

Sourcing Setups:-

Sourcing Basic setups: -

1. Negotiation Styles
2. Cost Factors
3. Cost Factors List
4. Attribute List
5. Variables Creation
6. Sourcing Lookups
7. Manage sourcing notifications.

Setup: Procurement

Latest Export: Ready for error review 11/10/24 11:07 AM

Functional Areas: Suppliers, Approval Management, **Procurement Foundation**, Items, Purchasing Foundation, Procurement Transaction Account Rules, Transaction Tax, Self Service Procurement, External Purchase Prices, Receiving, Receipt Accounting, Payables, Payments.

Search Tasks: [Search Box]

Procurement Foundation

Task	Help	Scope	Predecessor Tasks	Notes	Actions
Manage Procurement Agents			0	0	
Manage Payment Terms			0	0	
Manage Units of Measure			0	0	
Configure Procurement Business Function	?		0	0	
Configure Requisitioning Business Function	?		0	0	
Manage Procurement Agents		US1 Busi...	0	0	

Sourcing

Configure Abstract Listing Define Terms and Conditions

Negotiation Type: RFQ

Negotiation Style: Standard Negotiation with AI Assist

Rank Indicator: 1,2,3...

Maximum Requirement Score: 7

Purchasing Documents: Create in Oracle Fusion Purchasing

Agreement Lines: Update matching lines

Configuration Options:

- ☒ Enable weights in requirements
- ☒ Display requirement scoring criteria to suppliers
- ☒ Automatically populate responses to predefined questions
- ☐ Display rank in blind negotiations
- ☒ Display best price in blind negotiations
- ☒ Enforce supplier's previous round price as start price
- ☒ Enable negotiation approval
- ☒ Enable award approval
- ☒ Invite only sourcing eligible suppliers

1. Manage Negotiation Styles:

Search

Done

Match With Tasks, Task Lists, Business Objects

Name	Type	Details
Manage Negotiation Styles	Task	

Manage Negotiation Styles

Done

Search

Active Negotiation Styles

Negotiation Style

Description

Code

Document Type

Status

Search

Reset

Save...

Search Results

Actions View Format Freeze Detach Wrap

Negotiation Style	Description	Code	Status
Composite Scoring RFQ	Composite Scoring RFQ	COMPOSITE_S...	Active
Demande de devis	Demande de devis	DDEV	Active
Equipment - Clinical	All powered and non-powered medical equipment used on patients or in the support of direct patient care	Equipment_Clini...	Active
Equipment - Non-Clinical	All powered and non-powered equipment not used on patients and not in direct support of patient care	Equipment_Non...	Active
Internal Cost Factors Simple	Basic and simple negotiation Style with Internal Cost Factors enabled.	ICF_STYLE	Active
Large Negotiations	Large Negotiations using spreadsheet uploads	LARGE_NEGO...	Active
Lifescience	CRO, CMO suppliers	CROCMO	Active
MBP Simple RFQ	MBP Simple RFQ	MBP_Simple_R...	Active
MBP Standard	MBP Standard	MBP_Standard	Active
Materials, Equipment, and Supplies	For the procurement of materials used by our organization, either through special projects or normal course of business	Materials_Equip...	Active
Professional and Other Services	For procurement of specialized services for construction, legal, engineering, auditing and other purposes.	ProfessionalSvcs	Active
Public Works Contracts (Constructi...	For sourcing of construction, alteration, demolition, installation, or repair work done under contract.	Construction	Active

Click on + symbol,

ORACLE

fa-euth-dev94-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseTaskListManagerTop?_afLoop=1044434299399531&_afWindowMode=0&_afWindowId=4q11qrex&_adf.ctrl-state=27...

Create Negotiation Style

Save Save and Close Cancel

Negotiation Style

Description

Code

Status

Document Types

View Format Freeze Detach Wrap

Enable	Document Type	Negotiation Display Name	Response Document Type	Response Display Name	Default Negotiation Template	Edit Content
<input checked="" type="checkbox"/>	Auction	TATA_Auction	Bid	Bid		
<input checked="" type="checkbox"/>	RFI	TATA_RFI	Response	Response		
<input checked="" type="checkbox"/>	RFQ	TATA_RFQ	Quote	Quote		

CONTENTS

Negotiation Document Format

☒ Single document
☐ Lines in separate spreadsheet

Cover Page

☐ Cover page
☒ AI Assist

Overview

☐ Large negotiation
☐ Two stage RFQ
☒ General introduction
☒ Terms instructions
☒ Staggered closing
☒ Autoextend
☒ Collaboration team
☐ Abstract
☒ Project tasks

Requirements

☒ Requirements

Lines

☒ Instructions
☒ Lines in RFI
☒ Lots
☒ Line groups
☒ Alternate response lines
☒ Line level price decrement
☒ External cost factors
☒ Quantity-Based price tiers
☒ Line attributes
☒ Multiattribute scoring
☒ Default line attributes

Contract Terms

☐ Contract terms

Suppliers

☐ Send invitation to all contacts
☒ Internal cost factors
☒ Response amount

Here I have changed the document format, by disabling some unnecessary tables like, Cover page, Contract terms etc.

← → ↻ dabpqy.ds-fa.oraclepdemos.com/fscm/UI/faces/fuseTaskListManagerTop?_afzLoop=18134119427851067&_adf.ctrl-state=14wmgdjv4h_309 ☆ □ ⓘ ⋮

☒ General introduction
☒ Terms instructions
☒ Staggered closing
☒ Autoextend
☒ Collaboration team
☐ Abstract
☒ Project tasks

Requirements

☒ Requirements
☒ Instructions
☒ Team scoring

☒ Line attributes
☒ Multiattribute scoring
☒ Default line attributes

Contract Terms

☐ Contract terms

Suppliers

☐ Send invitation to all contacts
☒ Internal cost factors
☒ Response amount
☒ Line price

Responses

☒ Prebid
☒ Proxy
☒ Mass price reduction
☒ Response by spreadsheet
☒ Requirements and lines
 — Requirements only
☒ Lines only
☐ Overall rank

We can restrict the cover page, contract terms in our RFQ's

2. **Cost Factors:** - in addition to the line level item cost, we also add some additional costs such as cost factors.

Edit Negotiation (RFQ 31788): Lines ? ★

Currency = US Dollar

Last Saved 3/11/22 2:07 AM
Time Zone Coordinated Universal Time

Instructions

Laptop X800 Specifications: 1.5 TB Hard Drive, 4GB Memory, Intel Processor 4th Gen Core i7, 3 Year Service Agreement, Windows 8 Operating System with Office 2013
Laptop X400 Specifications: 1 TB Hard Drive, 8GB Memory, Intel Processor 4th Gen Core i5, 3 Year Services Agreement, Windows 8 Operating System with Office 2013

Lines ? Manage Default Line Details

Actions View Format + X Freeze Detach Wrap

Line	Requisitioning BU	* Line Type	Item	* Description	* Category Name	* Quantity	* UOM	* Location	Requested Delivery Date	Current Price	Start Price	AI
1	US1 Business	Goods		Laptop X800	Laptops	50	Ea	Seattle	m/d/yy	1,200.00		N
2	US1 Business U...	Goods		Laptop X400	Laptops	50	Ea	Seattle		1,000.00		Ni

Rows Selected 1 Columns Hidden 5

Click on edit button

Lines: Edit Line 1 (RFQ 31788)

Currency = US Dollar

Last Saved 3/11/22 2:07 AM

Requisitioning BU: US1 Business Unit

* Line Type: Goods

Item:

* Description: Laptop X800

* Category Name: Laptops

Allow Alternate Lines: No

* Quantity: 50

* UOM: Ea

* Location: Seattle

Requested Delivery Date: m/d/yy

Current Price: 1,200.00

Start Price:

Target Price:

Note to Suppliers:

Attachments: None +

Display target price: ☐

Cost Factors ?

Line Target Price:

Display target: ☐

Actions View Format + X Freeze Detach Wrap Add from List

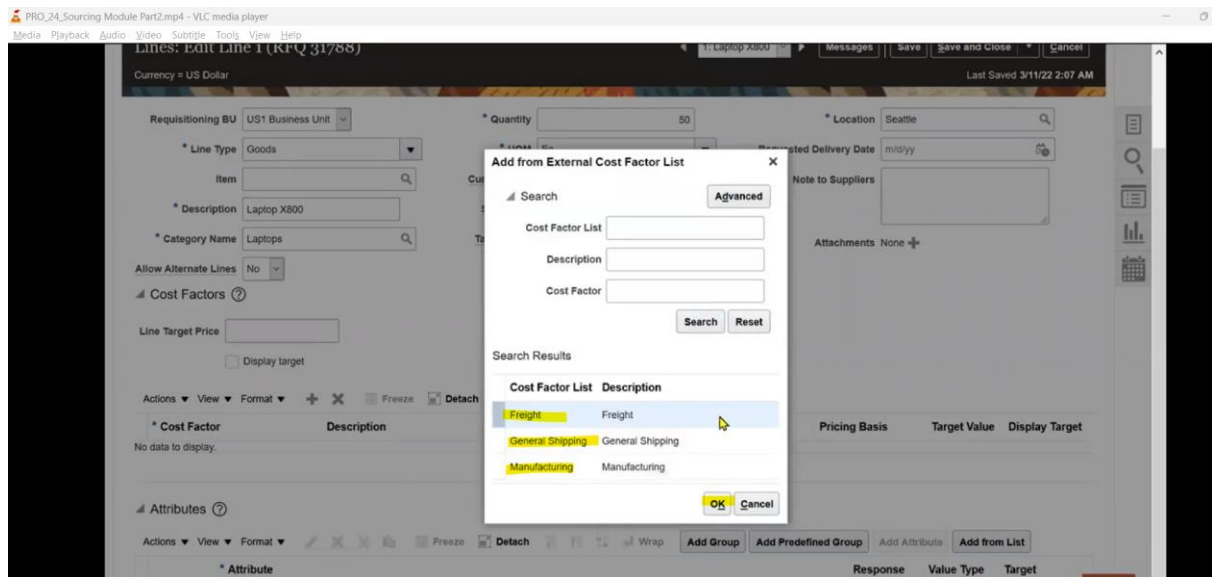
* Cost Factor	Description	Pricing Basis	Target Value	Display Target
No data to display.				

Attributes ?

Actions View Format + X Freeze Detach Wrap Add Group Add Predefined Group Add Attribute Add from List

* Attribute	Response	Value Type	Target
-------------	----------	------------	--------

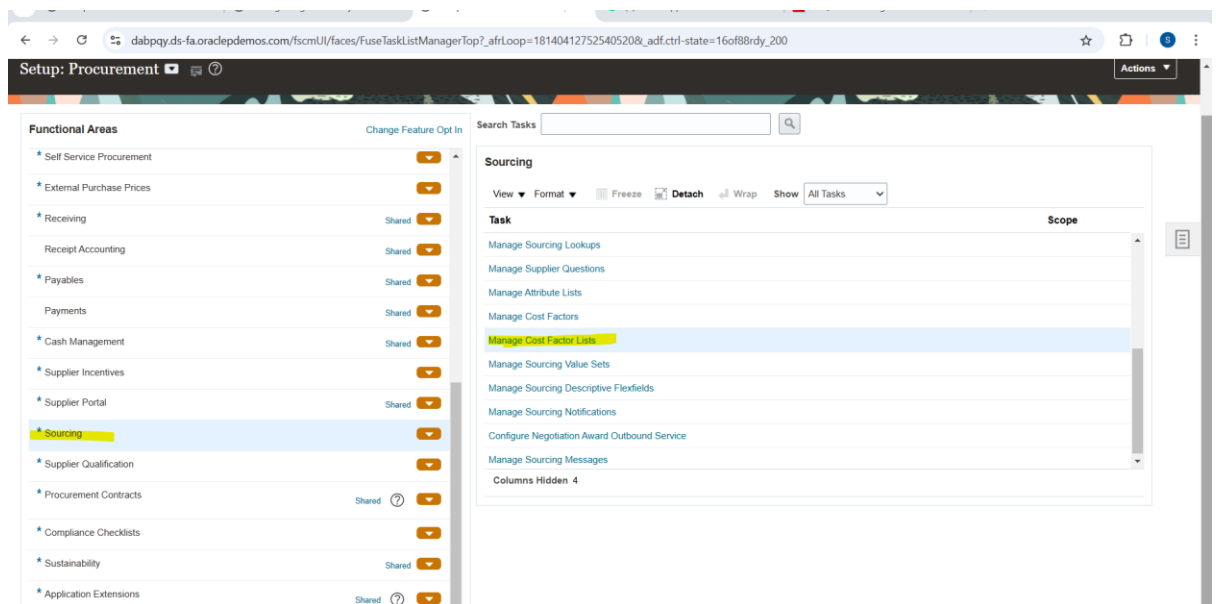
Click on Add form the List



Add some freight, General shipping and manufacturing.

These are called cost factors.

3. Cost factor Lists: -



Search

Cost Factor List: Cost Factor: Status:

Description: Type:

Search Results

Cost Factor List	Description	Type	Status
Freight	Freight	External	Active
General Shipping	General Shipping	External	Active
Manufacturing	Manufacturing	External	Active
Telecom Line Level ICF	Telecom Line Level Internal Cost Factors	Internal	Active
Telecom Supplies List	Internal cost associated with procuring telecom supplies from certain suppliers at response level	Internal	Active

Cost factor list contains freight, packing charges and special delivery charges.
For example, above all these cost factors are defined under transportation charges.

Now we will define the cost factors later we will add to the cost factors list.

Search

Cost Factor: Code: Status:

Description: Type:

Search Results

* Cost Factor	Description	* Code	Type	Pricing Basis	Status
Special handling charges	Special handling charges	SHC	External	Fixed amount	Active
Transportation charges	Transportation charges	TC	External	Fixed amount	Active
Administrative Fee	Administrative Fee as % of Line Price	AF100	External	Percentage of line price	Active
Assembly Cost	Assembly Cost as % of Line Price	AC100	External	Percentage of line price	Active
Disposal	Disposal of item	DISPOSAL	Internal	Percentage of line price	Active

I have added two cost factors.
These two I will create as a cost factor list.
Goto cost factor list

Setup and Maintenance - Oracle | Setup and Maintenance - Oracle | Manage Cost Factor Lists - Setu | (2) WhatsApp | RFQ: 31799 - Negotiations - Or | +

dabpqy.ds-fa.oraclepdemos.com/fscmlUI/faces/fuseTaskListManagerTop?_adf.ctrl-state=16of88rdy_2008&_afLoop=181410066302638208&_afFS=168&_afMT=screen&_afMFW=1536&_afMFH...

vision

Manage Cost Factor Lists

Done

Search

Cost Factor List

Description

Type

Cost Factor

Status Active

Saved Search

Active Cost Factor Lists

Search

Reset

Save...

Search Results

Actions

View

Format

Freeze

Detach

Wrap

Cost Factor List	Description	Type	Status
Freight	Freight	External	Active
General Shipping	General Shipping	External	Active
Manufacturing	Manufacturing	External	Active
Telecom Line Level ICF	Telecom Line Level Internal Cost Factors	Internal	Active
Telecom Supplies List	Internal cost associated with procuring telecom supplies from certain suppliers at response level	Internal	Active

Click on +

Setup and Maintenance - Oracle | Setup and Maintenance - Oracle | Manage Cost Factor Lists - Setu | (2) WhatsApp | RFQ: 31799 - Negotiations - Or | +

dabpqy.ds-fa.oraclepdemos.com/fscmlUI/faces/fuseTaskListManagerTop?_adf.ctrl-state=16of88rdy_2008&_afLoop=181410066302638208&_afFS=168&_afMT=screen&_afMFW=1536&_afMFH...

vision

Create Cost Factor List

Save | Save and Close | Cancel

* Cost Factor List

Description

Status Active

Type External

Actions

View

Format

Freeze

Detach

Wrap

* Cost Factor	Description	Pricing Basis
Transportation charges	Transportation charges	Fixed amount
Special handling ch	Special handling charges	Fixed amount

Add the cost factor list name
Under name
Add the cost factors.

Goto the negotiation screen add the cost factors list , add to our RFQ Lines

Currency = US Dollar Last Saved 3/11/22 2:07 AM

Requisitioning BU: US1 Business Unit * Quantity: 50 * Location: Seattle

* Line Type: Goods Item: [Search] * Description: Laptop X800

* Category Name: Laptops Allow Alternate Lines: No

Cost Factors ?

Line Target Price: [] ☐ Display target

Actions: View Format + X Freeze Detach

* Cost Factor: [] Description: []

No data to display.

Attributes ?

Actions: View Format + X X Freeze Detach Wrap Add Group Add Predefined Group Add Attribute Add from List

* Attribute: []

Response Value Type Target

Add from External Cost Factor List X

Search Advanced

Cost Factor List: []

Description: []

Cost Factor: []

Search Reset

Search Results

Cost Factor List	Description
Freight	Freight
General Shipping	General Shipping
Manufacturing	Manufacturing
Transportation c.	

OK Cancel

4. Attribute List: -

We will add the attributes list from the RFQ creation line level screen, add from the list

Requisitioning BU: US1 Business Unit * Quantity: 50 * Location: Seattle

* Line Type: Goods Item: [Search] * Description: Laptop X800

* Category Name: Laptops Allow Alternate Lines: No

Cost Factors ?

Line Target Price: [] ☐ Display target

Actions: View Format + X X Freeze Detach

* Cost Factor: [] Description: []

Transportation charges Transportation charges

Special handling charges Special handling charges

Attributes ?

Actions: View Format + X X X Freeze Detach Wrap Add Group Add Predefined Group Add Attribute **Add from List**

* Attribute: []

Columns Hidden: 1

Response Value Type Target

Add from Attribute List X

Search Advanced

Attribute List: []

Description: []

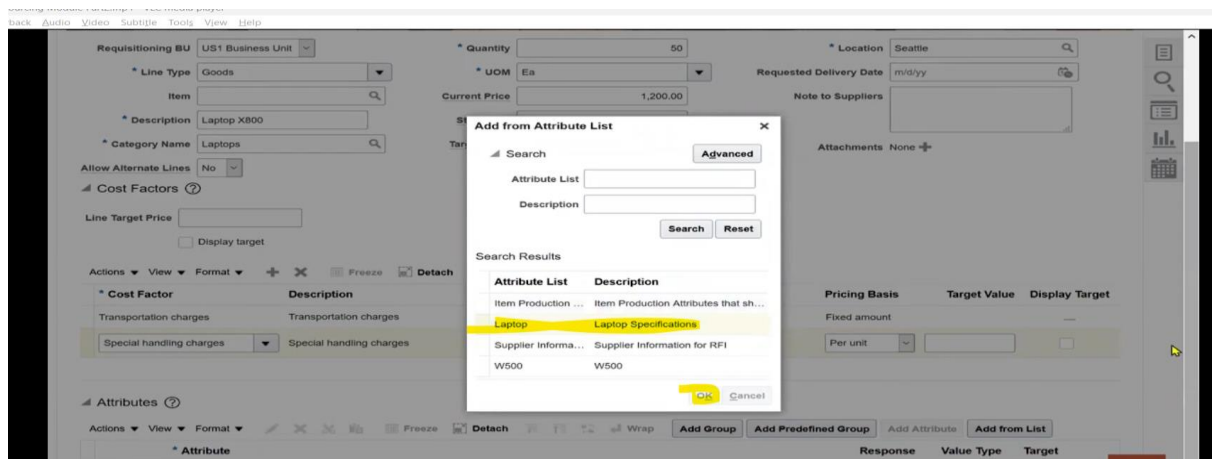
Search Reset

Search Results

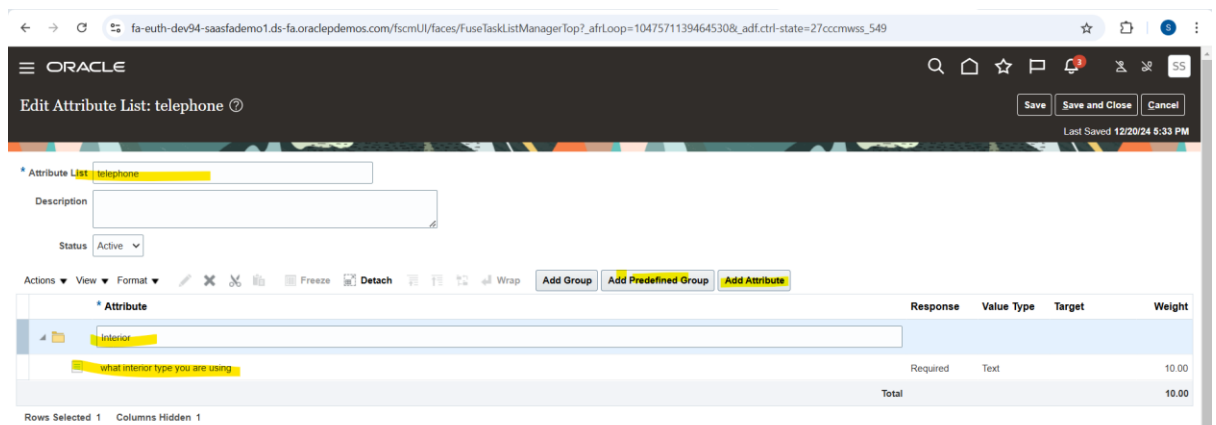
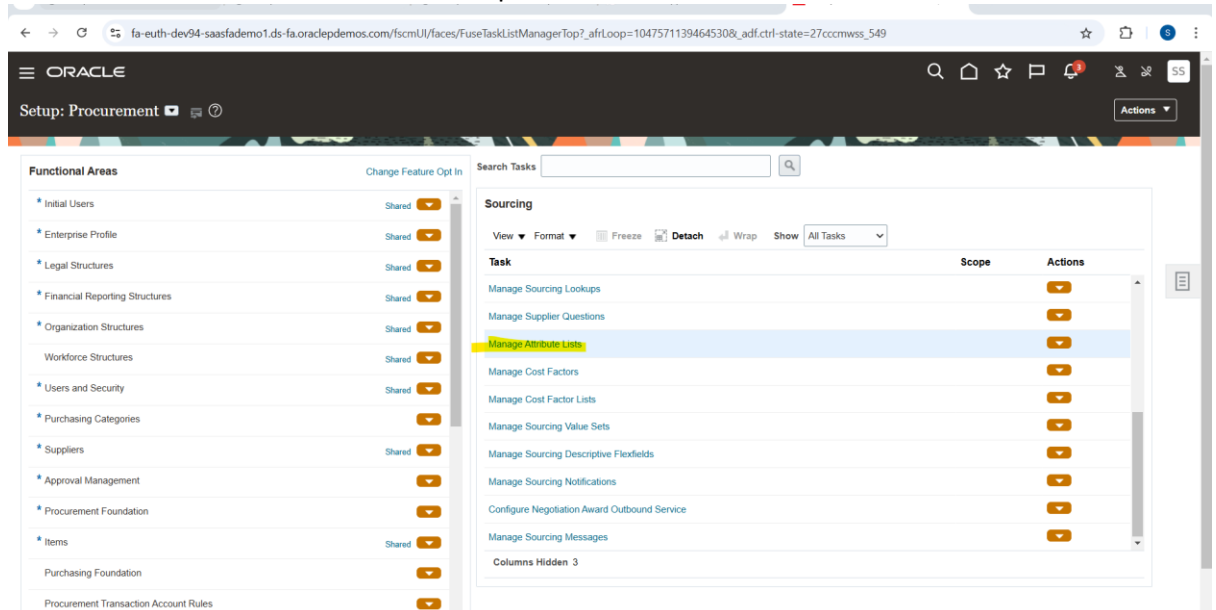
Attribute List	Description
No data to display.	

OK Cancel

Search



We will create the attribute list from setups also



5. Variables Creation: -

In negotiation style, edit the content

fa-euth-dev94-saasfadem01.ds-fa.oraclepdemos.com/fscmUI/faces/FuseTaskListManagerTop?_afzLoop=10475711394645308_adf.ctrl-state=27ccmws5_549

ORACLE

Create Negotiation Style ?

Save Save and Close Cancel

Negotiation Style TATA Negotiation Style

Description TATA Negotiation Style

Code TATA_NEG_STYLE

Status Active

Document Types

View Format Freeze Detach Wrap

Enable	Document Type	Negotiation Display Name	Response Document Type	Response Display Name	Default Negotiation Template	Edit Content
<input checked="" type="checkbox"/>	Auction	TATA_Auction	Bid	Bid		
<input checked="" type="checkbox"/>	RFI	TATA_RFI	Response	Response		
<input checked="" type="checkbox"/>	RFQ	TATA_RFQ	Quote	Quote		

Manage Negotiation Styles - 361

ucf6-zxhq-fa-ext.oraclepdemos.com/fscmUI/faces/FuseTaskListManagerTop?_afzLoop=138791922502783&_adf.ctrl-state=fqs8pw3...

Apps Bookmarks Search results for A... My Oracle Support SOT Demo A IT SEO I T

vision

Edit Default Content (KMC NS)

Save Save and Close Cancel

Document Type RFQ Negotiation Display Name KMC RFQ

Cover Page Overview Requirements Lines

General Introduction ?

Helvetica 2

B I U S₂ S₂ S

Dear Suppliers,
hjjgdghfvb

Thanks,
Procurement Team

Insert Variables

Search Variable Start Date

View Detach

Variable	Description
Start Date	

Rows Selected 1

Insert OK Cancel

Insert Variables

Insert the variables like start date, end date, award date etc.

Apps Bookmarks Search results for A... My Oracle Support SOT Demo A IT SEO I T

vision

Edit Default Content (KMC NS)

Save Save and Close Cancel

Document Type RFQ Negotiation Display Name KMC RFQ

Cover Page Overview Requirements Lines

General Introduction ?

Helvetica 2

B I U S₂ S₂ S

Dear Suppliers,
hjjgdghfvb

[@Start Date@]

Thanks,
Procurement Team

Insert Variables

Search Variable Closed Date

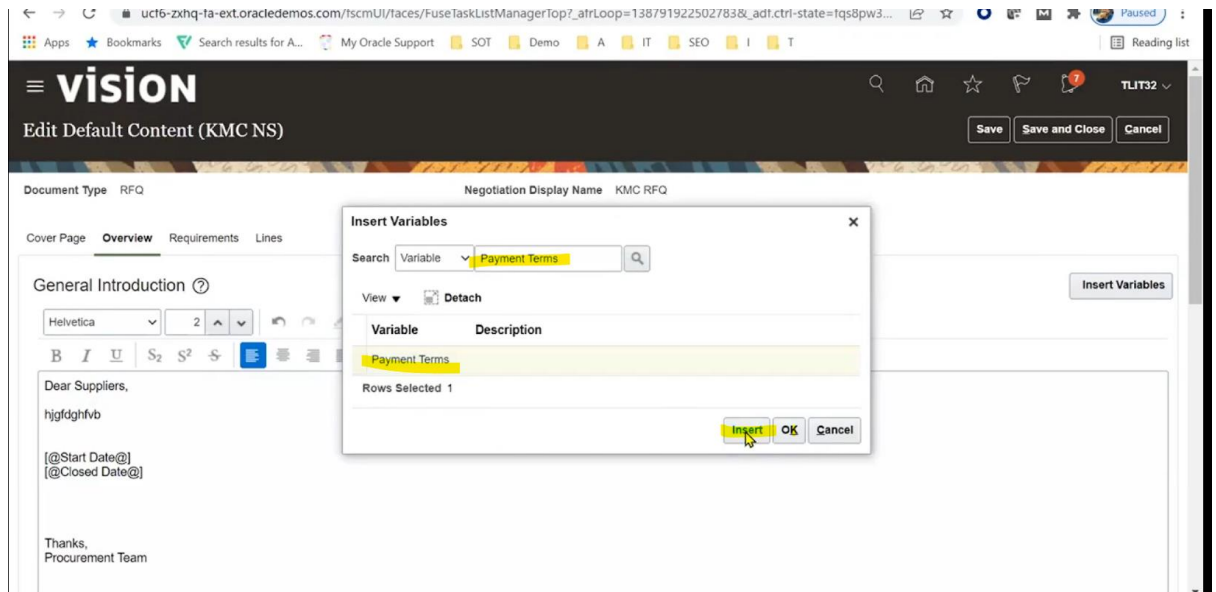
View Detach

Variable	Description
Closed Date	

Rows Selected 1

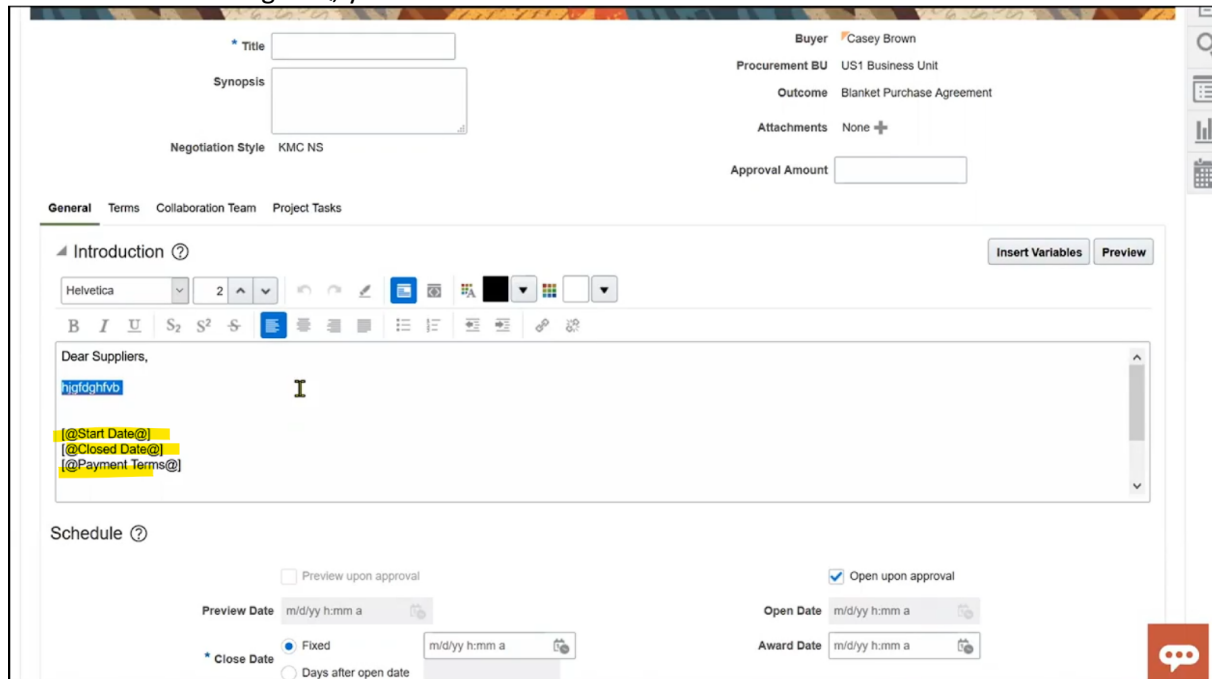
Insert OK Cancel

Insert Variables



I added these 3 variables In negotiation style, buy sing this style we will create the RFQ.

At the time of creating RFQ, you have to fill the variables first



o Video Subtitle Tools View Help

* Title

Synopsis

Negotiation Style KMC NS

Buyer Casey Brown

Procurement BU US1 Business Unit

Outcome Blanket Purchase Agreement

Attachments None

Approval Amount

General Terms Collaboration Team Project Tasks

Introduction ?

Insert Variables Preview

Dear Suppliers,

20-MAR-2022
[Closed Date@]
[Payment Terms@]

Schedule ?

☐ Preview upon approval ☒ Open upon approval

Buyer will enter the open date, closed date and payment term first

6. Sourcing lookup: - (after Suggorate response we will discuss)

fa-euth-dev94-saasfadem01.ds-fa.oraclepdemos.com/fscmUI/faces/FuseTaskListManagerTop?_afriLoop=11591230003854398&_adf.ctrl-state=r4snm4grj_3036

ORACLE

Setup: Procurement

Functional Areas

- Transaction Tax
- Self Service Procurement
- External Purchase Prices
- Receiving
- Receipt Accounting
- Payables
- Payments
- Cash Management
- Supplier Incentives
- Supplier Portal
- Sourcing
- Supplier Qualification
- Procurement Contracts
- Compliance Checklists
- Sustainability

Change Feature Opt In

Search Tasks

Sourcing

View Format Freeze Detach Wrap Show All Tasks

Task	Scope	Actions
Manage Supplier User Roles		
Manage Supplier User Role Usages		
Specify User Category for New Supplier Users		
Specify Supplier News Content		
Manage Supplier Portal Messages		
Configure Supplier Notifications		
Manage Negotiation Styles		
Manage Sourcing Lookups		
Manage Supplier Questions		
Manage Attribute Lists		

Columns Hidden: 3

Take one example

fa-euth-dev94-saasfadem01.ds-fa.oraclepdemos.com/fscmUI/faces/FuseTaskListManagerTop?_afriLoop=11591230003854398&_adf.ctrl-state=r4snm4grj_3036

ORACLE

Manage Sourcing Lookups

Actions View Detach

Name
PON_TWO_PART_TYPE
POQ_STDS_ORG
POQ_METHOD_OF_RESPONSE
PON_HEADER_ATTRIBUTE_GROUPS
PON_LINE_ATTRIBUTE_GROUPS
POQ_SUBJECT

Click on method of response.

Manage Sourcing Lookups

Standard Lookup Type

Lookup Type

Meaning

Description

Module

Lookup Configuration Level

REST Access Secured

PON_METHOD_OF_RESPONSE

Communication Method for

Method of communication used by supplier v

Common Sourcing Entities

Extension

Authenticated

PON_METHOD_OF_RESPONSE: Lookup Codes

Lookup Code

Display Sequence

Enabled

Start Date

End Date

Meaning

Description

Tag

EMAIL

1

✓

5/24/24

E-Mail

Method of response is e-mail.

FAX

2

✓

5/24/24

Fax

Method of response is fax.

PRINT

3

✓

5/24/24

Print

Printed or paper based response.

OTHER

4

✓

5/24/24

Other

Any method of response other than fax, e-mail

The supplier can respond to the buyer through e-mail, we will enter when we create surrogate response.

Manage Sourcing Lookups

Standard Lookup Type

Lookup Type

Meaning

Description

Module

Lookup Configuration Level

REST Access Secured

PON_METHOD_OF_RESPONSE

Communication Method for

Method of communication used by supplier v

Common Sourcing Entities

Extension

Authenticated

PON_METHOD_OF_RESPONSE: Lookup Codes

Lookup Code

Display Sequence

Enabled

Start Date

End Date

Meaning

Description

Tag

Phone

1

✓

5/24/24

m/d/yy

Phone

Through Telephone

EMAIL

1

✓

5/24/24

E-Mail

Method of response is e-mail.

FAX

2

✓

5/24/24

Fax

Method of response is fax.

PRINT

3

✓

5/24/24

Print

Printed or paper based response.

OTHER

4

✓

5/24/24

Other

Any method of response other than fax, e-mail

We added telephone as well.

Manage Sourcing Lookups

Standard Lookup Type

Actions View Format + X Freeze Detach Wrap

Lookup Type	Meaning	Description	Module	Lookup Configuration Level	Release Status
PO_N_LINE_ATTRIBUTE...	Negotiation Line Attribute Groups	User extensible groups for supplier negotiat	Common Sourcing Entities	Extensible	St

PO_N_LINE_ATTRIBUTE_GROUPS: Lookup Codes

Actions View Format + X Freeze Detach Wrap

Lookup Code	Display Sequence	Enabled	Start Date	End Date	Meaning	Description	Tag
DURABILITY		✓	1/1/10		Durability	Specifies a negotiation line attribute group us	
EXTERIOR		✓	1/1/10		Exterior	Specifies a negotiation line attribute group us	
GENERAL		✓	12/20/29		General	Specifies a negotiation line attribute group us	
INTERIOR		✓	1/1/10		Interior	Specifies a negotiation line attribute group us	

PO_LINE_ATTRIBUTE

PO_N_HEADER_ATTRIB...

Negotiation Requirement Sections

User extensible sections for supplier negotiat

Common Sourcing Entities

Extensible

St

PO_N_HEADER_ATTRIBUTE_GROUPS: Lookup Codes

Actions View Format + X Freeze Detach Wrap

Lookup Code	Display Sequence	Enabled	Start Date	End Date	Meaning	Description	Tag
BUSINESS	1	✓	1/1/10		Business	a requirement section name used for busines	
GENERAL	2	✓	1/1/10		General	Specifies a requirement section name used f	
FINANCIAL	3	✓	1/1/10		Financial	Specifies a requirement section name used f	
MANAGEMENT	4	✓	1/1/10		Management	Specifies a requirement section name used f	
TECHNICAL CA...	5	✓	1/1/10		Technical capabilities	Specifies a requirement section name used f	

HEADER ATTRIBUTES

7. Manage sourcing Notifications:

fa-euth-dev94-saasfadem01.ds-fa.oracleprodemos.com/fscml/faces/FuseTaskListManagerTop?_afLoop=10475711394645308&_adf.ctrl-state=27cccwss_549

ORACLE

Setup: Procurement

Actions

Functional Areas

Change Feature Opt In

Search Tasks negoti%

Sourcing

View Format Freeze Detach Wrap Show All Tasks

Task	Scope	Actions
Manage Negotiation Styles		
Manage Sourcing Lookups		
Manage Supplier Questions		
Manage Attribute Lists		
Manage Cost Factors		
Manage Cost Factor Lists		
Manage Sourcing Value Sets		
Manage Sourcing Descriptive Flexfields		
Manage Sourcing Notifications		
Configure Negotiation Award Outbound Service		

Columns Hidden 3

Functional Areas

- Initial Users
- Enterprise Profile
- Legal Structures
- Financial Reporting Structures
- Organization Structures
- Workforce Structures
- Users and Security
- Purchasing Categories
- Suppliers
- Approval Management
- Procurement Foundation
- Items
- Purchasing Foundation
- Procurement Transaction Account Rules

Enable			Notification	Recipient	
Auction	RFQ	RFI		Internal	External
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Collaboration team task completed	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation approved	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation rejected	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation opened	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation terms or participation acknowledged	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation response submitted	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Award approved	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Award rejected	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	New online message	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation terms or invitation view only		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Negotiation extended		<input checked="" type="checkbox"/>

It is enabling the notifications internal (internal people) or external, external(supplier)