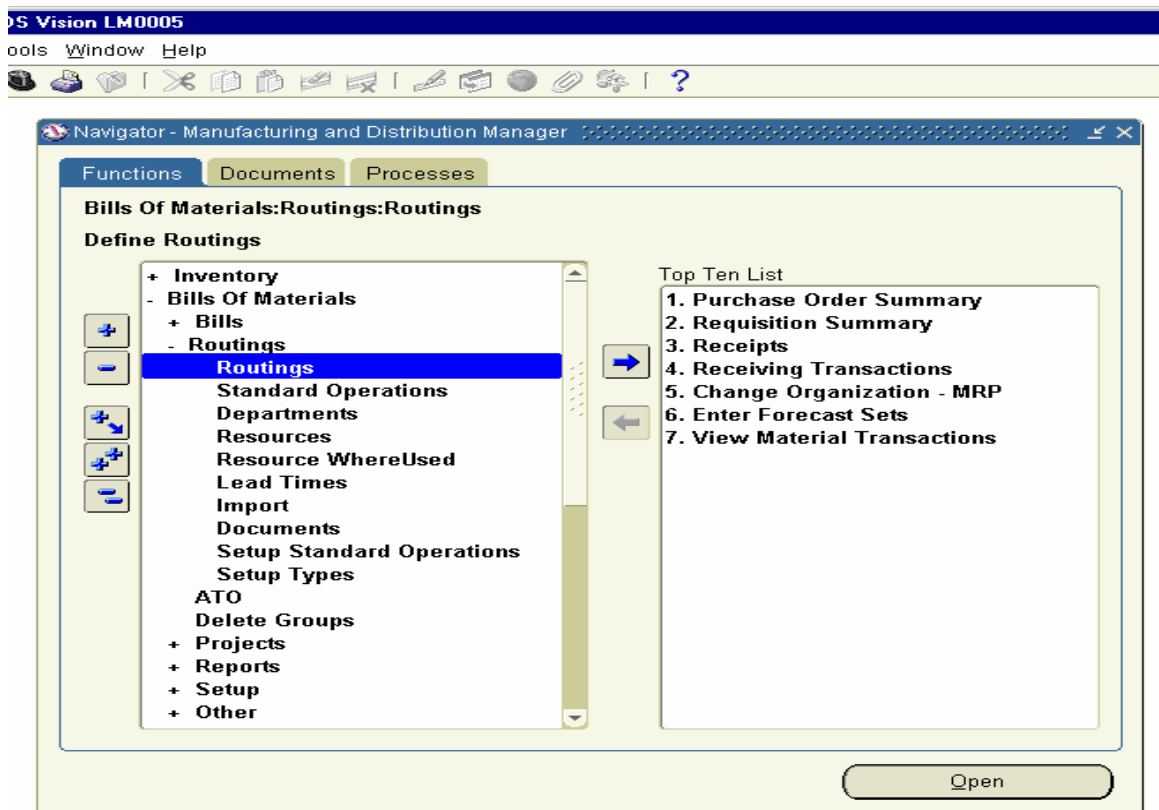
8. Define Routing (CPU Sub assembly)

After Defining resources and departments, next we need to define Routing for CPU Sub Assembly. Routing is the Sequence of operation performed to convert the Raw material to Finished Goods.

Navigation Path

Manufacturing and Distributions Manager Responsibility

Bill of Materials → Routings → Routings



Click on the Routings and choose the CPU Subassembly from the Item Field

Applications - ADS Vision LM0005

File Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Routings (M1)

Item **CPU Subassembly** CPU Subassembly UOM **Ea**

Alternate ☐ Capable To Promise

Revision **A** Date **09-NOV-2003 04:19:05** []

Display **Future and Current** ☒ Implemented Only

Operations

Main Date Effectivity WIP Operation Yield ECO Description

Seq	Code	Department	Option Dependent	Lead Time %
10			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	

Routing Details Routing Revisions Operation Resources

Enter the Sequence in which operations are performed for Manufacture of Subassembly

10 – Soldering

20 – Fixing Dep

Applications - ADS Vision LM0005

View Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Routings (M1)

Item **CPU Subassembly** CPU Subassembly UOM **Ea**

Alternate ☐ Capable To Promise

Revision **A** Date **09-NOV-2003 04:25:20** []

Display **Future and Current** ☒ Implemented Only

Operations

Main Date Effectivity WIP Operation Yield ECO Description

Seq	Code	Department	Option Dependent	Lead Time %
10		Soldering	<input type="checkbox"/>	
20		Fixing Dep	<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	

Routing Details Routing Revisions Operation Resources

Under the Routing Form, WIP Tab check whether back flush checkbox is enabled or not.

The screenshot shows the SAP Applications - ADS Vision LM0005 Routing Form. The WIP tab is selected, and the Backflush checkbox is checked for sequence 20.

Item: CPU Subassembly CPU Subassembly UOM: Ea

Revision: A Date: 09-NOV-2003 04:25:20

Display: Future and Current []

Operations

Seq	Code	Count Point	Autocharge	Backflush	Min Transfer Qty
10		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Routing Details Routing Revisions Operation Resources

Click on Operation Resources Button keeping the cursor in Soldering Department. This allows you to enter the Resource Soldering for Soldering Department attached to Routing CPU Assembly.

In Operation Resources Form, Choose the Soldering Resource and enter the Usage as 10 Hours. Save the Record.

Applications - ADS Vision LM0005

/view Folder Tools Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Routings (M1)

Operation Resources (M1) - 10

Item: CPU Subassembly Alternate: Sequence: 10 Effective Date: 09-NOV-2003 04:26:01

Resources

Main Scheduling Costing

Seq	Resource	UOM	Basis	Usage	Inverse
1	Soldering	HR	Item	10	1

Alternates

Close the Form

[illegible]

The screenshot displays the ADS Vision LM0005 application interface. At the top is a menu bar with options: File, Edit, View, Folder, Tools, Window, Help. Below the menu is a toolbar containing various icons for file operations and editing.

The main workspace shows a hierarchical tree on the left with nodes like "Navigator - Manufacturing and Distribution Manager", "Routings (M1)", and "Operation Resources (M1) - 10". The central area is titled "Resources" and contains three tabs: "Main", "Scheduling", and "Costing". The "Scheduling" tab is active.

In the "Scheduling" tab, there are input fields for:

- Item:** CPU Subassembly
- Sequence:** 10
- Alternate:** (empty)
- Effective Date:** 09-NOV-2003 04:26:01

Below these fields is a table with columns: Seq, Resource, Available 24 Hours, Schedule Seq., Assigned Units, Schedule, Offset %, Principal Flag, Setup Type, and a scrollable column. The first row is highlighted in yellow and contains the following data:

Seq	Resource	Available 24 Hours	Schedule Seq.	Assigned Units	Schedule	Offset %	Principal Flag	Setup Type	
1	Soldering	<input checked="" type="checkbox"/>		1	Yes		<input type="checkbox"/>		...
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		
		<input type="checkbox"/>					<input type="checkbox"/>		

At the bottom right of the "Scheduling" tab, there is a button labeled "Alternates".

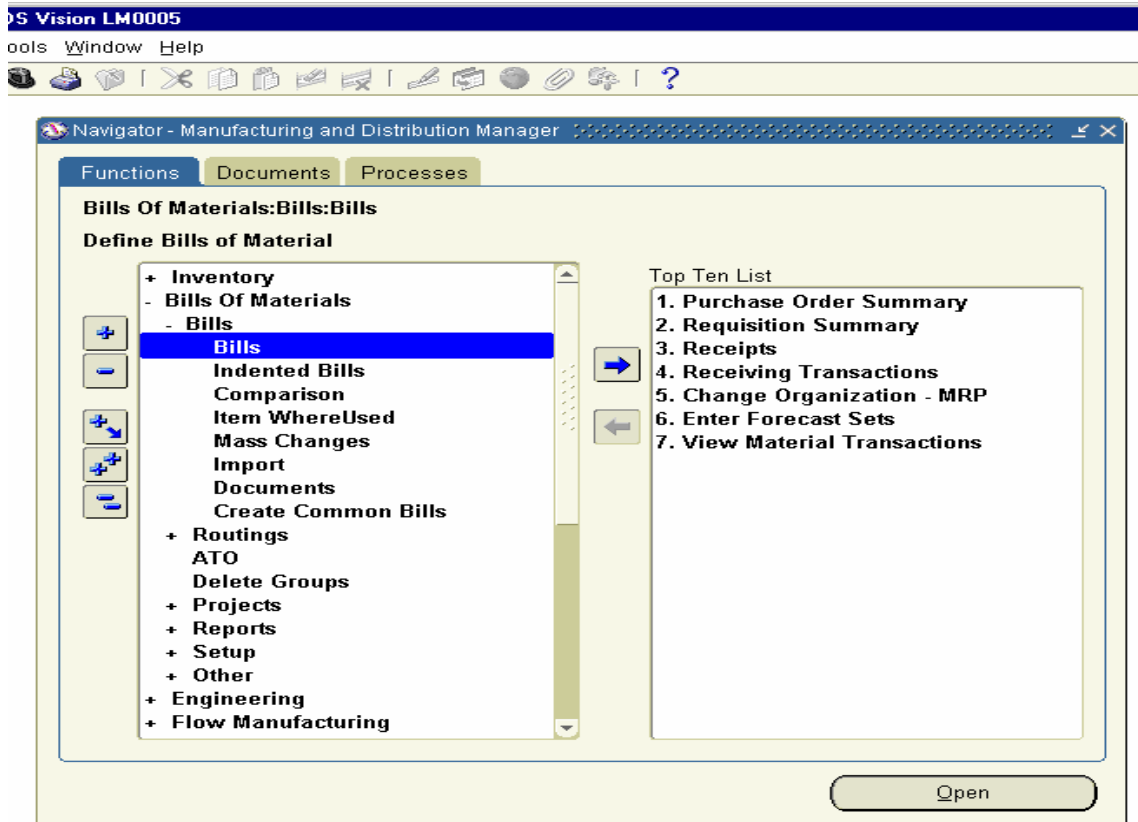
9. Define Bill of Materials (BOM) CPU Sub assembly

Next, we have to define the BOM (Bill of Materials) for CPU Sub assembly.

Navigation Path

Manufacturing and Distributions Manager Responsibility

Bills of Materials → Bills → Bills



Click on Bills and Choose the CPU Subassembly from Item Field

In the Item sequence 10 Defaults Choose Operation Sequence as 1 and Component as Mother Board

Similarly Enter Item Sequence 20 and choose Operation Sequence 1 and component Compact Disc Drive

Similarly Enter Item Sequence 30 and choose Operation Sequence 1 and component Floppy Drive

Applications - ADS Vision LM0005

File Folder Tools Bills Components Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Bills of Material (M1)

Item CPU Subassembly CPU Subassembly UOM Ea

Alternate

Revision A Date 09-NOV-2003 04:46:39

Display Future and Current ☒ Implemented Only

Main Date Effectivity Unit Effectivity ECO Component Details Material Control Order Management

Item Seq	Operation Seq	Component	Item Description	Revision	UOM	Quantity	Auto R	En
10	1	Mother Board	Mother Board	A	Ea	1		
20	1	Compact Disc Drive	Compact Disc Drive	A	Ea	1		
30	1	Floppy Drive	Floppy Drive	A	Ea	1		

Substitutes Designators Operations Bill Details Revision

In the Component Details Section You can check whether the Chosen Items are included in cost roll up and whether it is a Purchased Item or Sub assembly Item.

Applications - ADS Vision LM0005

File Folder Tools Bills Components Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Bills of Material (M1)

Item CPU Subassembly CPU Subassembly UOM Ea

Alternate

Revision A Date 09-NOV-2003 04:46:39

Display Future and Current ☒ Implemented Only

Main Date Effectivity Unit Effectivity ECO Component Details Material Control Order Management

Item Seq			Enforce Integer Req.			Include In Cost Rollup		
Item Seq	Operation Seq	Component	Planning %	Yield		Type	Status	
10	1	Mother Board	100	1	None	<input checked="" type="checkbox"/>	Purchased item	Active
20	1	Compact Disc Drive	100	1	None	<input checked="" type="checkbox"/>	Purchased item	Active
30	1	Floppy Drive	100	1	None	<input checked="" type="checkbox"/>	Purchased item	Active
						<input type="checkbox"/>		
						<input type="checkbox"/>		

Substitutes Designators Operations Bill Details Revision

Click on Material Control Tab and choose Supply Type as Assembly Pull and Sub-inventory as RM Stores and save the work.

The Purpose of choosing Supply Type as Assembly Pull the Raw material items pertaining to the Finished Goods will get consumed once we complete the Discrete Job or Scheduled Job.

The Sub-inventory is the Location where the Purchased Items are stored will get reduced as Consumption once we complete the Discrete Job.

Applications - ADS Vision LM0005

File Folder Tools Bills Components Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Bills of Material (M1)

Item CPU Subassembly CPU Subassembly UOM Ea

Alternate

Revision A Date 09-NOV-2003 04:46:39

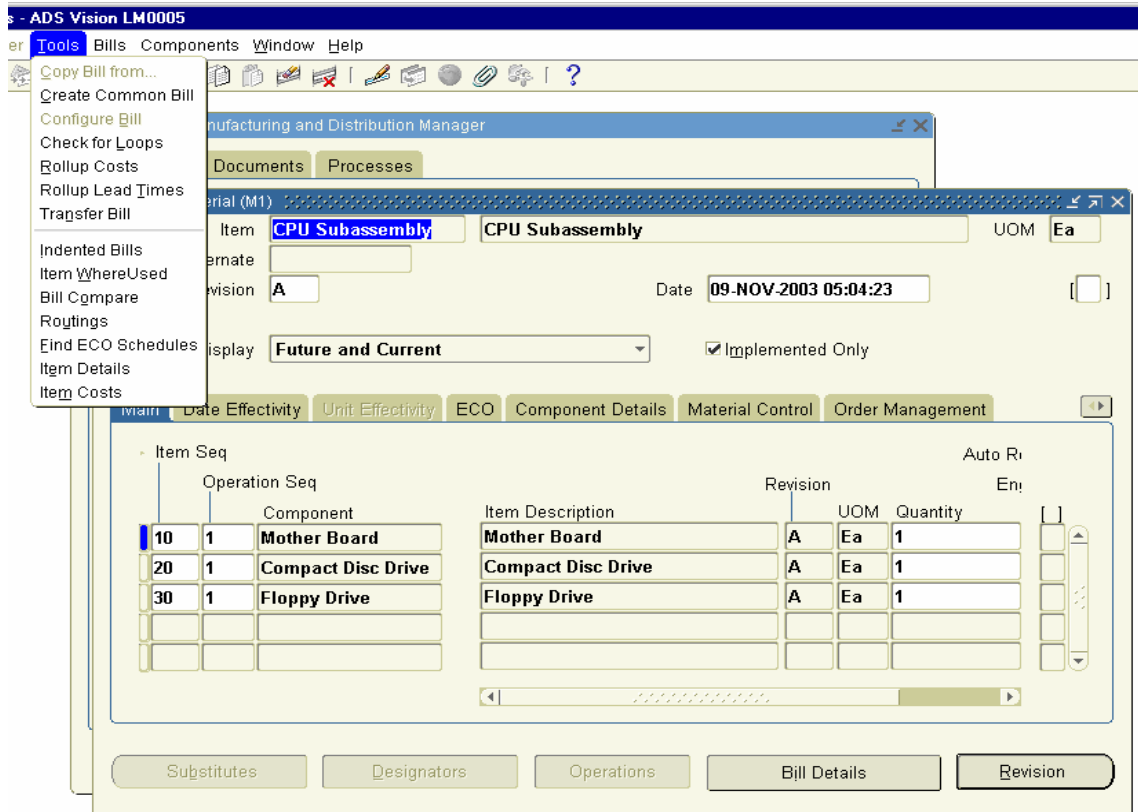
Display Future and Current ☒ Implemented Only

Main Date Effectivity Unit Effectivity ECO Component Details **Material Control** Order Management

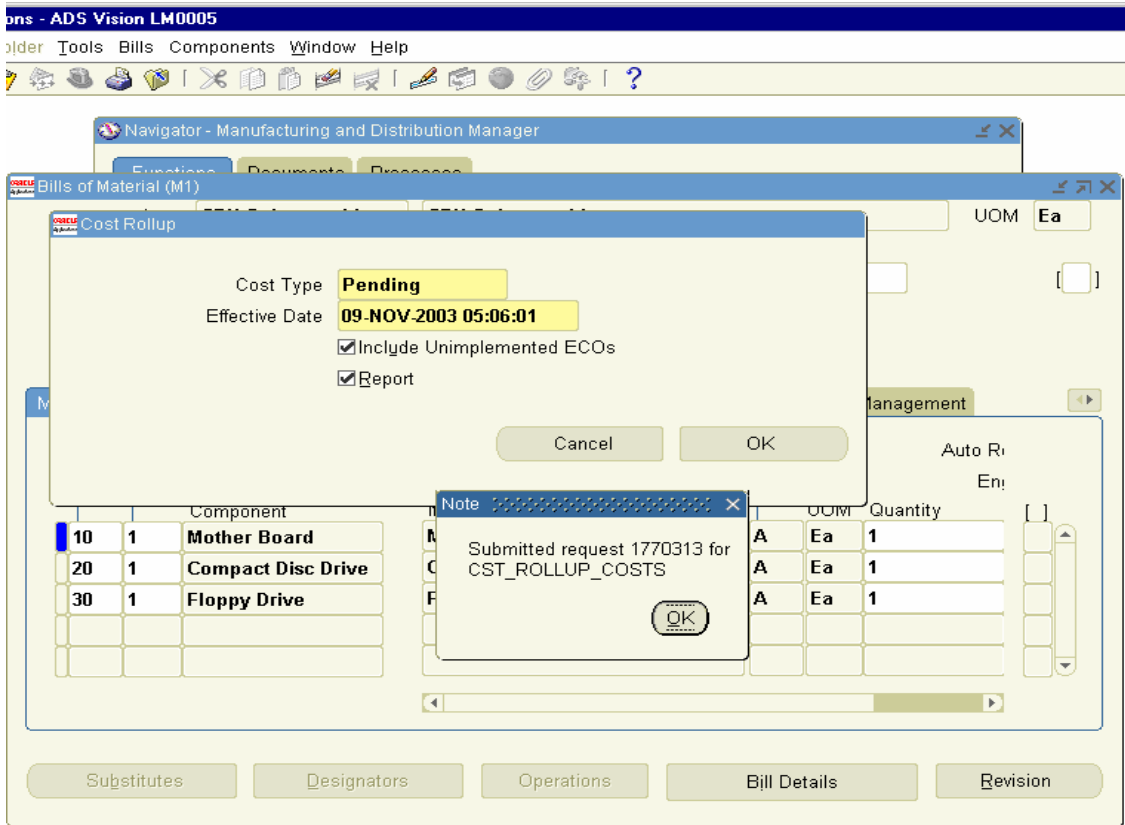
Item Seq	Operation Seq	Component	Supply Type	Subinventory	Locator
10	1	Mother Board	Assembly Pull	RM Stores	
20	1	Compact Disc Drive	Assembly Pull	RM Stores	
30	1	Floppy Drive	Assembly Pull	RM Stores	

Substitutes Designators Operations Bill Details Revision

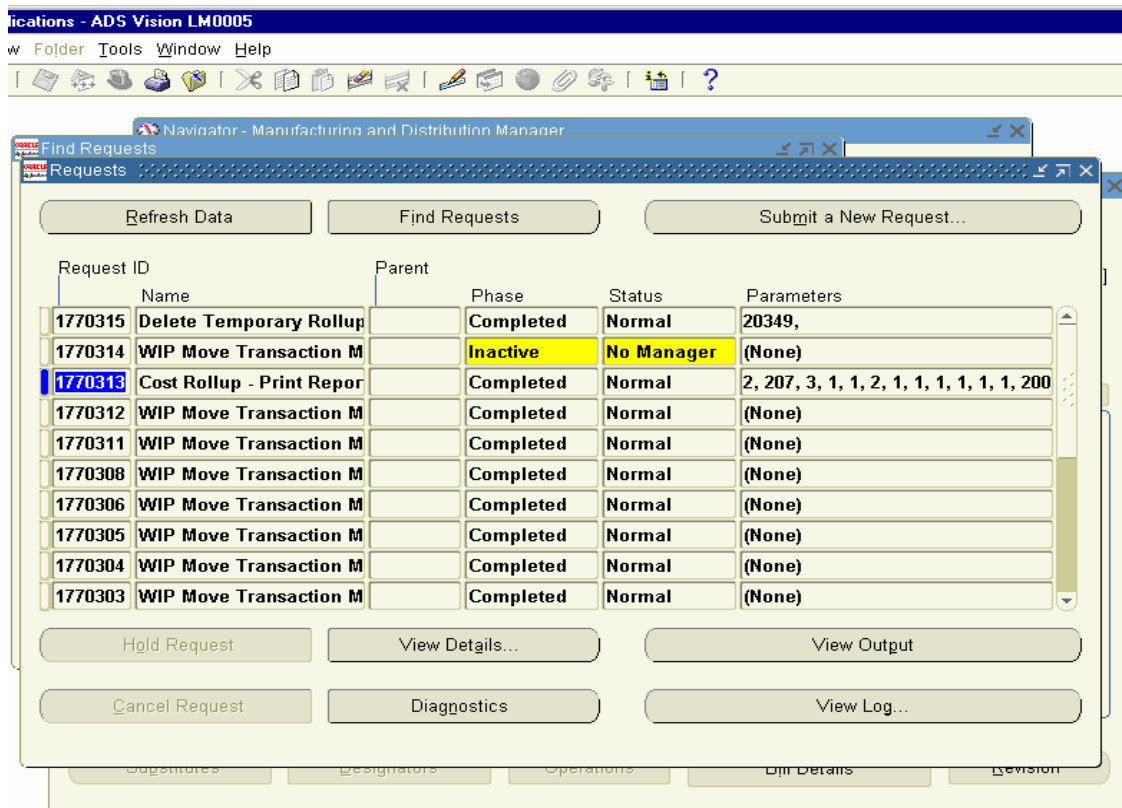
Click on Tools Menu and click on Roll up costs button.



Choose cost Type as Pending and click OK. This will create a concurrent request to run the Roll up Cost Report for CPU Sub assembly.



Click on View Menu → Requests → Find Requests → check for Request ID 1770313



The diagram illustrates a hierarchical tree structure for image processing, likely representing a video frame or a large image. The root node is labeled "1024x1024" at the top. The tree branches down through several levels, with nodes labeled with coordinates indicating the size of the image blocks at each stage. The levels are as follows:

- Level 1:** 512x512 (left), 512x512 (right)
- Level 2:** 256x256 (left), 256x256 (right)
- Level 3:** 128x128 (left), 128x128 (right)
- Level 4:** 64x64 (left), 64x64 (right)
- Level 5:** 32x32 (left), 32x32 (right)
- Level 6:** 16x16 (left), 16x16 (right)
- Level 7:** 8x8 (left), 8x8 (right)
- Level 8:** 4x4 (left), 4x4 (right)
- Level 9:** 2x2 (left), 2x2 (right)
- Level 10:** 1x1 (left), 1x1 (right)

The diagram shows how a large image is decomposed into smaller blocks for processing, likely for a video compression or analysis task. The final output is a "1024x1024" image at the bottom.

[illegible]

Vision LM0005

is Window Help

Navigator - Manufacturing and Distribution Manager

Functions Documents Processes

Cost:Item Costs:Standard Cost Update:Update Costs

Launch Cost Update

- + Inventory
- + Bills Of Materials
- + Engineering
- + Flow Manufacturing
- Cost
 - Item Costs
 - Item Costs
 - Item Cost History
 - Assembly Cost Rollup
 - View Costed Indented Bills
 - Standard Cost Update
 - Update Costs**
 - View Cost Update
 - Purge Cost Update History
 - View Cost History
- + Average Cost Update
- + Layer Cost Update
- + Supply Chain Costing
- + Cost Mass Edits
- + Periodic Costing

Top Ten List

1. Purchase Order Summary
2. Requisition Summary
3. Receipts
4. Receiving Transactions
5. Change Organization - MRP
6. Enter Forecast Sets
7. View Material Transactions

Open

Click on Update Costs. This will run a Concurrent request. Enter The Parameters

The screenshot displays the Oracle Applications interface. The main window is titled "Standard Cost Update (M1)". It has a menu bar with "File", "Edit", "View", "Folder", "Tools", "Window", and "Help". Below the menu bar is a toolbar with various icons. The main content area is divided into sections: "Run this Request..." with a "Copy..." button, "Name" set to "Update Standard Costs", "Parameters" (empty), and "Log" (empty). Below this is a section with "At these Times" and "Run" buttons. Further down is a section with "Upon Completion" and a "Help (H)" button. A "Parameters" dialog box is open in the foreground, showing the following fields: "Cost Type" (Pending), "Pending Standard Cost Type" (empty), "Adjustment Account" (01-000-5250-0000-000), "Description" (Standard cost Update for CPU SubAssembly), "Item Range" (All Items), "Sort Option" (Item+), "Update Option" (Overhead, resource, activity, and item costs), "Specific Item" (empty), "Category set" (empty), "Specific Category" (empty), "Item From" (CPU Subassembly), "To" (CPU Subassembly), and "Save Details" (Yes). The dialog box has a progress bar at the bottom and buttons for "OK", "Cancel", "Clear", and "Help".

Oracle Applications - AD5 Vision LM0005

File Edit View Folder Tools Window Help

Standard Cost Update (M1)

Run this Request... Copy...

Name Update Standard Costs

Parameters

Log

At these Times Run

Upon Completion Help (H)

Parameters

Cost Type Pending Pending Standard Cost Type

Adjustment Account 01-000-5250-0000-000 Operations-Balance Sheet-Physi

Description Standard cost Update for CPU SubAssembly

Item Range All Items

Sort Option Item+

Update Option Overhead, resource, activity, and item costs

Specific Item

Category set

Specific Category

Item From CPU Subassembly

To CPU Subassembly

Save Details Yes

OK Cancel Clear Help

View Request for Concurrent Request ID 1770355 completed Normal.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Requests

Refresh Data Find Requests Submit a New Request...

Request ID	Name	Parent	Phase	Status	Parameters
1770366	WIP Move Transaction M		Inactive	No Manager	(None)
1770365	WIP Move Transaction M		Completed	Normal	(None)
1770364	WIP Standard Cost Adjus		Running	Normal	P_UPDATE_ID=3551, P_ORG_ID=20
1770363	Intransit Standard Cost A		Completed	Normal	P_UPDATE_ID=3551, P_ORG_ID=20
1770362	Inventory Standard Cost		Completed	Normal	P_UPDATE_ID=3551, P_ORG_ID=20
1770361	WIP Move Transaction M		Completed	Normal	(None)
1770359	WIP Move Transaction M		Completed	Normal	(None)
1770356	WIP Move Transaction M		Completed	Normal	(None)
1770355	Update Standard Costs		Completed	Normal	207, 1, 3, 84026, Standard cost Upd
1770354	WIP Move Transaction M		Completed	Normal	(None)

Hold Request View Details... View Output

Cancel Request Diagnostics View Log...

+ Periodic Costing

Open

The Item cost for CPU Sub assembly after running the Standard Cost Update is as Follows

Navigation Path.

Manufacturing and Distributions Manager

Costs → item Costs → Item Costs

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Item Costs Summary (M1)

Item Costs (M1) - CPU Subassembly, Frozen

Cost Information Activity Information

User Defined Item Costs

Cost Element	Sub-Element	Activity	Basis	Rate or Amount	Unit Cost

Basis Factor MFG Shrinkage Factor

Rollup Item Costs

Material	MATERIAL	Item+	2000	2,000.00000
Resource	Soldering	Move	10	100.00000
Resource	Fixing	Move	4	500.00000
Overhead	Indirect	Item+	250	250.00000
Overhead	Indirect	Item+	400	400.00000

Basis Factor 1 MFG Shrinkage Factor 1

Source Type Rolled up

Open

FRM-40350: Query caused no records to be retrieved.

Record: 1/1 ... List of Valu... <OSC>

10. Define Routing (Dell Computer)

Next, we need to Define Routing for Dell Computer.

Navigation Path

Manufacturing and Distributions Manager

Bill of Materials → Routings → Routings

Attach the Assembly department to the Dell Computer Item. The steps are exactly same as what we did in CPU Subassembly.

The screenshot shows the SAP 'Routings (M1)' window. The 'Item' field is 'Dell Computer' and the 'UOM' is 'Ea'. The 'Revision' is 'A' and the 'Date' is '09.NOV.2003 05:57:01'. The 'Display' dropdown is set to 'Future and Current'. The 'Operations' section is expanded, showing a table with columns: Seq, Code, Department, Option Dependent, and Lead Time %. The first row is highlighted with '10' in the 'Seq' column and 'Assembly' in the 'Department' column. Below the table are three buttons: 'Routing Details', 'Routing Revisions', and 'Operation Resources'.

Seq	Code	Department	Option Dependent	Lead Time %
10		Assembly	<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	

Click on Operation Resources Button

In Operation Resources Form choose the Resource Assembly and enter the Usage and click Scheduling tab.

[illegible]

[illegible]

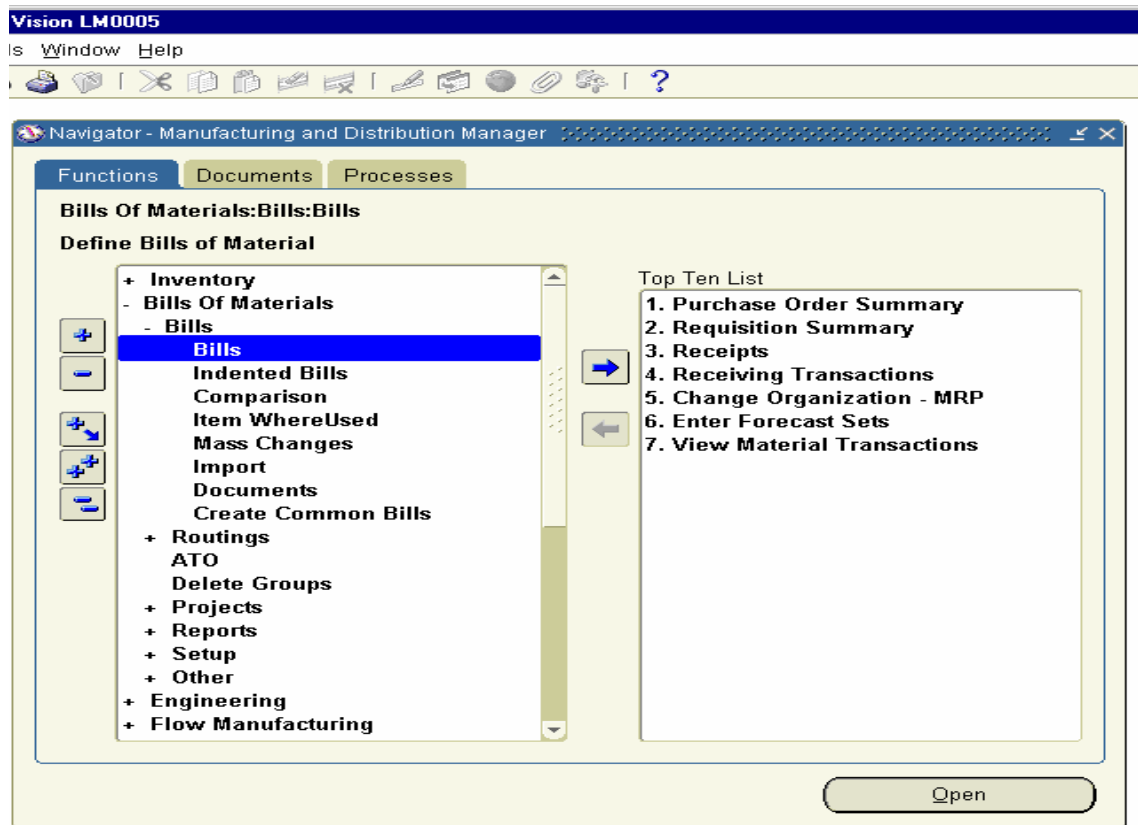
11. Define Bill of Materials (Dell Computer)

Next step is to define the BOM (Bill of Material) for Finished Goods item
Dell computer

Navigation Path

Manufacturing and Distributions Manager

Bills of Materials → Bills → Bills



Click on Bills and Choose the Dell Computer from Item Field

In the Item sequence 10 Defaults Choose Operation Sequence as 1 and Component as CPU Subassembly

Similarly Enter Item Sequence 20 and choose Operation Sequence 1 and component Mouse

Similarly Enter Item Sequence 30 and choose Operation Sequence 1 and component Printer

Similarly Enter Item Sequence 40 and choose Operation Sequence 1 and component Monitor

Applications - ADS Vision LM0005

/view Folder Tools Bills Components Window Help

Navigator - Manufacturing and Distribution Manager

Bills of Material (M1)

Item **Dell Computer** UOM **Ea**

Alternate

Revision **A** Date **09-NOV-2003 09:00:55**

Display **Future and Current** ☒ Implemented Only

Main Date Effectivity Unit Effectivity ECO Component Details Material Control Order Management

Item Seq	Operation Seq	Component	Item Description	Revision	UOM	Quantity	Auto R	En
10	1	CPU Subassembly	CPU Subassembly	A	Ea	1		
20	1	Mouse	Mouse	A	Ea	1		
30	1	Printer	Printer	A	Ea	1		
40	1	Monitor	Monitor	A	Ea	1		

Substitutes Designators Operations Bill Details Revision

Go to Component Details Tab and check Roll up cost is enabled or not

Applications - ADS Vision LM0005

File Folder Tools Bills Components Window Help

Navigator - Manufacturing and Distribution Manager

Bills of Material (M1)

Item: Dell Computer Dell Computer UOM: Ea

Alternate:

Revision: A Date: 09-NOV-2003 09:00:55

Display: Future and Current ☒ Implemented Only

Main Date Effectivity Unit Effectivity ECO **Component Details** Material Control Order Management

Item Seq

Item Seq	Operation Seq	Component	Planning %	Yield	Enforce Integer Req.	Include In Cost Rollup	Type	Status
10	1	CPU Subassembly	100	1	None	<input checked="" type="checkbox"/>	Subassembly	Active
20	1	Mouse	100	1	None	<input checked="" type="checkbox"/>	Purchased item	Active
30	1	Printer	100	1	None	<input checked="" type="checkbox"/>	Purchased item	Active
40	1	Monitor	100	1	None	<input checked="" type="checkbox"/>	Purchased item	Active
						<input type="checkbox"/>		

Substitutes Designators Operations Bill Details Revision

Go to Material Control tab and enter the Supply type as Assembly Pull for all the three Items. In sub-inventory field enter FG Stores from LOV for CPU subassembly Item and RM Stores for Printer and Mouse and save the records.

The Purpose of choosing Supply Type as Assembly Pull is the Raw material items pertaining to the Finished Goods will get consumed once we complete the Discrete Job or Scheduled Job.

The Sub-inventory is the Location where the Purchased Items are stored will get reduced as Consumption once we complete the Discrete Job

Applications - ADS Vision LM0005

File Folder Tools Bills Components Window Help

Navigator - Manufacturing and Distribution Manager

Bills of Material (M1)

Item: Dell Computer Dell Computer UOM: Ea

Alternate:

Revision: A Date: 09-NOV-2003 09:00:55

Display: Future and Current ☒ Implemented Only

Main Date Effectivity Unit Effectivity ECO Component Details **Material Control** Order Management

Item Seq	Operation Seq	Component	Supply Type	Subinventory	Locator
10	1	CPU Subassembly	Assembly Pull	FG Stores	
20	1	Mouse	Assembly Pull	RM Stores	
30	1	Printer	Assembly Pull	RM Stores	
40	1	Monitor	Assembly Pull	RM Stores	

Substitutes Designators Operations Bill Details Revision

Click on Tools Menu → Roll up costs.

Applications - ADS Vision LM0005

File Edit View Tools Bills Components Window Help

Copy Bill from...
Create Common Bill
Configure Bill
Check for Loops
Rollup Costs
Rollup Lead Times
Transfer Bill
Indented Bills
Item WhereUsed
Bill Compare
Roytings
Find ECO Schedules
Item Details
Item Costs

Manufacturing and Distribution Manager

Computer Dell Computer UOM Ea

Date 09-NOV-2003 09:00:55

nd Current

Implemented Only

Effectivity ECO Component Details Material Control Order Management

Main

Item

Operation Seq

Component

10 1 CPU Subassembly

20 1 Mouse

30 1 Printer

40 1 Monitor

Item Description

CPU Subassembly

Mouse

Printer

Monitor

Revision

A

A

A

A

UOM

Ea

Ea

Ea

Ea

Quantity

1

1

1

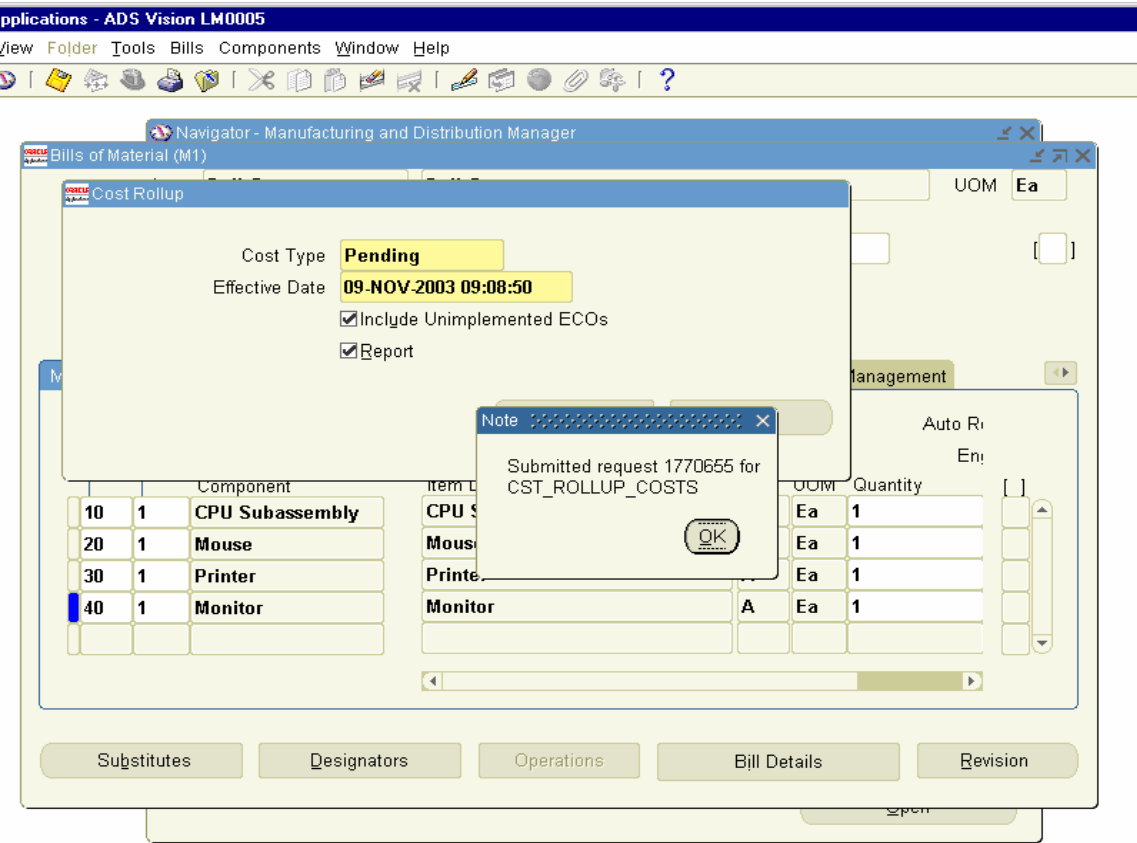
1

Auto R

En

Substitutes Designators Operations Bill Details Revision

Choose cost Type as Pending and click OK. This will create a concurrent request to run the Roll up Cost Report for Dell Computer.



View Request → find Request → Request ID 1770655

The screenshot shows the Oracle Applications - ADS Vision LM6055 window. The 'Requests' tab is active, displaying a table of requests. The table has columns for Request ID, Name, Parent, Phase, Status, and Parameters. Request ID 1770655 is highlighted in blue, and its status 'No Manager' is highlighted in yellow. The table also shows other requests with various phases and statuses.

Request ID	Name	Parent	Phase	Status	Parameters
1770657	Delete Temporary Rollup		Completed	Normal	20351.
1770656	WIP Move Transaction M		Inactive	No Manager	(None)
1770655	Cost Rollup - Print Repor		Completed	Normal	2, 207, 3, 1, 1, 2, 1, 1, 1, 1, 1, 208
1770654	WIP Move Transaction M		Completed	Normal	(None)
1770653	WIP Move Transaction M		Completed	Normal	(None)
1770652	WIP Move Transaction M		Completed	Normal	(None)
1770651	WIP Move Transaction M		Completed	Normal	(None)
1770647	WIP Move Transaction M		Completed	Normal	(None)
1770646	WIP Move Transaction M		Completed	Normal	(None)
1770645	WIP Move Transaction M		Completed	Normal	(None)

Buttons at the bottom of the window include: Refresh Data, Find Requests, Submit a New Request..., Hld Request, View Details..., View Output, Cancel Request, Diagnostics, View Log..., Substitutes, Designators, Operations, Bill Details, and Revision.

Click on View Output file to view the Cost Price calculated for Finished Goods item Dell Computer.

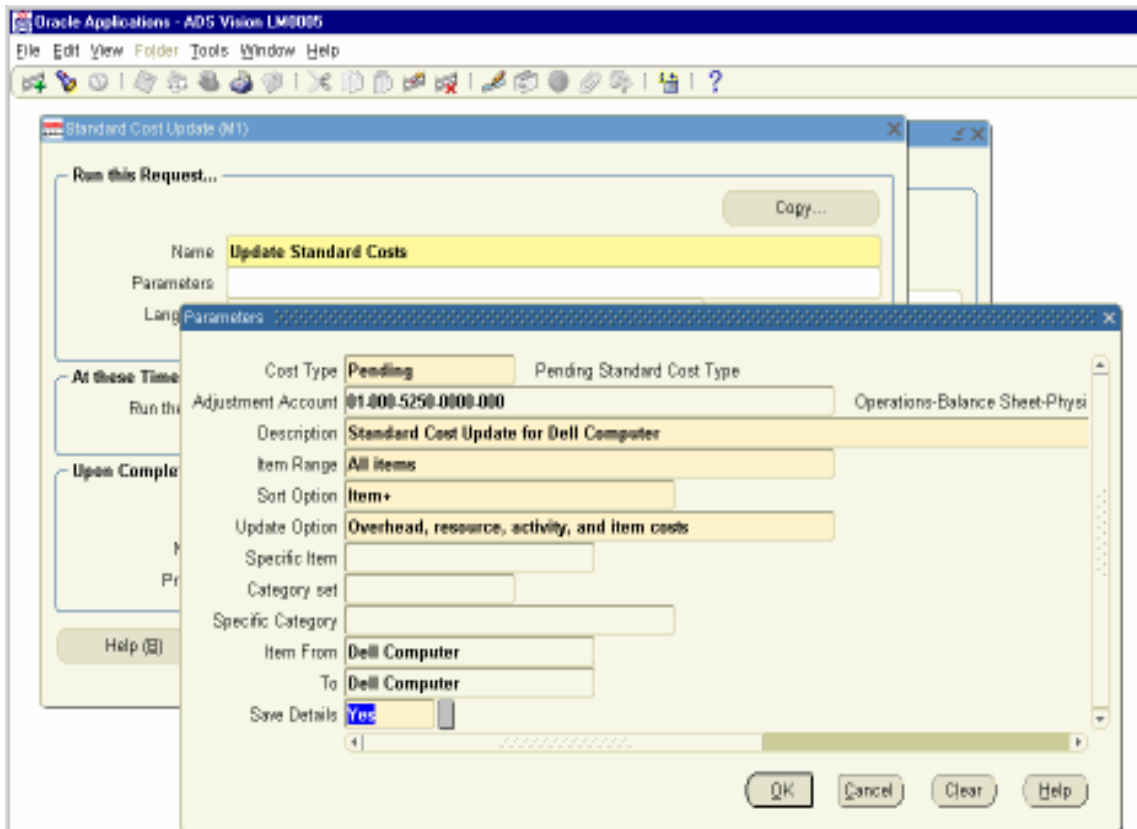
Category: 000.0000			Category: 000.0000			Category: 000.0000		
Include in Rollup			Include in Rollup			Include in Rollup		
Based on Rollup			Based on Rollup			Based on Rollup		
Account/Source			Account/Source			Account/Source		
Extended Desc	Trans	Amount	Extended Desc	Trans	Amount	Extended Desc	Trans	Amount
U-10	Amount	Amount	U-10	Amount	Amount	U-10	Amount	Amount
1.000000	0.000000	1.000000	1.000000	0.000000	1.000000	1.000000	0.000000	1.000000
2.000000	0.000000	2.000000	2.000000	0.000000	2.000000	2.000000	0.000000	2.000000
3.000000	0.000000	3.000000	3.000000	0.000000	3.000000	3.000000	0.000000	3.000000
4.000000	0.000000	4.000000	4.000000	0.000000	4.000000	4.000000	0.000000	4.000000
5.000000	0.000000	5.000000	5.000000	0.000000	5.000000	5.000000	0.000000	5.000000
6.000000	0.000000	6.000000	6.000000	0.000000	6.000000	6.000000	0.000000	6.000000
7.000000	0.000000	7.000000	7.000000	0.000000	7.000000	7.000000	0.000000	7.000000
8.000000	0.000000	8.000000	8.000000	0.000000	8.000000	8.000000	0.000000	8.000000
9.000000	0.000000	9.000000	9.000000	0.000000	9.000000	9.000000	0.000000	9.000000
10.000000	0.000000	10.000000	10.000000	0.000000	10.000000	10.000000	0.000000	10.000000
11.000000	0.000000	11.000000	11.000000	0.000000	11.000000	11.000000	0.000000	11.000000
12.000000	0.000000	12.000000	12.000000	0.000000	12.000000	12.000000	0.000000	12.000000
13.000000	0.000000	13.000000	13.000000	0.000000	13.000000	13.000000	0.000000	13.000000
14.000000	0.000000	14.000000	14.000000	0.000000	14.000000	14.000000	0.000000	14.000000
15.000000	0.000000	15.000000	15.000000	0.000000	15.000000	15.000000	0.000000	15.000000
16.000000	0.000000	16.000000	16.000000	0.000000	16.000000	16.000000	0.000000	16.000000
17.000000	0.000000	17.000000	17.000000	0.000000	17.000000	17.000000	0.000000	17.000000
18.000000	0.000000	18.000000	18.000000	0.000000	18.000000	18.000000	0.000000	18.000000
19.000000	0.000000	19.000000	19.000000	0.000000	19.000000	19.000000	0.000000	19.000000
20.000000	0.000000	20.000000	20.000000	0.000000	20.000000	20.000000	0.000000	20.000000
21.000000	0.000000	21.000000	21.000000	0.000000	21.000000	21.000000	0.000000	21.000000
22.000000	0.000000	22.000000	22.000000	0.000000	22.000000	22.000000	0.000000	22.000000
23.000000	0.000000	23.000000	23.000000	0.000000	23.000000	23.000000	0.000000	23.000000
24.000000	0.000000	24.000000	24.000000	0.000000	24.000000	24.000000	0.000000	24.000000
25.000000	0.000000	25.000000	25.000000	0.000000	25.000000	25.000000	0.000000	25.000000
26.000000	0.000000	26.000000	26.000000	0.000000	26.000000	26.000000	0.000000	26.000000
27.000000	0.000000	27.000000	27.000000	0.000000	27.000000	27.000000	0.000000	27.000000
28.000000	0.000000	28.000000	28.000000	0.000000	28.000000	28.000000	0.000000	28.000000
29.000000	0.000000	29.000000	29.000000	0.000000	29.000000	29.000000	0.000000	29.000000
30.000000	0.000000	30.000000	30.000000	0.000000	30.000000	30.000000	0.000000	30.000000
-----			-----			-----		
0.000000			0.000000			0.000000		
-----			-----			-----		
Ext Desc	Diff Desc	Amount	Ext Desc	Diff Desc	Amount	Ext Desc	Diff Desc	Amount
-----			-----			-----		

We have to run the Update Standard costs Program to Update the Standard Costs after checking the Costs have been calculated Properly.

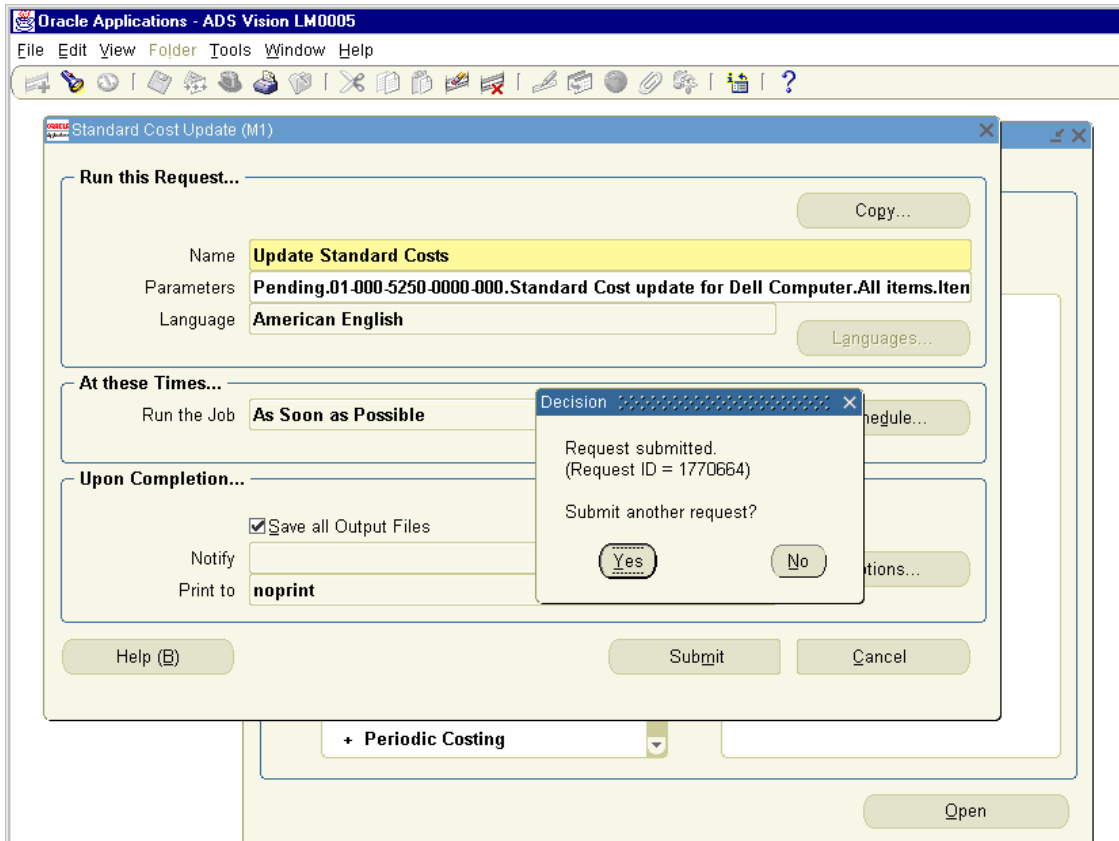
Navigation Path

Manufacturing and Distributions Manager

Costs → Item costs → Standard Cost Updates → Update costs



Submit the Request with the parameters given.



View the Request 1770664 and check is it completed normal.

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Requests

Refresh Data Find Requests Submit a New Request...

Request ID	Name	Parent	Phase	Status	Parameters
1770672	WIP Standard Cost Adjus		Running	Normal	P_UPDATE_ID=3557, P_ORG_ID=20
1770671	Intransit Standard Cost A		Completed	Normal	P_UPDATE_ID=3557, P_ORG_ID=20
1770670	Inventory Standard Cost		Completed	Normal	P_UPDATE_ID=3557, P_ORG_ID=20
1770669	WIP Move Transaction M		Inactive	No Manager	(None)
1770666	WIP Move Transaction M		Completed	Normal	(None)
1770664	Update Standard Costs		Completed	Normal	207, 1, 3, 84026, Standard Cost upc
1770663	WIP Move Transaction M		Completed	Normal	(None)
1770662	WIP Move Transaction M		Completed	Normal	(None)
1770661	WIP Move Transaction M		Completed	Normal	(None)
1770660	WIP Move Transaction M		Completed	Normal	(None)

Hold Request View Details... View Output

Cancel Request Diagnostics View Log...

+ Periodic Closing

Open

The Item cost for CPU Sub assembly after running the Standard Cost Update is as Follows

Navigation Path.

Manufacturing and Distributions Manager

Costs → Item Costs → Item Costs

Oracle Applications - ADS Vision LM0005

File Edit View Folder Tools Window Help

Item Costs Summary (M1)

Item Costs (M1) - Dell Computer, Frozen

Cost Information Activity Information

— User Defined Item Costs —

Cost Element	Sub-Element	Activity	Basis	Rate or Amount	Unit Cost

Basis Factor MFG Shrinkage Factor

— Rollup Item Costs —

Material	Sub-Element	Activity	Basis	Rate or Amount	Unit Cost
Material	MATERIAL		Item+	3500	3,500.00000
Resource	Assembly	Move	Item+	10	400.00000
Resource	Soldering	Move	Item+	10	100.00000
Resource	Fixing	Move	Item+	4	500.00000
Overhead	Indirect		Item+	350	350.00000
Overhead	Indirect		Item+	650	650.00000

Basis Factor 1 MFG Shrinkage Factor 1

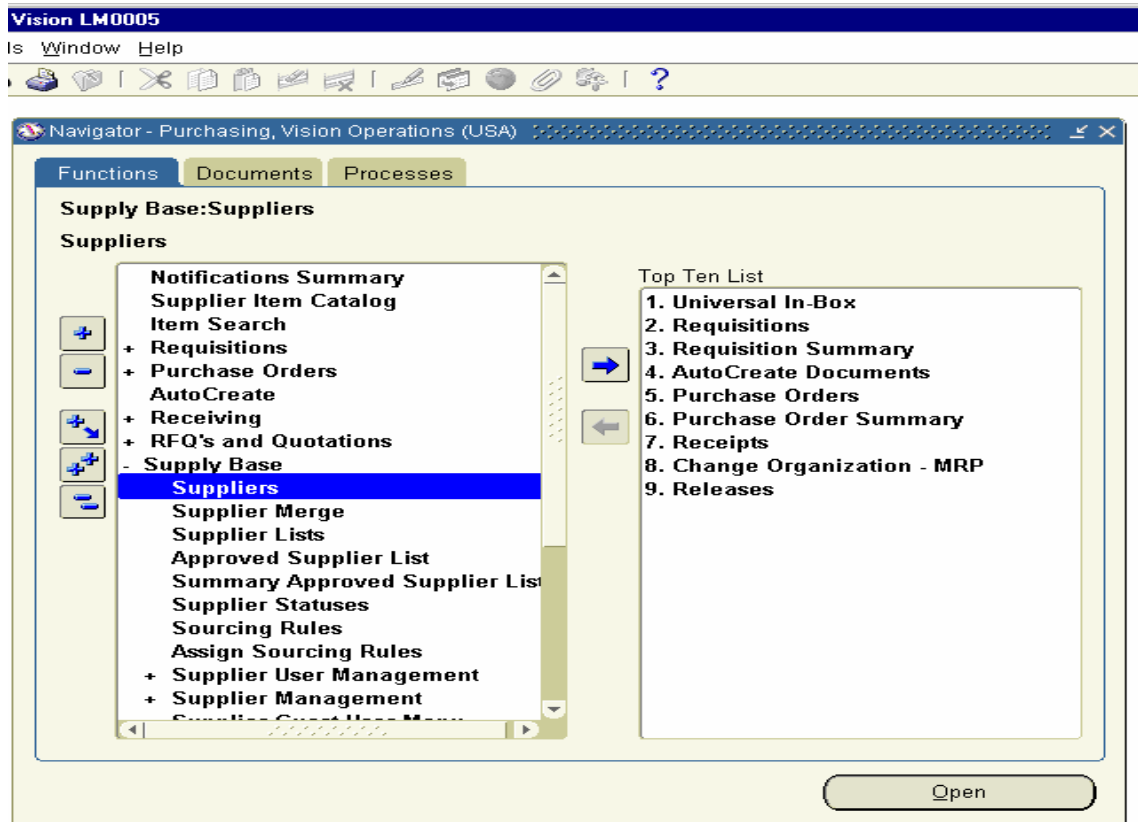
Source Type Rolled up

Open

12. Define Suppliers

Then, We have to complete the Purchasing to Inventory Receipt cycle in Purchasing Responsibility.

Log into Purchasing Responsibility
Supply Base → Suppliers



Click on the Supplier Form and Enter the Suppliers Name Flextronics Inc
And click on Sites Button

For this Business case, we assume Flextronics Inc is Supplying Mother
Board, Compact Disc Drive and Floppy Drive.

The screenshot shows the SAP 'Suppliers (Vision Operations: USD)' form. The 'Supplier Name' field is filled with 'Flextronics Inc'. The 'Supplier Number' field is empty. The 'Alternate Name', 'Taxpayer ID', and 'Inactive On' fields are also empty. The 'Tax Registration Number' field is empty with a '[]' button next to it. The 'General' tab is selected, showing 'Parent Supplier Name' and 'Number' fields, both empty, and a 'Customer Number' field, also empty. A 'Sites' button is located at the bottom right of the form.

Suppliers - ADS Vision LM0005

Folder Tools Window Help

Navigator - Purchasing, Vision Operations (USA)

Suppliers (Vision Operations: USD)

Supplier Name **Flextronics Inc** Supplier Number

Alternate Name

Taxpayer ID

Inactive On

Tax Registration Number []

General Classification Accounting Control Payment Bank Accounts EDI Invoice Tax Withholding Tax

Parent Supplier Name ... Number

Customer Number

Sites

In the Supplier Sites Form enter the Address for the Supplier and save the record.

ations - ADS Vision LM0005

Folder Tools Window Help

Suppliers (Vision Operations: USD)

Supplier Name **Flextronics Inc** Supplier Number **5090**

Supplier Sites (Vision Operations: USD) - Flextronics Inc, 5090

Site Name **NEW YORK** Alternate Name ☐

Country **United States**

Address **16 Newark Avenue** Alternate Address

City **Newyork** State **NY** Postal Code **15200**

Province County **Newark**

Language Inactive On [☐]

Accounting Control Payment Bank Accounts EDI Invoice Tax Withholding Tax Tax Reporting

Distribution Set

GL Accounts

Liability	01-000-2210-0000-000 Operations-Balance Sheet-Accounts Payable-No Sub Account-No Produc
Prepayment	01-000-1340-0000-000 Operations-Balance Sheet-Prepaid Expenses-No Sub Account-No Produc
Future Dated Payment	01-000-2580-0000-000 Operations-Balance Sheet-Future Dated Payments-No Sub Account-No P

nsaction complete: 2 records applied and saved.

List of Valu... <OSC>

For this Business case we assume HP Incorporated is supplying Mouse and Printer on Self Billing Basis.

We need to create one More Supplier to Show the Pay On Receipt Invoice.
(Self-billing Invoice)

Log into Purchasing Responsibility
Supply Base → Suppliers

ations - ADS Vision LM0005

Folder Tools Window Help

Suppliers (Vision Operations: USD)

Supplier Name **HP Incorporated** Supplier Number

Alternate Name

Taxpayer ID Tax Registration Number

Inactive On []

General Classification Accounting Control Payment Bank Accounts EDI Invoice Tax Withholding Tax

Parent Supplier Name ... Number

Customer Number

Sites

Open

Click on Site Button and enter Address for the Supplier.

In General Tab/ Site Uses / Pay Site / Purchasing

ations - ADS Vision LM0005

Folder Tools Window Help

Suppliers (Vision Operations: USD)

Supplier Sites (Vision Operations: USD) - HP Incorporated, [New]

Site Name **HOUSTON** Alternate Name ☐

Country **United States**

Address **343 Richardson Street** Alternate Address

City **Houston** State **TX** Postal Code **52160**

Province County **Texas**

Language Inactive On

General Contacts Accounting Control Payment Bank Accounts EDI Invoice Tax Withholding Tax

Site Uses

☒ Pay ☒ Purchasing

☐ Primary Pay ☐ RFQ Only

☐ Procurement Card

Customer Number

Shipping Network Location

Supplier Notification Method **E-mail**

Communication

Voice Area Code Number Telex

Fax E-mail

In Supplier Site Payment Tab change Terms to Immediate and payment method to Electronic

ations - ADS Vision LM0005

Folder Tools Window Help

Suppliers (Vision Operations: USD)

Supplier Sites (Vision Operations: USD) - HP Incorporated, [New]

Site Name **HOUSTON** Alternate Name ☐

Country **United States**

Address **343 Richardson Street** Alternate Address

City **Houston** State **TX** Postal Code **52160**

Province County **Texas**

Language Inactive On

General Contacts Accounting Control **Payment** Bank Accounts EDI Invoice Tax Withholding Tax

Terms **Immediate** Invoice Currency **USD**

Pay Group **Standard** Payment Currency **USD**

Payment Priority **99**

Remittance E-mail

Terms Date Basis **Invoice** ☐ Always Take Discount

Pay Date Basis **Due** ☐ Exclude Freight From Discount

Payment Method **Electronic** ☐ Pay Algne

☐ Attention AR

In Supplier Sites Bank Account Tab attach the bank Account and Enable the Primary check box as it is an Electronic payment method.

ations - ADS Vision LM0005

Folder Tools Window Help

Suppliers (Vision Operations: USD)

Supplier Sites (Vision Operations: USD) - HP Incorporated, 5091

Site Name **HOUSTON** Alternate Name ☐

Country **United States**

Address **343 Richardson Street** Alternate Address

City **Houston** State **TX** Postal Code **52160**

Province County **Texas**

Language Inactive On

Accounting Control Payment **Bank Accounts** EDI Invoice Tax Withholding Tax Tax Reporting

Name	Number	Curr	Primary	Effective Dates	
				From	To
<input checked="" type="checkbox"/> BofA-EDI	10271-17621-987	USD	<input checked="" type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		

Bank

Name **Bank of America**

Number **163281189**

Branch

Name **New York**

Number **7361982736**

In Supplier Sites Purchasing tab under Self Billing

Pay on Field choose Receipt and save the Record.

ations - ADS Vision LM0005

Folder Tools Window Help

Suppliers (Vision Operations: USD)

Supplier Sites (Vision Operations: USD) - HP Incorporated, 5091

Site Name	HOUSTON	Alternate Name		<input checked="" type="checkbox"/>	
Country	United States				
Address	343 Richardson Street	Alternate Address			
City	Houston	State	TX	Postal Code	52160
Province		County	Texas		
Language		Inactive On			[]

Control Payment Bank Accounts EDI Invoice Tax Withholding Tax Tax Reporting Purchasing

Ship-To Location	M1- Seattle	
Bill-To Location	V1- New York City	
Ship Via	UPS	
FOB	Origin	
Freight Terms	Due	
Country of Origin		

Self Billing

Pay On	Receipt
Alternate Pay Site	
Invoice Summary Level	Pay Site

☐ Create Debit Memo from RTS Transaction