

ENTERPRISE STRUCTURE

SAP MM Enterprise Structure

Let's register our Coffee Shop as a Company



Chicago Accounting Firm LLP



Siva Coffee Company Inc
1000 N. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-0000

Siva Coffee Company Inc



Accounting to be done under
Siva Coffee Company Inc

Establish the “Structure” of the company

“Legal Entity”

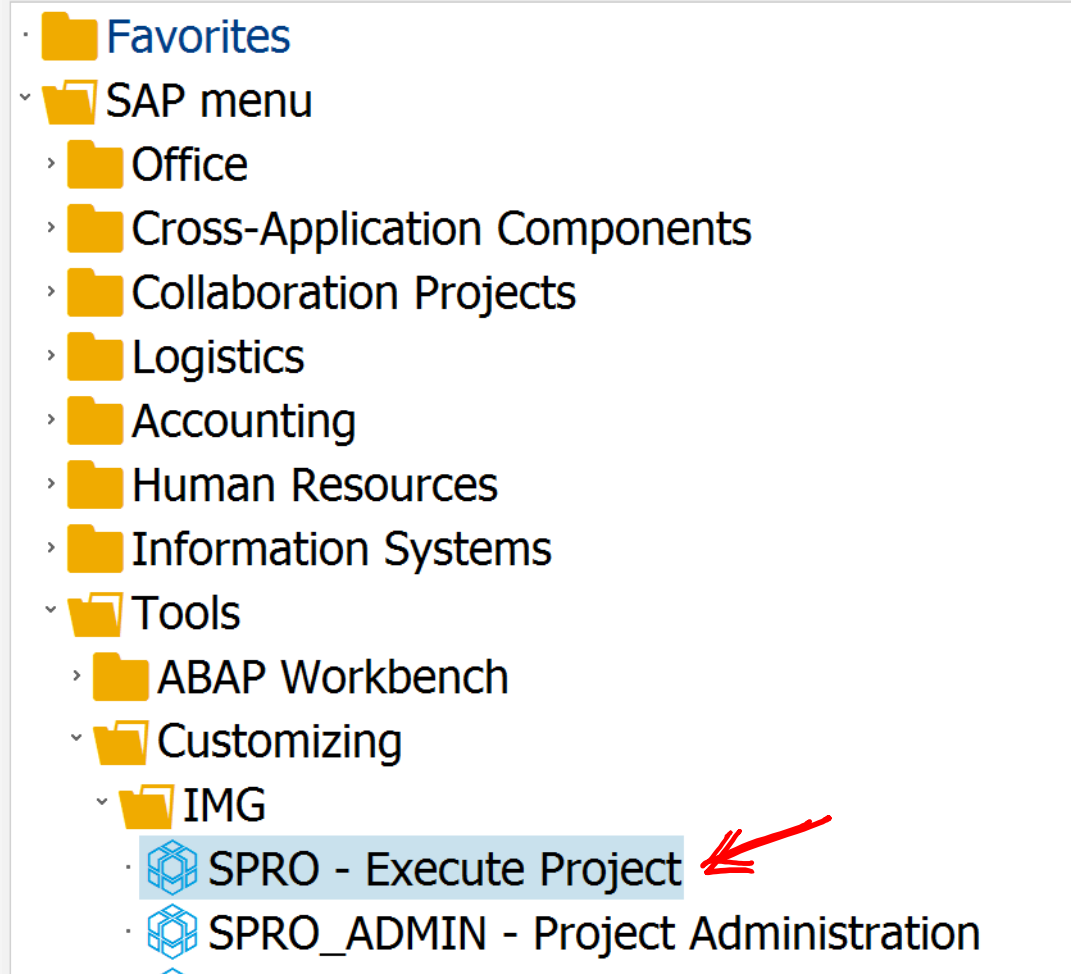
Company Code
in SAP



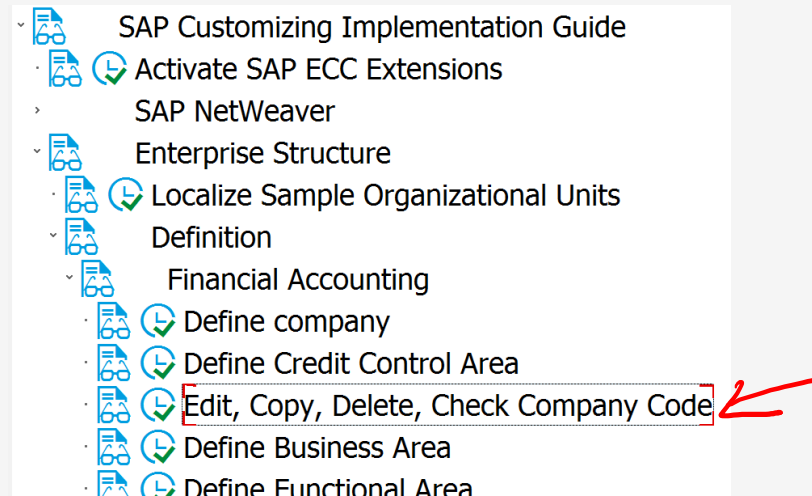
Siva Coffee Company Inc

Siva Coffee Company Inc
1000 N. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-0000

Let's create the "Company Code" in SAP



Let's create the "Company Code" in SAP



Activities	
Perf...	Name of Activity
	Copy, delete, check company code
	Edit Company Code Data

Organizational object Company code



Let's create the "Company Code" in SAP

Why copy?

Copy

From Company Code	3000
To Company Code	US01

☒ ☐

0001

G/L accounts in company code US01

Only copy the G/L accounts if you want to allocate the same ch/accts to the target company code as to the source company code.

? Do you want to copy the G/L account company code data?

Yes No ☒ Cancel

Let's create the "Company Code" in SAP

Why copy ?

Copy

From Company Code

3000

To Company Code

US01

✓

✗

G/L accounts in company code US01

Only copy the G/L accounts if you want to allocate the same ch/accts to the target company code as to the source company code.

?

Do you want to copy the G/L account company code data?

Yes

No

✗

Cancel

Change local currency

The reference company code has local currency USD .
If you allocate a different local currency to the target company code,
G/L accounts with currency USD are also changed.

?

Do you want to allocate a different local curr.to target company code?

Yes

No

✗

Cancel

Let's create the "Company Code" in SAP






What is a Transport Request?

Prompt for Customizing request

View Maintenance: Data V_TVEP

Request ECCK900004 Customizing request

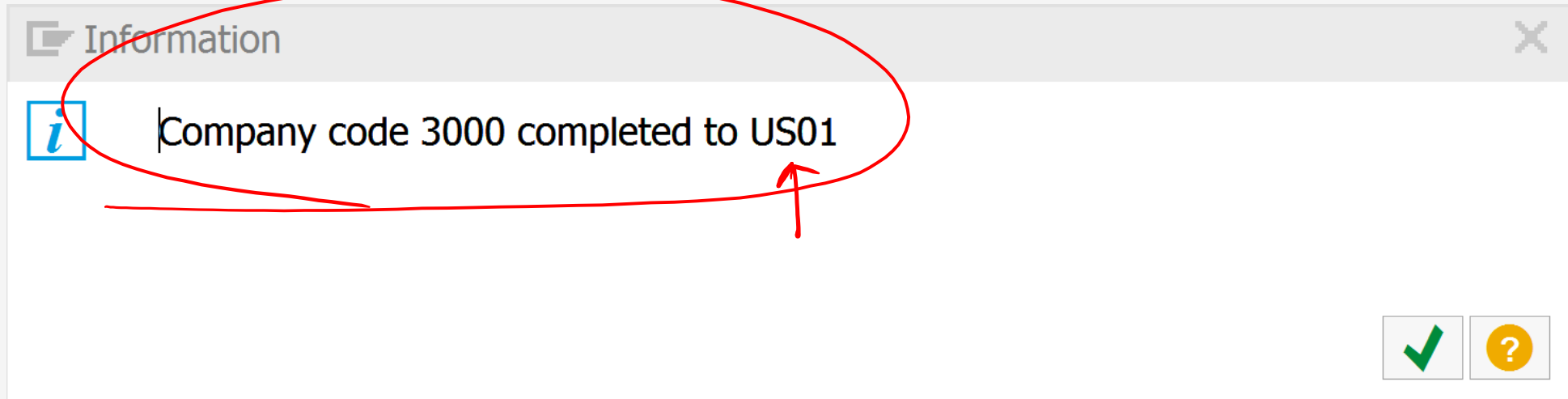
Short Description Create Company Code US01

    Own Requests 

↑
New

Let's create the "Company Code" in SAP

What is a Transport Request ?



Create a “Plant”

USo1



Siva Coffee Company Inc

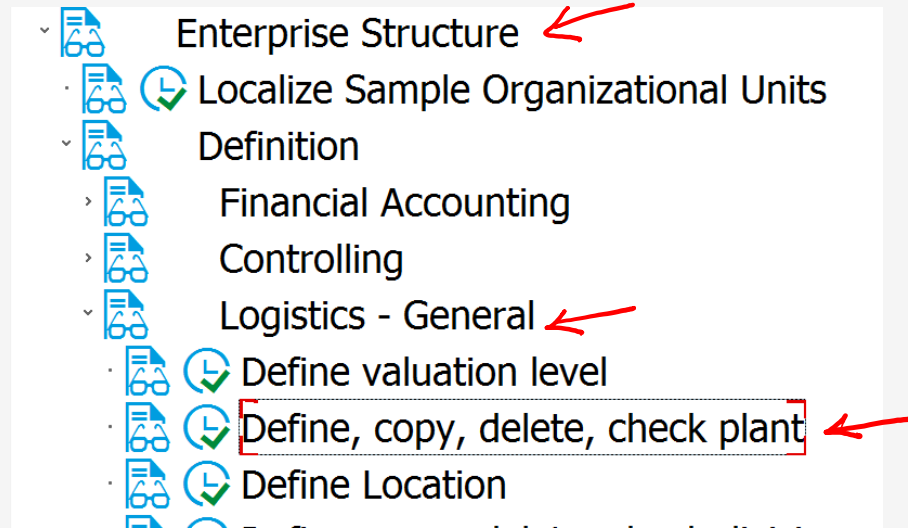


Chicago Plant

Plant


1000 S. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-1111

Create a “Plant”



Choose Activity

Activities

Perf...	Name of Activity
	Define Plant
	Copy, delete, check plant 
	Define plant for cross-system goods flow

Copy

From Plant	3100 
To Plant	CHI1 






Create a new Transport

 Prompt for Customizing request

Request	ECCK900004	Customizing request
Short Description	Create Company Code US01	




Why create a new TR ?

 Create Request 


Request		Customizing request
Short description	Create Plant CHI1	
 Project		
Owner	SIVA	Source client 800
Status	New	Target
Last changed	01.02.2016 23:40:18	

Tasks

User
SIVA


  

Create a new Transport


 Prompt for Customizing request

Request	ECCK900004	Customizing request
Short Description	Create Company Code US01	

 Create Request

Request		Customizing request
Short description	Create Plant CHI1	
 Project		
Owner	SIVA	Source client 800
Status	New	Target
Last changed	01.02.2016 23:40:18	

Tasks

User	
SIVA	

Why create a new TR ?



Create “Storage Locations”

Company Code - USo1



Siva Coffee Company Inc



Chicago Plant

Plant – CHl1

1000 S. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-1111



Storage Location

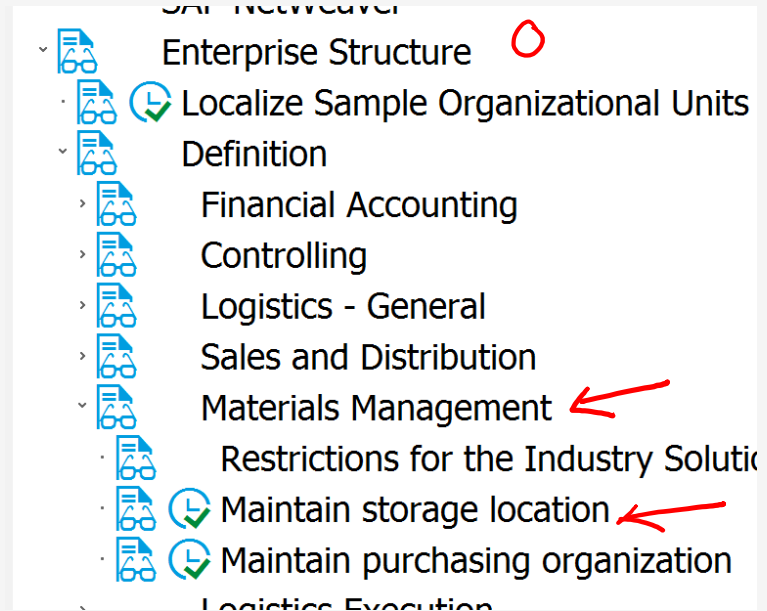


Storage Location



Storage Location

Create “Storage Locations”



Plant CHI1

SLoc	Description
RAW	Raw Materials
COFF	Coffee Beans
BAKE	Baked Goods

Stor. Loc

Create *Purchase Organization*



Purchasing Org – US01

Company Code - US01



Siva Coffee Company Inc



Chicago Plant

Plant – CH11

1000 S. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-1111



Storage Location

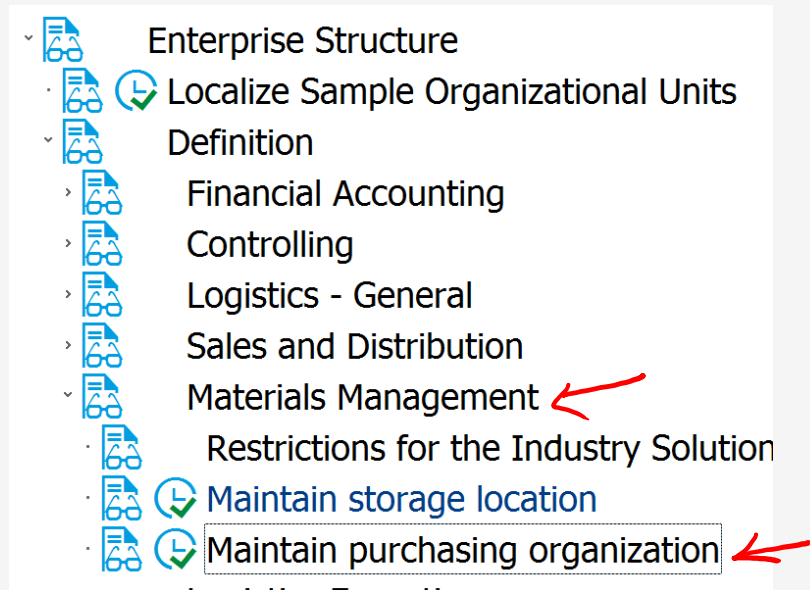


Storage Location











Storage Location

Create “Purchasing Org”

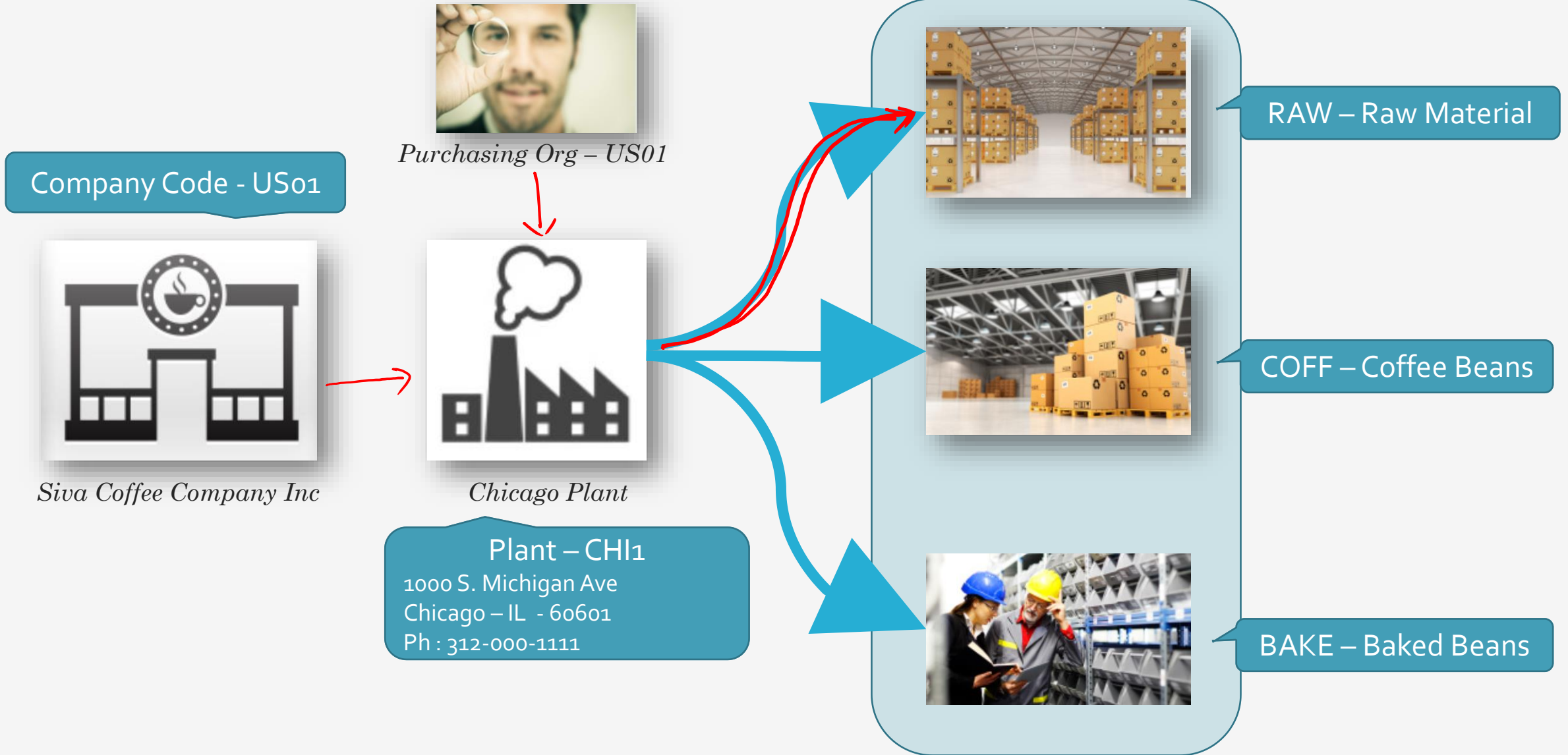


Change View “Purchasing Organizations”:

 New Entries      

Purch. Organization	Purch. Org. Descr.	
R300	Retail USA	^
S300	Service Provider	v
S330	Purchase Postal	
SL31	LSP Inc.	
US01	General US Purchasin	

Hook them up



Assign Company Code to Plant

Company Code - US01



Siva Coffee Company Inc



Chicago Plant

Plant – CHI1

1000 S. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-1111

- Enterprise Structure
 - Localize Sample Organizational Units
 - Definition
 - Assignment
 - Financial Accounting
 - Controlling
 - Logistics - General
 - Assign plant to company code
 - Assign Business Area to Plant/Valuat

Assignment Plant - Company Code

CoCd	Plnt	Name of Plant	Company Name
SL01	SL41	LA Air Depot	Services Logistics SP
SL01	SL42	NY Truck Depot	Services Logistics SP
SL01	SL43	NY Air Depot	Services Logistics SP
US01	CHI1	Chicago	IDES US INC

Assign Purchase Org to Plant



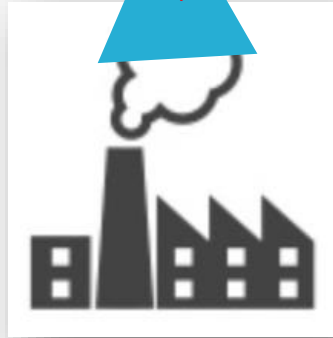
Purchasing Org – US01



Company Code - US01



Siva Coffee Company Inc



Chicago Plant

Plant – CHI1

1000 S. Michigan Ave
Chicago – IL - 60601
Ph : 312-000-1111

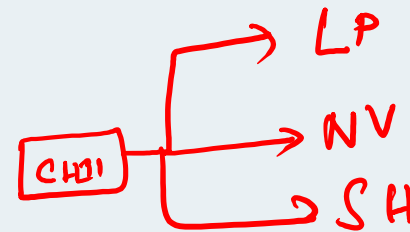
- Enterprise Structure
 - ✓ Localize Sample Organizational Units
 - Definition
 - Assignment
 - Financial Accounting
 - Controlling
 - Logistics - General
 - Sales and Distribution
 - Materials Management
 - ✓ Assign purchasing organization to company code
 - ✓ Assign purchasing organization to plant
 - ✓ Assign standard purchasing organization to plant ✓
 - Assign purch. organization to reference purch. org.

Change View "Default Pl



Plnt	POrg	Plant description
CHI1	US01	Chicago
CHP1	1000	Berlin
CHP2	1000	Berlin
CHP3	1000	Berlin

Exercise

S. No	Question	Answer
1	<i>A company registered with the Government is set up in SAP as</i>	<i>1. Plant 2. Company Code ✓ 3. Company Store</i>
2	<i>Plants can be assigned to more than 1 storage location</i>	<i>TRUE ✓ FALSE</i> 

Exercise

S. No	Question	Answer
3	<i>Each Transport Request gets a unique number</i>	<i>TRUE</i> ✓ <i>FALSE</i>
4	<i>Purchase Org can be assigned to Storage Location</i>	<i>TRUE</i> <i>FALSE</i> ✗

Exercise

S. No	Question	Answer
5	<i>One Plant can be assigned to more than one company code</i>	<i>TRUE</i> <i>FALSE</i> ✗
6	<i>Enterprise Structure has these 2 main sections</i>	<i>1. Definition</i> ✓ <i>2. Assignment</i> ✓ <i>3. Evaluation</i> ✗ <i>4. Porting</i> ✗

Exercise

S. No	Question	Answer
7	<i>Create a company code US02 as a copy of 3000</i>	✓
8	<i>Create a Purchase Org US02 as a copy of 3000</i>	✓

Exercise

S. No	Question	Answer
9	Create a Plant CHI2 as a copy of 3100	✓
10	Create 3 storage locations for plant CHI2 RAW – Raw materials BAKE – Baked Goods COFF – Coffee Beans	

Exercise

S. No	Question	Answer
11	<i>Can you create Storage Locations without assigning it to the Plant ?</i>	NO
12	<i>Assign the Plant to the Company Code</i>	C122 → US02

Exercise

S. No	Question	Answer
13	<i>Assign the Purchasing Org to the Plant</i>	<i>US02 → CH12</i>
14	<i>Do you need to assign the Purchasing Org to the company code ?</i>	<i>NOT Necessary</i>

Can you order some FLOUR for the newly created Plant – CHI1 ?

Create Purchase Order

Document Overview On Hold Print Preview Messages Personal Setting

NB Standard PO Vendor 1222 ABC Supply Company oc. date

Delivery/Invoi... Conditions Texts Address Communication Partners Additional Data **Org. D...** Status

Purch. Org.	US01	General US Purchasin
Purch. Group	300	A&D
Company Code	US01	IDES US INC

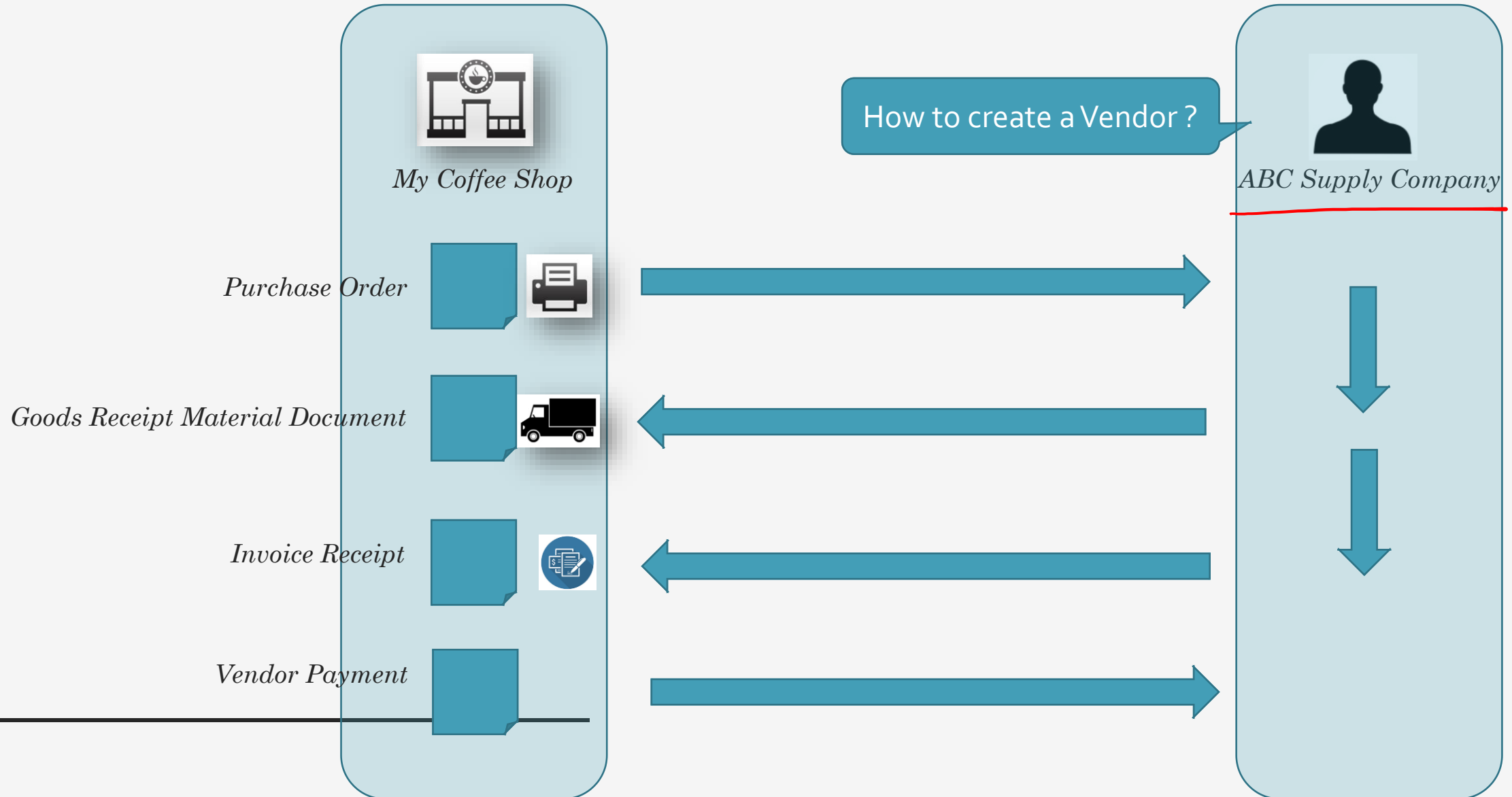
S...	Itm	A	I	Material	Short Text	PO Quantity	OUn	C	Deliv. Date	Net P

What does this mean ?

Vendor 1222 has not been created for purch. organization US01

ECC (4) 800

Create “ABC Supply Company” as a Vendor



Create a Vendor

- Logistics
 - Materials Management
 - Purchasing
 - Purchase Order
 - Purchase Requisition
 - Outline Agreement
 - RFQ/Quotation
 - Master Data
 - Info Record
 - Source List
 - Quota Arrangement
 - Approved Manufacturer Parts
 - Vendor
 - Purchasing
 - Central
 - XK01 - Create
 - XK02 - Change
 - XK03 - Display

What is the common pattern here ?

To “copy” or to “create”

Vendor			
Company Code	US01	IDES US INC	
PurchasingOrganization	US01	General US Purchasin	
Account group	0001	Vendors	
Reference			
Vendor	1222		ABC Supply Company
Company code	3000	IDES US INC	
PurchasingOrganization	3000	IDES USA	

Why copy ?

What does this error mean ?

Vendor		
Company Code	US01	IDES US INC
PurchasingOrganization	US01	General US Purchasin
Account group	0001	Vendors

Reference

Vendor	1222	ABC Supply
Company code	3000	IDES US INC
PurchasingOrganization	3000	IDES USA

❗ Acct group 0001 uses ext. no. assignment. Specify an account number

What does this error
mean ?

Number Ranges

•



Number Ranges

Vendor	4001	
Company Code	3510	IDES US INC
PurchasingOrganization	3510	IDES USA
Account group	0001	Vendors

Reference

Vendor	1222	ABC Supply Company
Company code	3000	IDES US INC
PurchasingOrganization	3000	IDES USA

Basic Address

Create Vendor: Address



Vendor

4001



Preview



Internat. versions

Name

Title

Name

ABC Supply Company

Search Terms

Search term 1/2

ABC

Street Address

Street/House number

1000 Denise Dr

Postal Code/City

60701

Chicago



Communication error with the external tax system (VERTEX_MS...

Another error ?

Create Vendor: Address



Vendor

4001



Preview



Internat. versions

Name

Title

Name

ABC Supply Company

Search Terms

Search term 1/2

ABC

Street Address

Street/House number

1000 Denise Dr

Postal Code/City

60701

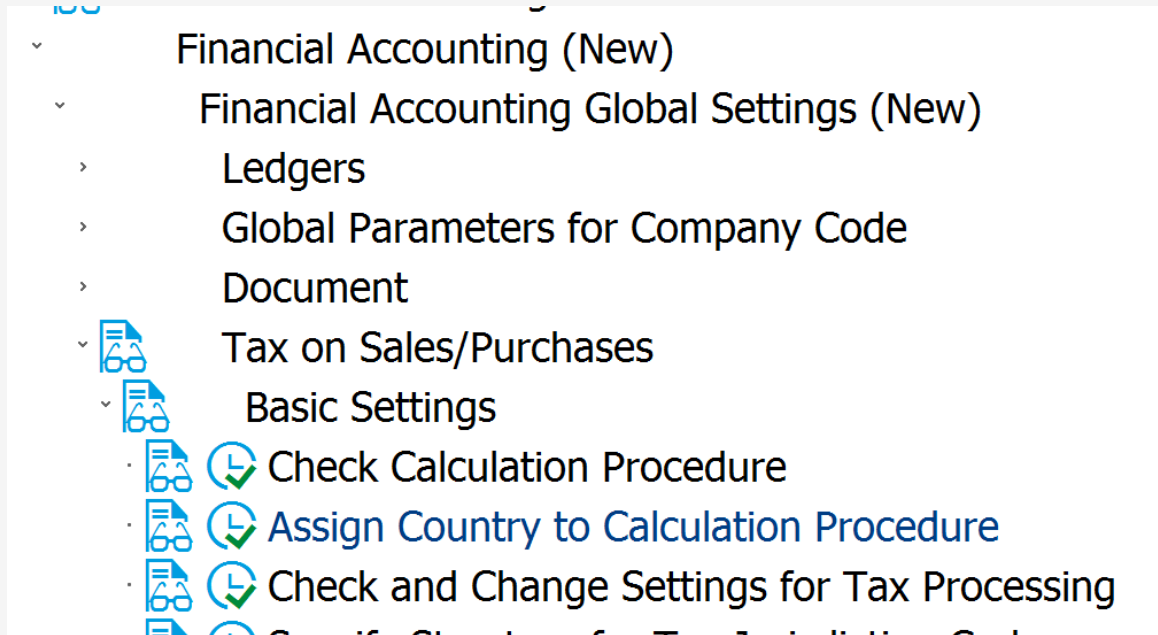
Chicago

What does this error mean ?



Communication error with the external tax system (VERTEX_MS...

Fix for Jurisdiction Code error



[OBBG]

Change View "Assign Country"

Cty	Name	Proc.
US	United States	TAXUS
UY	Uruguay	
UZ	Uzbekistan	
VA	Vatikanstadt	

Create a “Input” tax percentage of 0%

Maintain Tax Code: Initial Screen

Copy

Country Key	US	United States
Tax Code	I0	A/P sales tax, 0%

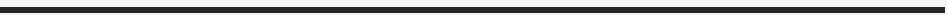
[FTXP]

Country Key	US	United States
Tax Code	I0	A/P sales tax, 0%
Procedure	TAXUS	
Tax type	V	Input tax

Percentage rates

Tax Type	Acct Key	Tax Percent. Rate
Base Amount		
A/P Distributed		
A/P Sales Tax 1 Inv.	NVV	0,000
A/P Sales Tax 2 Inv.	NVV	
A/P Sales Tax 3 Inv.	NVV	
A/P Sales Tax 4 Inv.	NVV	
A/P Undistributed		




What is “Input” tax ?





Move between screens

Accept Default data for now


Create Vendor: Address

Vendor

Preview




Internat. versions

Name	
Title	<input type="text" value=""/>
Name	ABC Supply Company
	<input type="text" value=""/>

Search Terms

Search term 1/2	ABC
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Vendor created


Vendor		
Company Code	US01	IDES US INC
PurchasingOrganization	US01	General US Purchasin
Account group	0001	


Reference		
Vendor	1222	ABC Supply Company
Company code	3000	IDES US INC
PurchasingOrganization	3000	IDES USA

✔ Vendor 0000004001 has been created for company code US01 purchasing organization US01




Let's order the Flour now


Document Overview On   Hold    Print Preview Messages  



 NB Standard PO Vendor 4001 ABC Supply Company

 Delivery/Invoi... Conditions Texts Address Communication Partners Additional Data **Org. D...** S



















Purch. Org.	US01	General US Purchasin
Purch. Group	300	A&D
Company Code	US01	IDES US INC

	S...	Itm	Material	Short Text	PO Quantity	OUn	C	Deliv.
		10	<u>BP-401</u>	 ur		1	KG	D 01.0

< > 

 Material BP-401 not maintained in plant CHI1 

Let's create a new material

- √  Logistics
 - √  Materials Management
 - ›  Purchasing
 - ›  Inventory Management
 - ›  Excise Duty
 - ›  Logistics Invoice Verification
 - ›  Physical Inventory
 - ›  Valuation
 - ›  Material Requirements Planning (MRP)
 - ›  Service Entry Sheet
 - ›  Service Master
 - ›  Foreign Trade/Customs
 - √  Material Master
 - √  Material
 - ›  Create (Special)
 - √  Create (General)
 -  MM01 - Immediately
 -  MM11 - Schedule

Let's create a new material (as a copy)

Create Material (Initial Screen)

Select view(s)

Organizational levels

Data

Material

FLOUR-01

Industry sector

1 Retail



Material Type

ROH Raw material



Change Number

Copy from...

Material

BP-401

Let's create a new material

Select View(s)

View

Basic Data 1

Basic Data 2

Classification

Purchasing

Foreign Trade: Import Data

Purchase Order Text

MRP 1

MRP 2

MRP 3

MRP 4

Forecasting

General Plant Data / Storage 1

General Plant Data / Storage 2

Warehouse Management 1

Warehouse Management 2

Quality Management

Accounting 1

☐ View selection only on request

☐ Create views selected

✓

Organizational levels

Data

Default values

✗

Create a new PO with Vendor 4001 and material Flour-01

	NB Standard PO	▼ 4500017181	Vendor	4001 ABC Supply Company	Doc. da
--	----------------	--------------	--------	-------------------------	---------

Header

S...	Itm	A	I	Material	Short Text	PO Quantity	OUn	C	Deliv. Date	Ne
	10			FLOUR-01	Flour		1KG	D	01.02.2016	

< > ...

Addl Planning

Item

▼ 1 [10] FLOUR-01 , Flour
 ▲ ▼

Material D...	Quantities/Weights	Delivery Schedule	Delivery	Invoice	Condi...	Texts	Delivery Address	Confirmation
---------------	--------------------	-------------------	----------	---------	----------	-------	------------------	--------------



Qty	1 KG	Net	10,00	USD
-----	------	-----	-------	-----





















Pricing Elements

N..	CnTy	Name	Amount	Crcy	per	UoM	Condition value	Cu
	PBXX	Gross Price	10,00	USD		1KG	10,00	US
		Net incl. disc.	10,00	USD		1KG	10,00	US
		Net incl. tax	10,00	USD		1KG	10,00	US
	SKTO	Cash Discount	0,000	%			0,00	US
		ual Price	10,00	USD		1KG	10,00	US

Do a G/R

Display logs


Typ	Item	Message text	LTxt
		For object RF_BELEG US01, number range interval 50 does not exist FBN1	

Navigation and status icons:                0  1  0  0  

What does this error mean ?

Create FI document number ranges

Maintain Number Range Intervals

 Interval

NR Object

Accounting document

Subobject

US01

Intervals

No	Year	From number	To number
50	2016	5000000000	5999999999

What is the t-code for this ?

G/R and I/R done

Standard PO 4500017184 Created by siva

Document Overview On

Print Preview

Messages

Personal Setting

NB Standard PO

4500017184

Vendor

4001 ABC Supply Company

Header

S...	Itm	A	I	Material	Short Text	PO Quantity	OUn	C	Deliv. Date
	10			FLOUR-01	Flour		1 KG	D	02.02.20

< > ...

Add P

Item

1 [10] FLOUR-01 , Flour

Material D...

Quantities/Weights

Delivery Schedule

Delivery

Invoice

Conditions


Purchase Order Hist...

Texts






Sh. T	MVT	Material Docum	Item Posting Date	Quantity	Delivery cost quantity	OUn
WE	101	2000011	1 02.02.2016	1		0 KG
Tr./Ev. Goods receipt				1		KG
RE-L		5105608722	1 02.02.2016	1		0 KG
Tr./Ev. Invoice receipt				1		KG

Stock Check

Selection

Material	FLOUR-01	 our
Material Type	ROH	Raw material
Unit of Measure	KG	Base Unit of Measure

Stock Overview

 Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qu
Full	4,000	
US01 IDES US INC	4,000	
CHI1 Chicago	4,000	
RAW Raw Materials	4,000	

Look at the Org Structure

Exercise

S. No	Question	Answer
1	Create new material for Coffee Beans	Coffee Beans - 01
2	Create a new Vendor for supplying coffee beans. Give it this address Name : Gourmet Coffee Company LLC 2000 N. Michigan Ave Chicago - IL - 60601	4002

Exercise

S. No	Question	Answer
3	<i>Order 10 KG of coffee beans from the newly created vendor. Issue PO output.</i>	4500017181
4	<i>Do a G/R and I/R for the PO created</i>	✓ ✓

Exercise

S. No	Question	Answer
5	<i>Check stock levels and ensure your stock is increased/created by 10 KG</i>	<u>MMBE</u> ✓



What is she saying ?



Who is Bob ?

US1 – Chicago Coffee Purchasing Group

Materials Management
General Settings for Materials Management
Consumption-Based Planning
Purchasing
Environment Data
Material Master
Vendor Master
Restrictions for the Industry Solution for Defer
Create Purchasing Groups
Purchasing Info Record
Source List

New Entries: Overview of Added Entries



Purchasing Groups				
P...	Desc. Pur. Grp	Tel.No. Pur.Grp	E-Mail Address	
US1	Chicago Coffee	312-000-0000	us1@sivacoffee.com	

Document Overview On Hold Print Preview Messages Personal Setting

NB Standard PO Vendor 4001 ABC Supply Company Doc. d

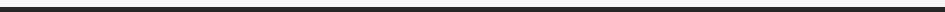
Delivery/Invoi... Conditions Texts Address Communication Partners Additional Data **Org. D...** Status

Purch. Org. General US Purchasin
Purch. Group Chicago Coffee
Company Code IDES US INC

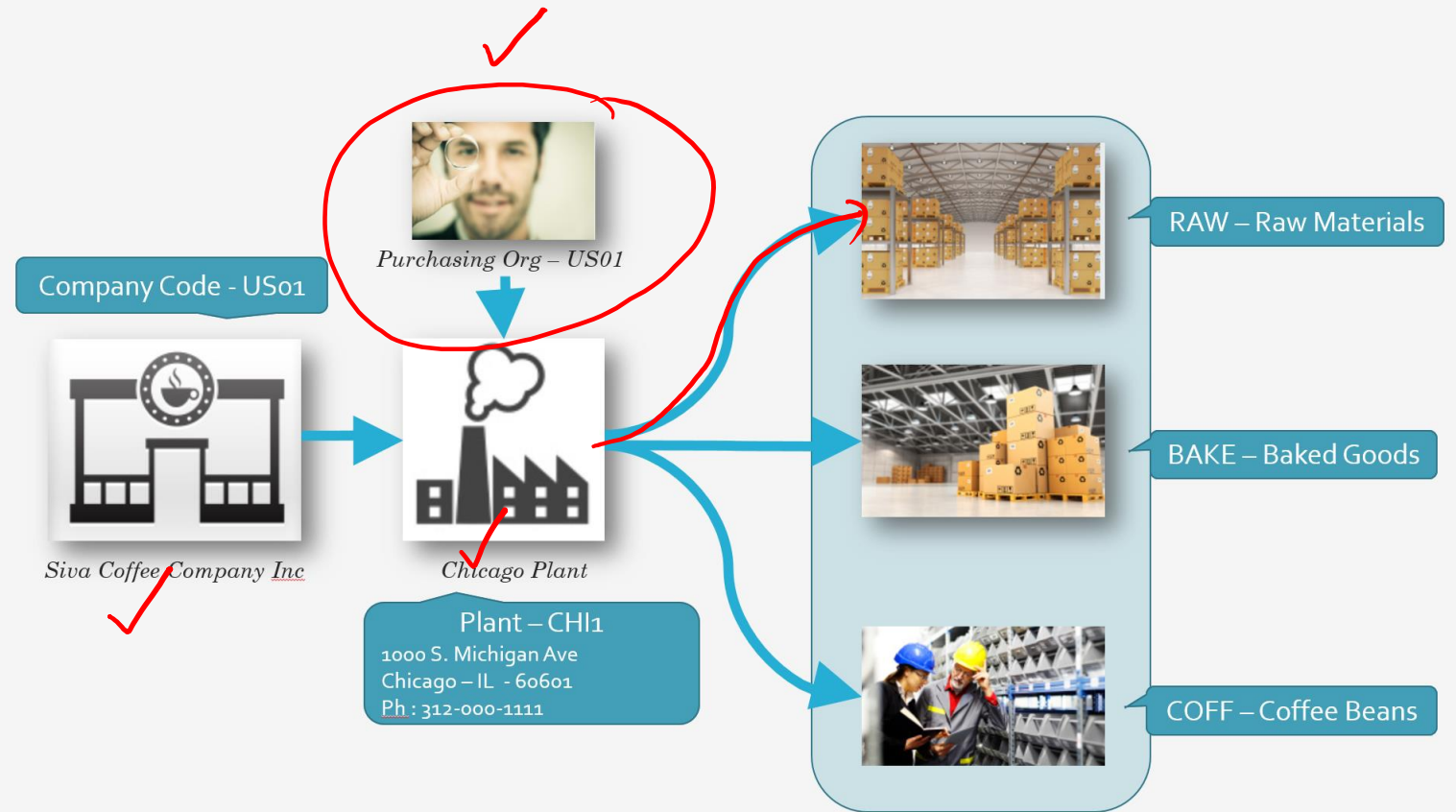
Exercise

S. No	Question	Answer
1	<i>Create new Purchasing Groups for all raw materials related to baked goods</i>	<i>US2 – Baked Raw Mat</i>
2	<i>Is the Purchasing Group an Enterprise Structure Element ?</i>	

Summary



What is Enterprise Structure



*Copy and
create your
own
materials
and vendors*

Vendor	4001	
Company Code	3510	IDES US INC
PurchasingOrganization	3510	IDES USA
Account group	0001	Vendors

Reference		
Vendor	1222	ABC Supply Company
Company code	3000	IDES US INC
PurchasingOrganization	3000	IDES USA

Create Material (Initial Screen)

Select view(s)	Organizational levels	Data
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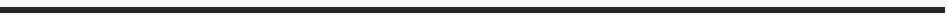
Material	FLOUR-01
Industry sector	1 Retail
Material Type	ROH Raw material

Change Number	
---------------	--

Copy from...	
Material	BP-401

What are

*Number
Ranges*



What are
Jurisdiction
Codes

