

AASHTOWare Project

Project Cost Estimate Creation User Guide

This guide provides the steps to properly create a project and cost estimate directly in AASHTOWare project. Additional information regarding the development of a project and cost estimate using the Project Entry Template or Estimator® can be found on our website. Please follow the steps and instructions below:

Steps

Log into AASHTOWare Project.....	2
Add New Project	3
Add Midpoint Data.....	4
Update Project Summary Information.....	6
Create Project Cost Estimate	8
Modify Project Cost Estimate Summary	13
Add Bid History Profile to Cost Estimate	14
Enter Project Cost Estimate Category Details.....	17
Add Individual Cost Estimate Items	19
Add Multiple Cost Estimate Items	23
Excel .CSV Cost Estimate Item Import Process	25
Item Grouping by Design Unit Owner.....	30
Non-Bid Items – Utilities, State Police and Work by State Forces	33
Common Lump Sum Items.....	35
Add Common Lump Sum Item Reference Price.....	38
Calculate Bid Based Unit Prices for All Items	40
Calculate Bid Based Unit Prices for Individual Items	42
Add Contingency Percentage.....	43
Add Incidental Percentage.....	44
Add Inflation	45

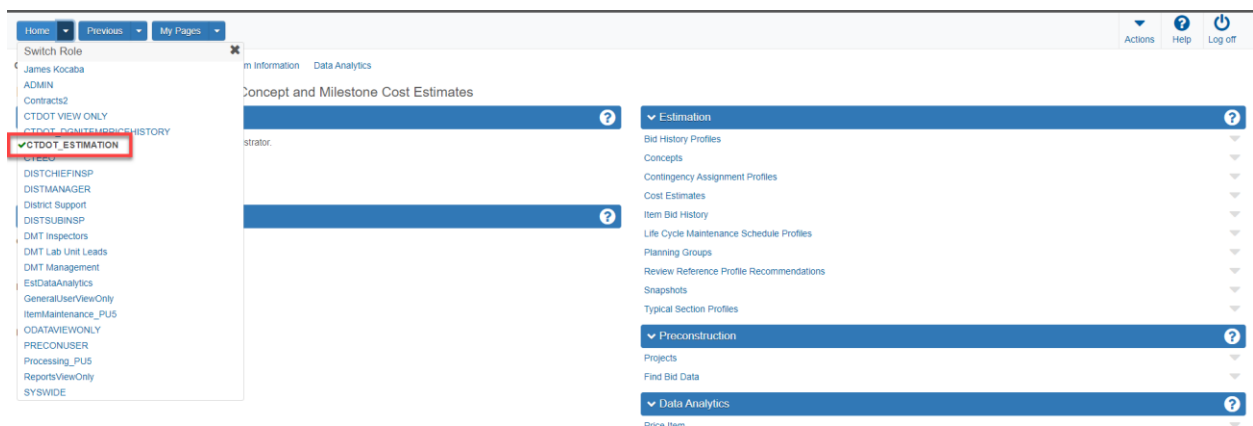
Snapshots and Cost Estimate Phase Transition	51
Merge Multiple Cost Estimates.....	54
Check for Duplicate Items	57
Change Project Workflow from 10 to 20	58
Build Project Items (Completed by Contract Development)	60
Update Project Fund Packages (Completed by Contract Development)	65

Log into AASHTOWare Project

1. Ensure that the proper url is selected: <https://ctdot-pr-prod.infotechinc.com/Account/LogOn>
2. Enter User name and password

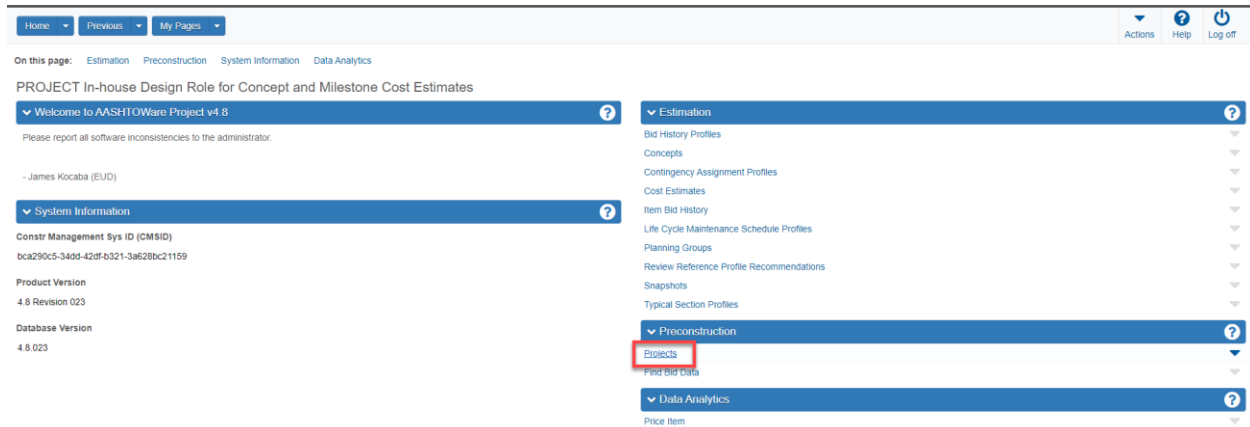


3. Select the role CT_DOT Estimation



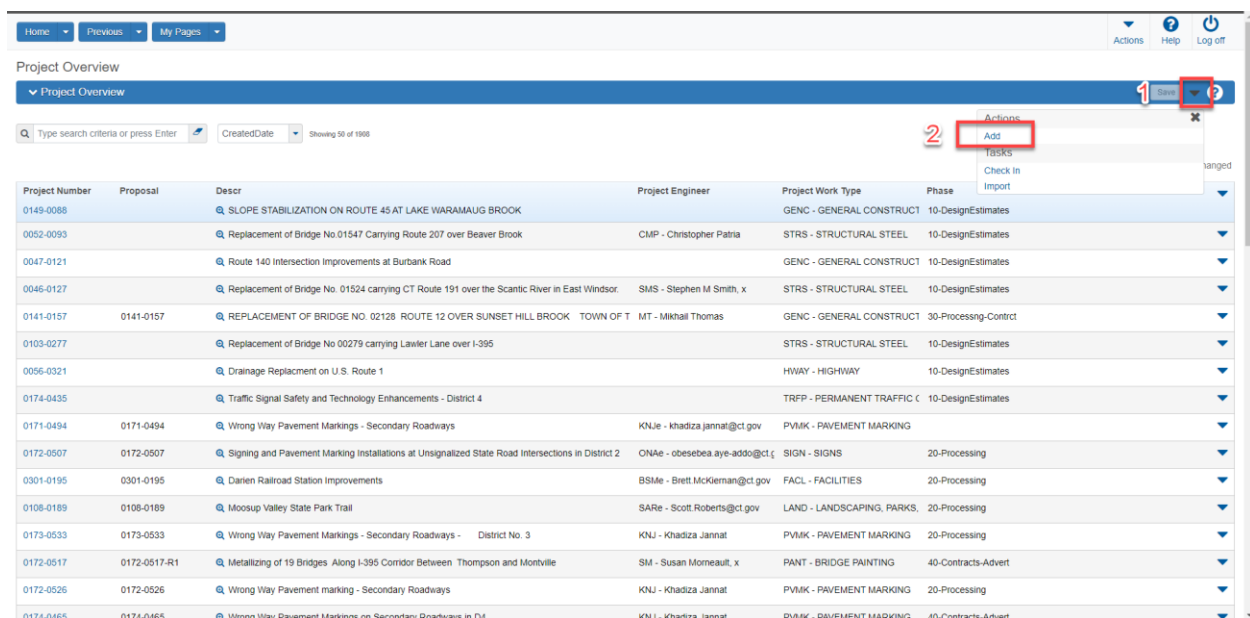
Add New Project

1. Select the Projects under the heading Preconstruction



2. Select the action arrow drop down arrow to the right of the Save button. (1)

3. Select "Add" from the Actions arrow drop down menu



4. Select General from the Add Project Screen (1)

5. Add data to all fields. Ensure that Spec Book 11 and English units are selected (2)

6. If a field is unknown it can be entered at a later date.

Overview

Add Project

General

Project Number

Project Description

Spec Book (Item List 11 = Engl. 10 = Metric)

Unit System

Project Work Type

Project Engineer

7. Select Counties (1)
8. Enter proper county, percent of work in county and select primary (2)
9. If another county is required select "New" and repeat the process. Ensure the proper county is selected a primary

Overview

Add Project

Counties

County

Pct of Work in County

Primary

10. Select District (1)
11. Enter proper District ID, description, and select primary (2)
12. If another District is required select "New" and repeat the process. Ensure the proper county is selected a primary

Overview

Add Project

Districts

District ID

District Description

Primary

Add Midpoint Data

At least one project midpoint must be added to the system. A midpoint can be described as the center of the project polygon or asset feature. Headquarters or District office midpoints can be used for statewide or district wide projects. If more than one feature or asset (Bridge or Intersection) is

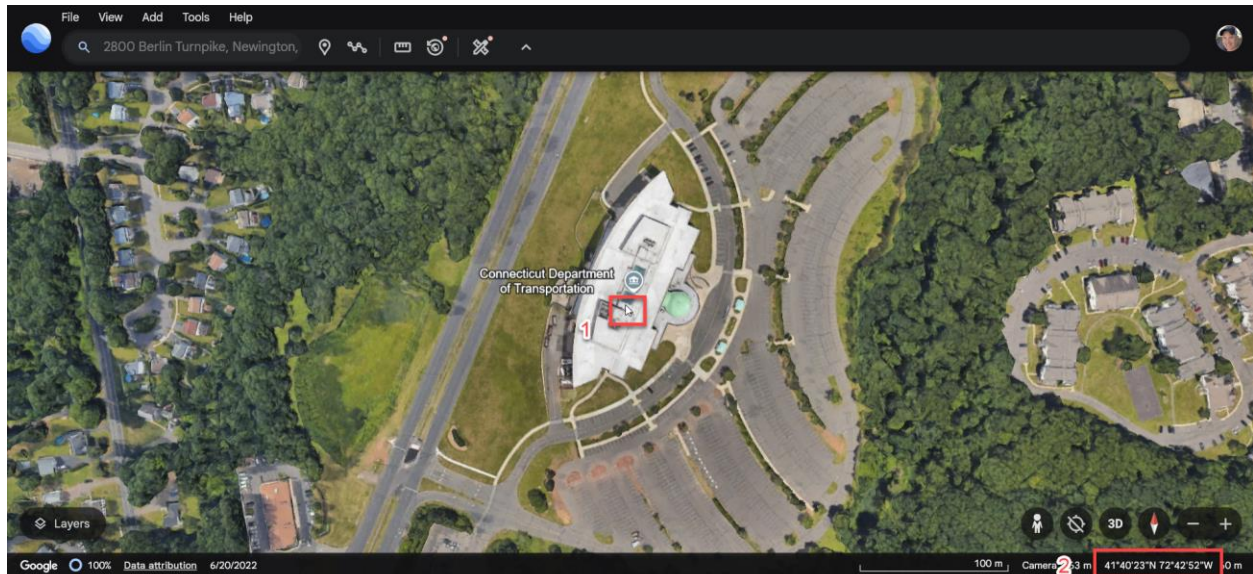
associated to the project, Designers must enter midpoints for each asset. Select “New” to enter an additional midpoint.

1. Select Points (1)
2. Enter “MidPoint” feature field (2).
3. Enter feature description (BR01234, TS123-4560, etc.) into the Description field (3)
4. Enter feature latitude in Deg Min and Sec (XX:XX:XX.XX) (4)
5. Enter feature longitude in Deg Min and Sec (-XX:XX:XX.XX) (5)
6. Select “Save” (6)
7. Select Overview (7)

Asset feature latitudes and longitudes can be located with the use of Google Earth Web. Navigate to the home screen and select Google Earth Web (1) in the external links header.

1. Navigate to the project or feature midpoint on Google Earth Web
2. Hover pointer over selected midpoint or feature (1)

- Take note of latitude and longitude in the lower right corner of the screen. (2)
- Enter this data on the AWP project points screen. Please note that longitudes in Connecticut will always be a negative value.



Update Project Summary Information

- Select proper Project

Home Previous My Pages					
Project Overview					
Project Overview					
Type search criteria or press Enter CreatedDate Showing 50 of 1992					
0 changed					
TEST9998	TEST9998				
Project Number	Proposal	Descr	Project Engineer	Project Work Type	Phase
TEST999	TEST999				
TEST20230318	Test				
0045-0127	Replacement of Bridge 01524				
Test002	Traffic Project Template				
0999-0999	Dec 14 2022 TEST				
TEST001	Traffic Project Template				

- Select "General" (1)
- Enter project information. The red boxes indicate the required data to be provided on this screen. It is important to note that when a consultant designer is assigned to a project the project manager must assign the proper firm by selecting the consultant in the vendor access field (2). This is a security measure that allows only the assigned vendor to view the project, but continues to allow internal CTDOT design access. If multiple projects are integrated into one contract, please select which project is the controlling project (3).

Home Previous My Pages Current Role: ADMIN Actions Help Log off

Overview Categories and Items Cost Estimate Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

Project: 0999-0999 - TEST Project for User Demos - DO NOT DELETE Save ?

Proposal:

General 1

Counties

Districts

Points

Bridge Segments

Workflow

Project Number
0999-0999

Project Description and Location including Details
TEST Project for User Demos - DO NOT DELETE

Spec Book (Item List 11 = Engl, 10 = Metric)
11

Unit System
English

Federal Project Number

Project Work Type

Project Item Total

State Project Number

Project Engineer

Designed By

Id
2630

Created By
James Kocaba@ct.gov

Created Date
09/30/2025 7:40:13 AM

Incidentals and Contingencies

Highway Type

Urban/Rural

Historical Inc and Cont-LEAVE BLANK

Primary Project County
FRFD - Fairfield

Primary Project District ID
3 - District 3 - New Haven

Town 1

Town 2

Town 3

Town 4

Town 5

Town 6

Vendor Access
06-1510087
GM2 Associates Inc.

Controlling Project

2

3

<https://ctdot.gr-prod.asuinfotech.com/968/Component/ComponentId=ProjectDataSummaryComponent&componentRouteId=us-uf5320330&decorated=False>

4. Counties, Districts and Points have already been entered previously. However, it is good practice to ensure that each tab contains accurate project data
5. Road Segments entries are not required yet
6. Select Bridge Segments (1) This data must be entered for each structure reconstructed or rehabilitated
7. Select New (2)
8. Enter Bridge No. (3)
9. Enter Bridge Description (4)
10. Enter Structure Type (5)
11. Enter Deck Area in SF (6)
12. Click Save (7)
13. If an additional Bridge Segment is necessary, select new to enter another segment.

Home Previous My Pages

Overview Categories and Items Cost Estimate Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

▼ Project: 0008-8888-TST - Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024

Proposal:

General Counties Districts Points Road Segments **Bridge Segments** Workflow

2 New

3 Bridge Number ▼

4 Description ▼

5 Structure Type ▼

6 Deck Area (sf) ▼

7 Save

1 added 0 marked for deletion 0 changed

Id

▼ New BridgeSegmentDeckArea

Category ID ▼

Comment ▼

14. Select Workflow (1)
15. Select Standard ConnDOT Workflow (2)
16. Select 10-Cost Estimate Phase (3)
17. Click "Save" (4)

Home Previous My Pages

Overview Categories and Items Cost Estimate Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

▼ Project: TEST9998 - TEST9998

Proposal:

General Counties Districts Points Road Segments Bridge Segments **Workflow**

2 Workflow

3 WorkflowPhase

4 Save

10-Cost Estimate Phases

20-Processing for Final Estimate and Proposal

30-Processing and Contracts Overlap before Advertisement

40-Contracts-Advertisement Phase

50-Contracts - Addenda Phase

60-Contracts - Letting Day Processing

80-Contracts Post Bid Letting Activities

90-Contracts Award and Rejection Determination

100-Preconstruction Activities completed

445-Contract not to Letting (NLT)

Create Project Cost Estimate

Users can either create a new blank cost estimate or copy an existing cost estimate template based on the design group. Templates contain multiple standard items related to the project type allowing designers a new cost estimate "jump start". Unique items can be added to the cost estimate and other unused items can be removed. Both methods are explained below. A project can contain two or more cost estimates if designers are comparing the costs between major materials or alternatives. For example, two cost estimates can be created for a bridge project to analyze the costs between steel and

concrete. Additional cost estimates can also be generated to calculate costs for multiple project locations. If multiple cost estimates are generated only one can be activated for letting purposes. Multiple location cost estimates must be merged to create a final active cost estimate containing all location pay items. Users must also select “Combine Like Cost Estimate Items” for the cost estimate to roll up pay item quantities. See Sections “Merge and Combine Like Cost Estimate Items” for more information. Design teams can add items to the cost estimate and assign the appropriate group for filtering functionality. See section “Item Grouping by Design Unit Owner” for more information. If a new template is required or additional items are needed on an existing cost estimate template, please contact dot.aashtoware_admins@ct.gov

Blank Cost Estimate

1. Select “Cost Estimate”

The screenshot shows the 'Project Summary' form for 'Project: TEST20221005 - Asset Info'. The 'Cost Estimate' tab is highlighted in the top navigation bar. The form is divided into several sections:

- General:** Project Number (TEST20221005), Project Description (Asset Info), Spec Book (Item List 11 = Engl, 10 = Metric), Unit System (English), Federal Project Number, Project Work Type (STRC - STRUCTURAL CONCRETE), Project Item Total, State Project Number, Project Engineer, and Designed By.
- Incidentals and Contingencies:** Historical Inc and Cont-LEAVE BLANK.
- Primary Project County:** LTFD - Litchfield.
- Primary Project District ID:** 5 - Statewide (Brewery Street, New Haven).
- Towns:** A list of Towns (Town 1 through Town 6) with dropdown menus.

2. Enter all necessary cost estimate information

- Construction Year (1)
- Estimated Date (2)
- Letting Date (3)
- Highway Type (4)
- Season (5)
- Terrain (6)

3. Click “Save” (7)

Home Previous My Pages

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: 0046-0127 - Bridge No. 01524

Proposal:

General

Cost Estimates

Project Number
0046-0127

Project Description
Bridge No. 01524

Spec Book (Item List 11 = Engl, 10 = Metric)
11

Unit System
English

Primary Project County
HTFD - Hartford

Primary Project District ID
2 - Norwich

Urban/Rural
Urban/Rural

Project Work Type

Construction Year

Estimated Date

Letting Date

Highway Type

Season

Terrain

Save

4. Select "Cost Estimates" (1)
5. Select the drop down arrow to the right of "Add" (2)

Home Previous My Pages

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: 0008-8888-TST - Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024

Proposal:

General

Cost Estimates

Type search criteria or press Enter

Advanced

Show All

Add

0 marked for deletion 0 changed

No rows found matching criteria.

6. Enter new estimate name. Estimate name should match the project name. (1)
7. Enter Cost Estimate Description (2)
8. Enter Cost Estimate Phase (3)
9. Enter Cost Estimate Type (4)
10. Select Estimated By (5)
11. If required, enter the non-agency consultant firm vendor ID. This is a security measure that allows only the assigned vendor to view the cost estimate, but continues to allow internal CTDOT design access (6)
12. Select Save (7)

Home Previous My Pages Current Role: ADMIN Actions Help Log off

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Designers - Do Not Delete **7** Save ?

Project: 0999-0999

General

Cost Summary

Cost Estimate Items

Incidentals and Contingencies

Categories

Markups

Parent Attributes

Associated Type

Project

Entity

Entity Description

Improvement Type

Spec Book

11

Unit System

English

Work Type

TEST Project for User Demos - DO NOT DELETE

Estimate Information

1 Cost Estimate Name *

0999-0999-01

2 Cost Estimate Description *

TEST Cost Estimate for Designers - Do Not Delete

3 Estimate Phase

4 Estimated By

5 Estimate Type

6 Vendor Access

Design Build

☐

Profile

No

Begin typing to search or press Enter

Cost Estimate Total

66,574.50

Previous Snapshot Total

Additional Information

Bid Based

Cost Based

Bid History Profile

3YRENG

Typical Section Bid History Profile

3YRENG

3 Year English Bid History Profile

Labor Rate Class

Equipment Rate Class

Material Rate Class

Davis/Bacon Indicator

☐

Copy Cost Estimate Template

1. Follow Create Blank Cost Estimate Steps 1 – 3 above
2. Click on drop down arrow to the right of the add button (1)
3. Click on “Select Cost Estimates” (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Snapshots

Concept Summary

Concept: _CostEstimateTmp8 - Test Proof of Concept - Please do not Delete... JTK Sept 12, 2024 Save ?

General

Locations

Cost Estimates

1 Add

2 Select Cost Estimates...

_Bridge

_Bridge View

_Culvert/Replacement

_Highways

_TrafficSignalSafety

Cost Estimate Name

PP08-8888-TEST

Estimate Type

0 marked for deletion 0 changed

- Overview

Concepts

General

Locations

Cost Estimate

Select Cost Estimate

New Cost Estimate Name *

0088-0088-TEST

Show Profiles Only

Advanced

Showing 20 of 20

Type search criteria or press Enter

0 selected

Select	Cost Estimate Name	Concept ID	Project Number	Proposal	Associated Type	Estimate Type	Profile
	_BridgeDeckReplace	_CostEstimateTmpl			Concept		No
	_BridgeReplacement	_CostEstimateTmpl			Concept		No
	_CulvertReplacement	_CostEstimateTmpl			Concept		No
	_Highways	_CostEstimateTmpl			Concept		No
	_TrafficSignalSafety	_CostEstimateTmpl			Concept		No
	0046-0127-EE			0046-0127	Proposal		No
	0046-0127-FDP		0046-0127		Project		No
	0047-0121		0047-0121		Project	FINL - Final	No
	0052-0093		0052-0093		Project		No
	0055-0147		0055-0147		Project	PROG - Progress	No
	0056-0321		0056-0321		Project	PROG - Progress	No
	0057-0123		0057-0123		Project	PROG - Progress	No

Add to Concept

7. Click on newly created cost estimate

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Snapshots

Concept Summary

▼ Concept: _CostEstimateTmpl - Test Proof of Concept - Please do not Delete - JTK Sept 12, 2024 Save ?

General Locations Cost Estimates

Q Type search criteria or press Enter Advanced Showing 1 of 1

Add

0 marked for deletion 0 changed

_BridgeDeckReplace	
_BridgeReplacement	
_CulvertReplacement	
_Highways	
TrafficSignalSafety	
Cost Estimate Name	Estimate Type
0808-0808-TEST	
PP08-8888-TEST	

Modify Project Cost Estimate Summary

1. Select newly created Cost Estimate

Home Previous My Pages Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

▼ Project: TEST9998 - TEST9998 Save ?

Proposal:

General Cost Estimates

Q Type search criteria or press Enter Advanced Showing 1 of 1 Show All

Add

0 marked for deletion 0 changed

Cost Estimate Name	Estimate Type	Cost Estimate Total	Active	Price Control
TEST9998		0.00	Yes	<input checked="" type="checkbox"/>

2. Revise cost estimate description (1)
3. Modify cost estimate phase (2)
4. Choose estimated by (3)
5. Select estimate type (4)
6. If required, enter the non-agency consultant firm vendor ID. This is a security measure that allows only the assigned vendor to view the cost estimate, but continues to allow internal CTDOT design access (5)
7. Select save (6)

Home Previous My Pages Current Role: ADMIN Actions Help Log off

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Designers - Do Not Delete 6 Save ?

Project: 0999-0999

General

Cost Summary

Cost Estimate Items

Incidentals and Contingencies

Categories

Markups

Parent Attributes

Associated Type

Project

Entity

Entity Description

Improvement Type

Spec Book

11

Unit System

English

Work Type

TEST Project for User Demos - DO NOT DELETE

Estimate Information

Cost Estimate Name

0999-0999-01

Cost Estimate Description

TEST Cost Estimate for Designers - Do Not Delete

Estimate Phase

Estimated By

Design Build

Profile

No

Estimate Type

Vendor Access

Active

Yes

Cost Estimate Total

66,574.50

Previous Snapshot Total

Additional Information

Bid Based

Bid History Profile

3YRENG

Typical Section Bid History Profile

3YRENG

3 Year English Bid History Profile

Cost Based

Labor Rate Class

Equipment Rate Class

Material Rate Class

Davis/Bacon Indicator

Add Bid History Profile to Cost Estimate

If the 3YRENG bid history profile has not been automatically assigned to the cost estimate, please follow the steps below. Look for the automatically assigned default bid history profile here:

1. Select General tab (1)
2. Scroll down to additional information and determine if the default bid history profile 3YRENG has been automatically assigned (2)
3. If the bid history profile space is blank, please go to step five

Home | Previous | My Pages

Overview | Contingency Assignment | Funding: Assign to Items | Fund Package Overview | Life Cycle Costs | Typical Sections | Item Pricing Worksheet

Cost Estimate Summary

New Cost Estimate: TEST9998 - Asset Category Template

General (1)

Cost Estimate Name: TEST9998

Cost Estimate Descr: Asset Category Template

Estimate Phase: [Dropdown]

Estimated By: [Search: Begin typing to search or press Enter]

Cost Estimate Total: 0.00

Previous Snapshot Total

Parent Attributes

Associated Type: Project

Entity: TEST9998

Entity Description: TEST9998

Spec Book: 11

Unit System: English

Improvement Type

Work Type

Design Build: [Checkbox]

Profile: No

Budget Class: [Dropdown]

Lanemies: [Text]

Estimate Type: [Dropdown]

Vendor Access: [Search: Begin typing to search or press Enter]

Snapshot Tracking Percentage: [Text]

Active: Yes

Additional Information

Bid Based (2)

Bid History Profile: SYRENG

Typical Section Bid History Profile: [Search: SYRENG, 3 Year English Bid History Profile]

Cost Based

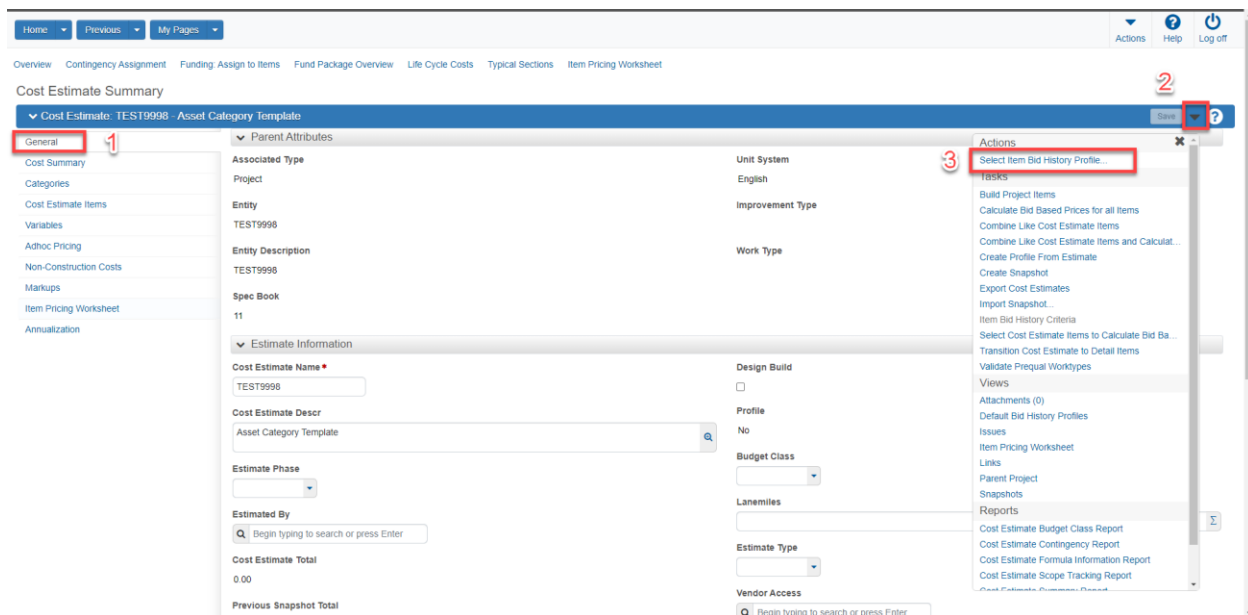
Labor Rate Class: [Dropdown]

Equipment Rate Class: [Dropdown]

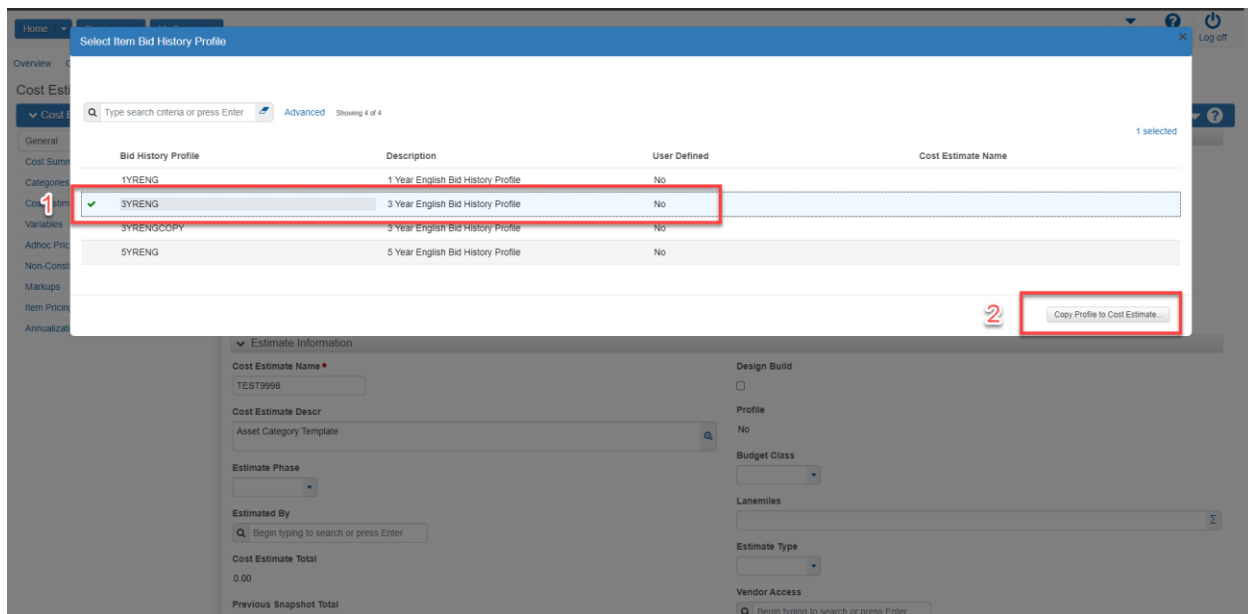
Material Rate Class: [Dropdown]

Davis/Bacon Indicator: [Checkbox]

4. Select cost estimate general tab (1)
5. Select action arrow to the right of Save (2)
6. Select "Select Item Bid History Profile" (3)



7. Select 3YRENG Bid History Profile (1)
8. Select "Copy Profile to Cost Estimate" (2)



9. Proper bid history profile has been added to the cost estimate

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: TEST9998 - Asset Category Template Save ?

General
Cost Summary
Categories
Cost Estimate Items
Variables
Adhoc Pricing
Non-Construction Costs
Markups
Item Pricing Worksheet
Annualization

Parent Attributes

Associated Type
Project
Entity
TEST9998
Entity Description
TEST9998
Spec Book
11

Unit System
English
Improvement Type

Work Type

Estimate Information

Cost Estimate Name
TEST9998
Cost Estimate Descr
Asset Category Template
Estimate Phase

Estimated By
Begin typing to search or press Enter
Cost Estimate Total
0.00
Previous Snapshot Total

Design Build
☐
Profile
No
Budget Class

Lanemiles

Estimate Type

Vendor Access
Begin typing to search or press Enter
Snapshot Tracking Percentage

Active
Yes

Additional Information

Bid Based

Bid History Profile
3YRENG
Typical Section Bid History Profile
3YRENG
3 Year English Bid History Profile

Cost Based

Labor Rate Class

Equipment Rate Class

Material Rate Class

Davis/Bacon Indicator
☐

Enter Project Cost Estimate Category Details

This step is very important and ensures that all items and associated costs are tracked according to their funding categories. **Each individual item must be assigned an asset category.** Designers must create new categories based upon project funding requirements.

1. Select Cost Estimates. (1)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Snapshots

Concept Summary

Concept: PP08-8888-TEST - Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024 Save ?

General
Locations
Cost Estimates

Type search criteria or press Enter Advanced Showing 1 of 1
Add
Cost Estimate Name
PP08-8888-TEST
Estimate Type

0 marked for deletion 0 changed

2. Navigate to Categories

The screenshot shows the 'Cost Estimate Summary' page for 'Concept: PP08-8888-TEST'. The left sidebar has 'Categories' highlighted. The main content area is divided into two sections: 'Parent Attributes' and 'Estimate Information'. The 'Parent Attributes' section includes fields for 'Associated Type' (Concept), 'Entity' (PP08-8888-TEST), 'Entity Description' (Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024), 'Spec Book' (11), 'Unit System' (English), 'Improvement Type', and 'Work Type'. The 'Estimate Information' section includes fields for 'Cost Estimate Name' (PP08-8888-TEST), 'Cost Estimate Descr' (Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024), 'Design Build' (checkbox), 'Profile' (No), 'Lanemiles', and 'Estimate Phase' (01 - Programming).

3. Select New

The screenshot shows the 'Cost Estimate Summary' page for 'Concept: PP08-8888-TEST'. The left sidebar has 'Categories' highlighted. The main content area shows a search bar with the text 'Type search criteria or press Enter' and a 'CategoryIDSort' dropdown. Below the search bar is a 'New' button, which is highlighted with a red box. The text 'No rows found matching criteria.' is displayed below the search bar. On the right side, there is a status bar showing '0 added | 0 marked for deletion | 0 changed'.

4. Add category (1) and description (2) based upon proposed concept funding. Additional funding categories can be added by selecting the “new” button. See examples below:
 - a. 0001: 80 Fed – 20 State
 - b. 0002: 100 State
 - c. 0003: 50 State - 50 Muni
 - d. 8888 – Non-contract
5. Select Save (3)

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 3 Save ?

Concept: PP08-8888-TEST

General Categories Cost Summary Cost Estimate Items Non-Construction Costs Markups

Q Type search criteria or press Enter CategoryIDSort

New 1 added 0 marked for deletion 0 changed

Category	Category Descr	Category Total
0001	80 Fed - 20 State	

Category 1

Category Descr 2

0001

80 Fed - 20 State

Federal Asset Work Type

CTDOT Asset Work Code

Category Alternate Set

Grouping Code

Category Alternate Member

Low Cost Flag

Add Individual Cost Estimate Items

After the cost estimate has been generated and proper asset categories added the user can begin to add cost estimate items.

1. Select and navigate to Item Pricing Worksheet

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0103-0277TEST - Big Bridge over small river Save ?

General Parent Attributes

Associated Type

Project

Entity

0103-0277TEST

Entity Description

Big Bridge over small river

Spec Book

11

Estimate Information

Cost Estimate Name

0103-0277TEST

Cost Estimate Descr

Big Bridge over small river

Estimate Phase

Estimated By

Q Begin typing to search or press Enter

Cost Estimate Total

0.00

Previous Snapshot Total

Unit System

English

Improvement Type

Work Type

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

Q Begin typing to search or press Enter

2. Select "New"

Home Previous My Pages

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default Showing 1 of 1

Total Cost Estimate Items
0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
	10	3100012	C.L. POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DISTRIBUTION	LS	1.000				Yes

New Select Items...

Showing 1 of 1

3. Select Category/Funding Source

Home Previous My Pages

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter ItemNumLH

Total Cost Estimate Items
0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pr...
0001		80FED20STATE							
0002		100STATE							
8888		NON-CONTRACT ITEMS							

Showing 3 of 3

4. Enter proper Item number or search for item description

Home Previous My Pages

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default Showing 1 of 1

Total Cost Estimate Items
0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
8888	10	3100012	C.L. POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DISTRIBUTION	LS	1.000				Yes
		8201001	CLEARING AND GRUBBING	LS					Yes

New Select Items...

Showing 1 of 1

5. Enter quantity

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save Complete

Item Pricing Worksheet Save

Type search criteria or press Enter System Default Showing 2 of 2

Total Cost Estimate Items
0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
8888	10	3100012	C.L. POWER CO. dba EVERSOURCE ENERGY: ELECTRICAL DISTRIBUTION	LS	1.000				Yes
	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes

New Select Items...

Showing 2 of 2

- Double click on "Supp Descr" if required
- Enter "*** See Special Provisions ***" (1)
- Select Apply (2)
- Please note that the text must match (two asterisks, space, See Special Provisions, space, two asterisks) exactly. Any other data in this field will generate an error. (3)
- Select Save

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save

Type search criteria or press Enter System Default

Total Cost Estimate Items

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
		0201001	CLEARING AND GRUBBING	LS	1.000				Yes

New Select Items...

Showing 0 of 0

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save

Type search criteria or press Enter System Default

Total Cost Estimate Items

Supp Descr

1

*** See Special Provisions ***

2

Apply

Showing 0 of 0

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Save Complete

Cost Estimate: 0001-1111-01 - NONAGE TEST

Save

Project: 0001-1111

Type search criteria or press Enter System Default Showing 7 of 7

Total Cost Estimate Items

1,314,287.09

0001 - BPFED20STE	1	0920035	ASPHALTIC FLUID EXPANSION JOINT SYSTEM	LS	2,500.000	487.31000	1,188,275.00	Regression	See Special Provisions	Active
0001 - BPFED20STE	2	0707001	MEMBRANE WATERPROOFING (ROVEN GLASS FABRIC)	LS	102.000	138.18000	14,187.36	Regression	See Special Provisions	Active
0001 - BPFED20STE	3	0406172	HMA S0.375	ton	90.000	324.35000	29,191.50	Regression	See Special Provisions	Active
0001 - BPFED20STE	4	0406312	GUTTER LINE SEALING FOR BRIDGES	LS	1,000.000	14.56000	14,560.00	Regression	See Special Provisions	Active
0001 - BPFED20STE	5	0406235	MATERIAL FOR TACK COAT	gal	16.500	35.53000	586.24	Regression	See Special Provisions	Active
0001 - BPFED20STE	6	0406005	REMOVAL OF EXISTING WEARING SURFACE	LS	333.500	71.82000	23,851.97	Regression	See Special Provisions	Active
0001 - BPFED20STE	7	0920041	PREFORMED JOINT SEAL	LS	550.000	127.01000	63,905.00	Regression	See Special Provisions	Active

Showing 7 of 7

Cost Estimate: 0001-1111-01 - NONAGE TEST

Logical

Cost Summary

Cost Estimate Items

Incidentals and Contingencies

Categories

Markups

Total Cost Estimate Items

1,314,287.09

Type search criteria or press Enter ItemNoSortLH Showing 7 of 7

New

Collapse All 0 added 0 marked for deletion 1 changed

1 error. Hide details:

- Supplemental Description: Text value must match ** See Special Provisions **

Line	Item	Type
3	0406172 HMA S0.375	Detail
Quantity	Unit	Price
90.000	ton	324.35000
Ext Amt	Active	29,191.50
Yes		

Item

Q 0406172

HMA S0.375

Supplemental Description

** See Special Provisions **

Regular expression not found

Price Source

Regression

Active

Price Summary

Quantity

Price

Ext Amt

90.000

324.35000

29,191.50

Contribute to Total Construction Cost

Preliminary Engineering

Exclude from Reference Price Calculation

Design Unit Owner

Nonbid

Prequalification Work Type

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

There are unsaved changes.

Item Pricing Worksheet

Save

Type search criteria or press Enter System Default Showing 2 of 2

Total Cost Estimate Items

8888	19	3100012	C.L + POWER CO. dba EVERSOURCE ENERGY: ELECTRICAL DISTRIBUTION	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes	

Showing 2 of 2

Add Multiple Cost Estimate Items

1. Scroll to the bottom of the estimate and Click “Select Items”

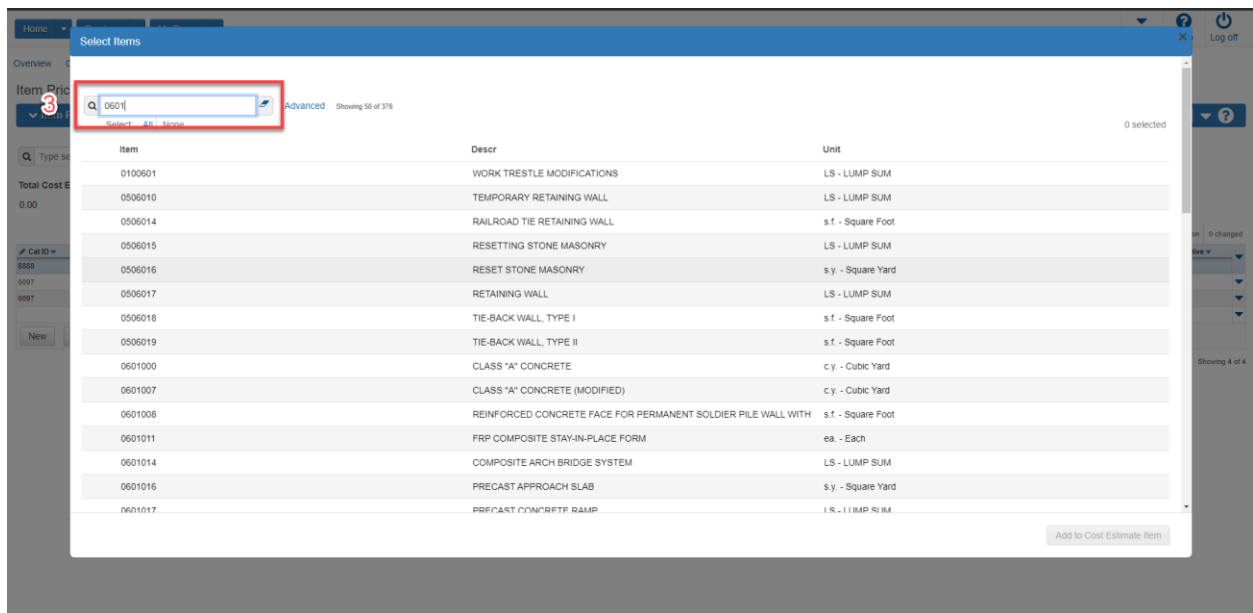
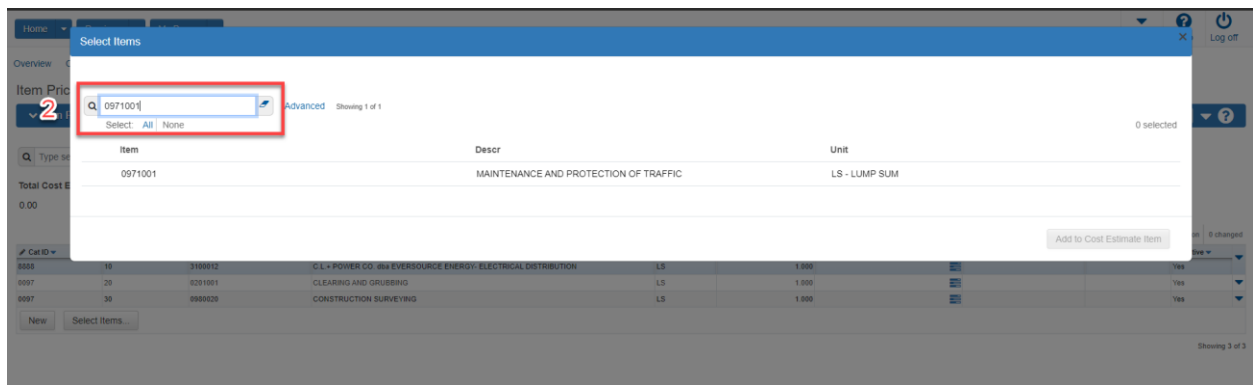
The screenshot shows the 'Item Pricing Worksheet' interface. At the bottom left, there is a 'New' button and a 'Select Items...' button, which is highlighted with a red rectangle. The main table displays three items with columns for Cat ID, Line, Item, Descr, Unit, Quantity, Unit Price, Est Amt, Supp Descr, and Active. The total cost estimate items is 0.00.

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Est Amt	Supp Descr	Active
8888	10	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY: ELECTRICAL DISTRIBUTION	LS	1.000				Yes
0097	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes
0097	30	0900020	CONSTRUCTION SURVEYING	LS	1.000				Yes

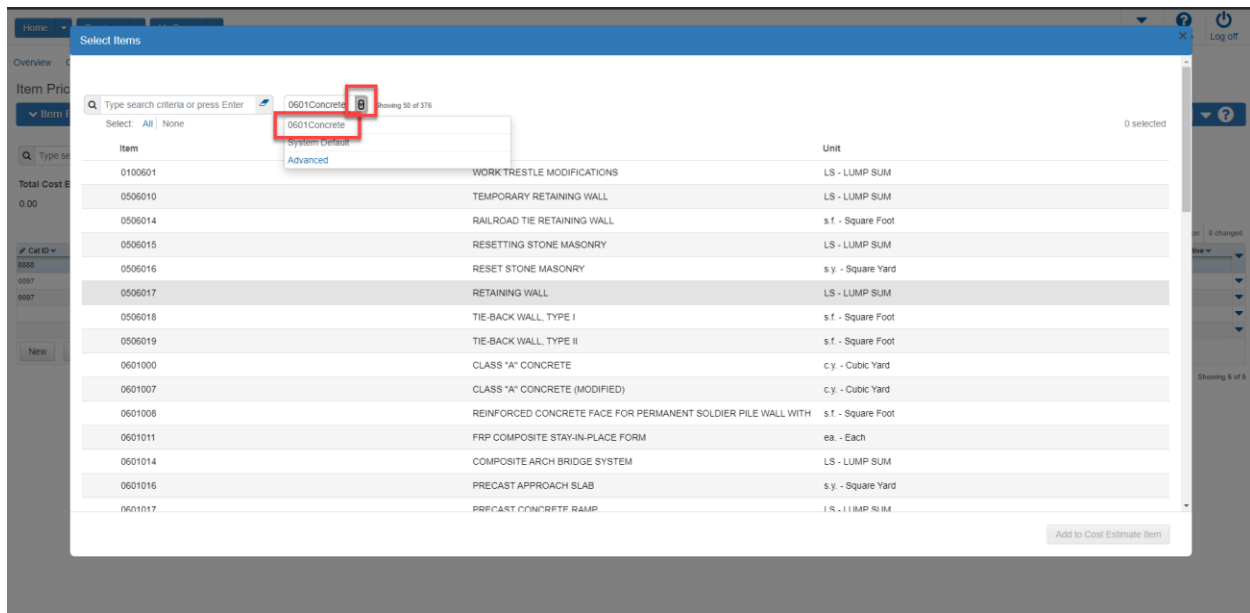
2. Search for item description (1) , item number (2) or portion of an item number (3)

The screenshot shows the 'Select Items' dialog box. A search bar at the top left contains the text 'concrete', which is highlighted with a red rectangle and a red number '1'. The dialog box displays a list of items with columns for Item, Descr, and Unit. The total cost estimate items is 0.00.

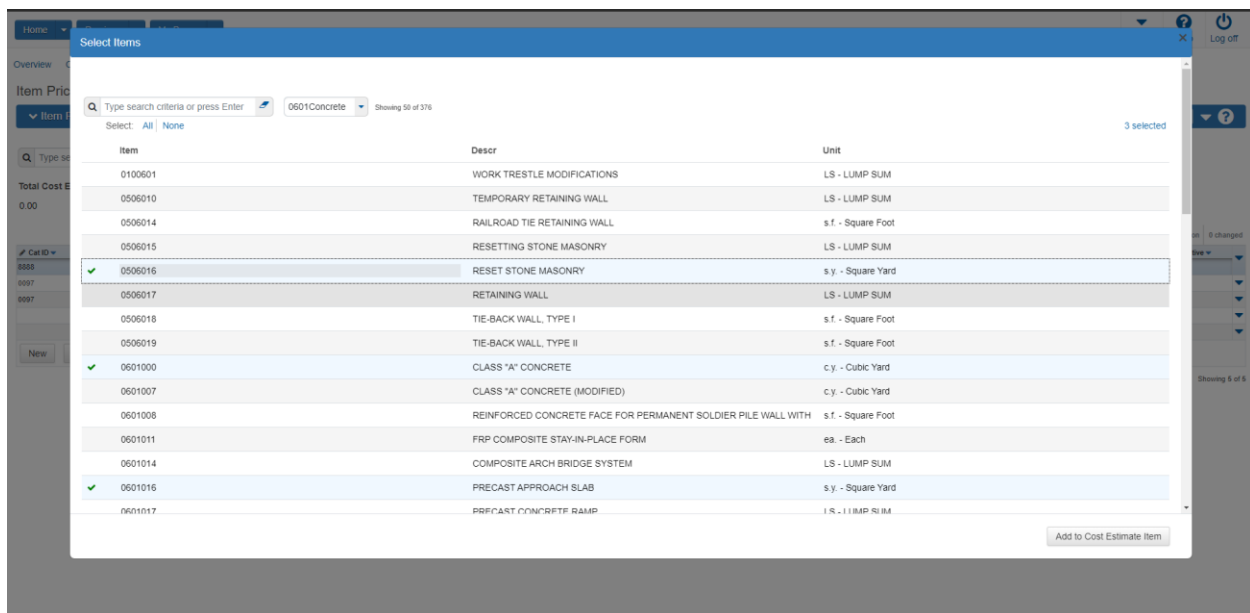
Item	Descr	Unit
0000377	ELECTRICAL DUCT BANK, 8-4" CONCRETE ENCASED PVC IN TURF	l.f. - Linear Foot
0000383	ELECTRICAL DUCT BANK, 8-4" CONCRETE ENCASED PVC IN PAVEMENT	l.f. - Linear Foot
0007509	PRECAST CONCRETE MANHOLE (TYPE VI)	ea - Each
0020761	HANDLING & DISPOSAL OF CONTAMINATED CONCRETE	ton - Ton
0020771	HANDLING & DISPOSAL OF TSCA-HAZARDOUS CONCRETE	ton - Ton
0090002	ENCASE STEEL BASE IN CONCRETE	ea - Each
0090003	REPLACE CONCRETE TOPPING	ea - Each
0090015	PAINT CONCRETE FOUNDATION	ea - Each
0090054	REPAIR FOUNDATION WITH REINFORCED CONCRETE	ea - Each
0090115	PRECAST CONCRETE SAND TRAP	LS - LUMP SUM
0090116	PRECAST CONCRETE VALVE PIT	LS - LUMP SUM
0090117	PRECAST CONCRETE SAND TRAP	ea - Each
0100084	PRECAST CONCRETE TROUGH	l.f. - Linear Foot
0100085	PRECAST CONCRETE FUEL LINE PIT	ea - Each
0100138	CARP. F. TROUGH HIGH DENSITY POLYMER CONCRETE	l.f. - Linear Foot



3. Users can also search for groups of items using filter functions



4. Select multiple items as needed

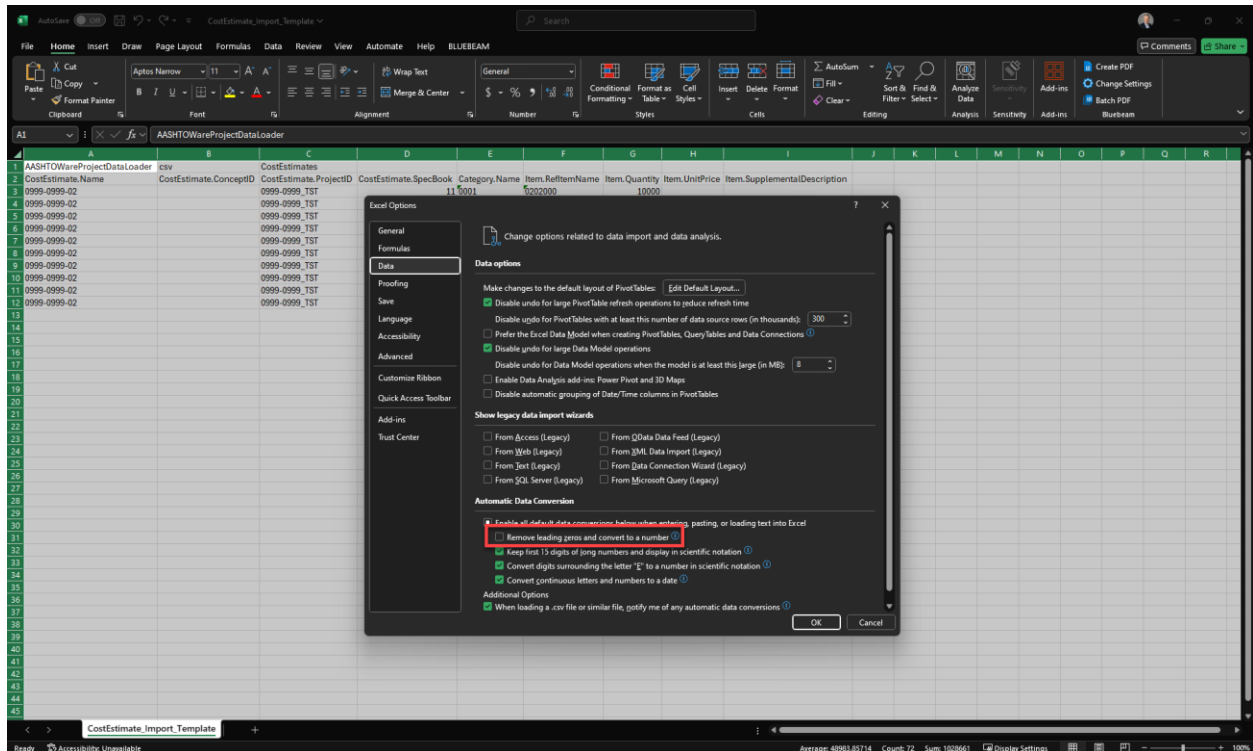


Excel .CSV Cost Estimate Item Import Process

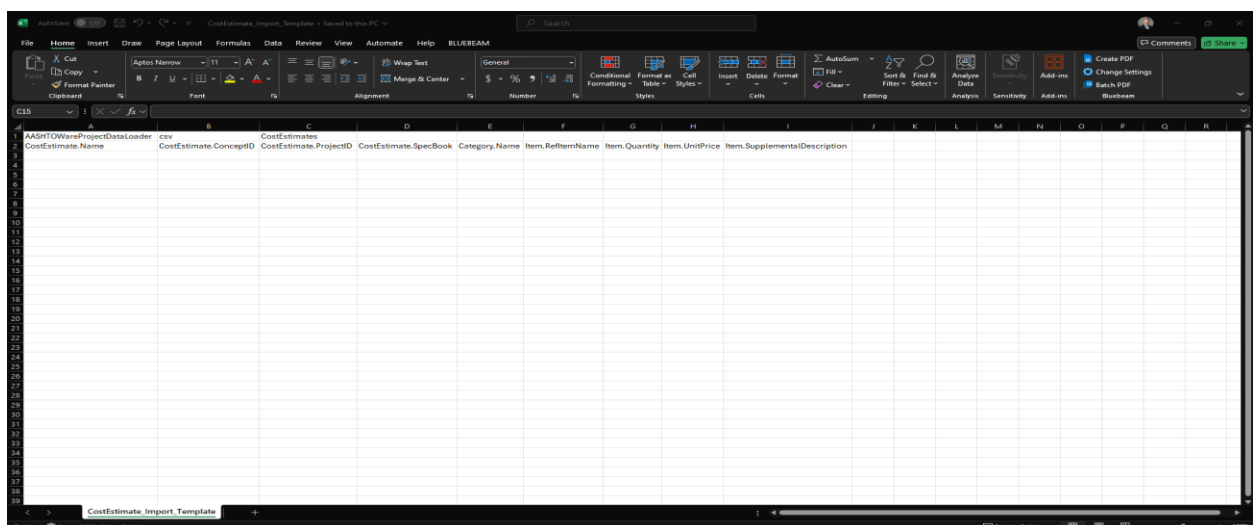
This process can be substituted for the manual entry of contract pay items using the user interface. Users must have either a concept or project created in the system with a cost estimate in place. The cost estimate also must have a least one funding category (Ex: 0001 – FED80STE20) assigned. The cost estimate pay item csv import file can be downloaded from our Cost Estimating webpage. Do not modify the main or column headers. Header modifications may impact the import process and possibly generate errors. Item unit price is not required and can be generated once data is imported. For best

results, please follow the csv import instructions below. We recommend complete cost estimates are imported only once and any future item modifications completed in the user interface.

1. Ensure that a concept or project has been created in the AWP system
2. Ensure that cost estimate contains at least one category
3. Open the CostEstimate_Import_Template
4. Rename the file
5. Ensure that “remove leading zeros and convert to a number” is disabled in excel. Select File > Options > Data > uncheck “remove leading zeros and convert to a number”



6. Ensure all column header data is visible by selecting format > autofit column width



6. Enter Cost Estimate Name. This value must match AWP cost estimate name and must be entered for each pay item row. (1)
7. Enter Concept or Project ID. This data must be entered for each pay item row. (2)
8. Enter Cost Estimate Spec Book. This data must be entered for each pay item row. (3)
9. Enter Category Name. This value must match value in the UI and entered for each pay item row. (4)
10. Enter Ref Item number for each row. (5)
11. Enter Item Quantity for each row. (6)

CostEstimate.Name	CostEstimate.ProjectID	CostEstimate.SpecBook	Category.Name	Item.RefItemName	Item.Quantity	Item.UnitPrice	Item.SupplementalDescription
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	10000		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	500		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	1500		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	2500		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	2000		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	800		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	500		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	4000		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	5000		
0999-0999-02	0999-0999-TST	11 0001	11 0001	1001001	750		

Prepare for CSV file upload.

1. Navigate to any AWP screen
2. Select the action item arrow drop down (1)
3. Select Import file (2)

Home Previous My Pages Current Role: CTDOT_ESTIMATION

On this page: System Information Preconstruction Estimation Data Analytics External Links

PROJECT In-house Design Role for Concept and Project Milestone Cost Estimates

Welcome to AASHTOWare Project v5.03.04

System issues can be reported to the proper support email address below.

Construction: dot.awp-support@ct.gov
Design: dot.aashtoware_admins@ct.gov

- James Kocaba (System Admin)

System Information

Constr Management Sys ID (CMSID)
bca290c5-34d4-42df-b321-3a628bc21159

Product Version
5.03.04 Revision 040

Database Version
5.03.040

Preconstruction

Projects

Estimation

Concepts

Cost Estimates

Data Analytics

Analysis

External Links

Connecticut DOT Cost Estimating

Connecticut DOT Division of Construction Operations

Google Earth Web

AASHTOWare Project Estimation User Guides and Training

AASHTOWare Project Agency User Manual

Project Point Deg Min Sec Identification

Actions

Open Process History

Tracked Issues

Cases

Import File

Generate Report

Execute Process

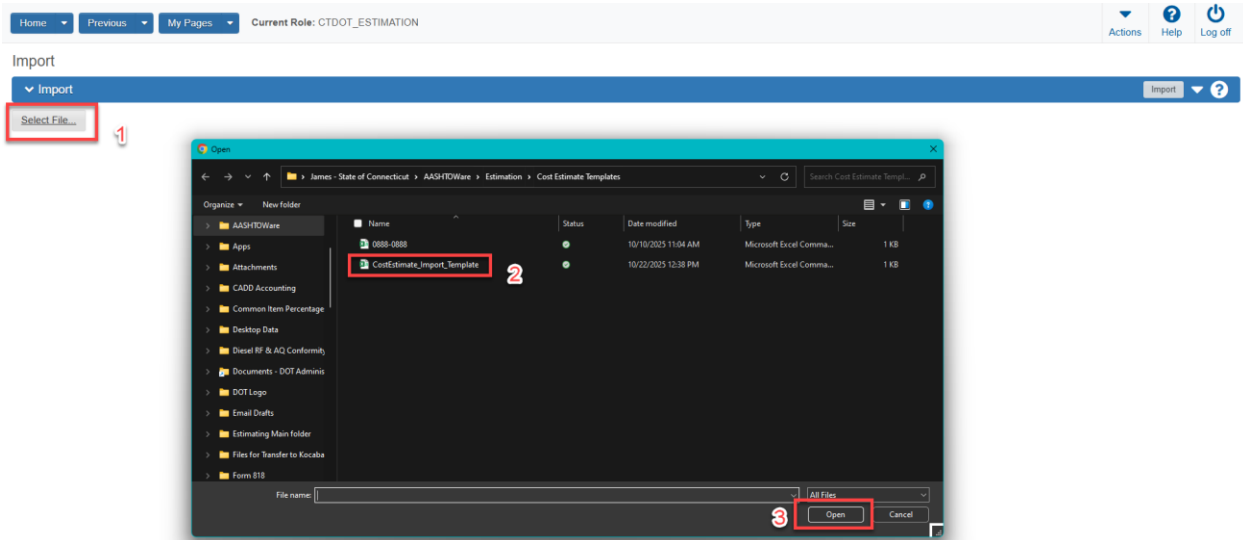
Global Attachments

Global Links

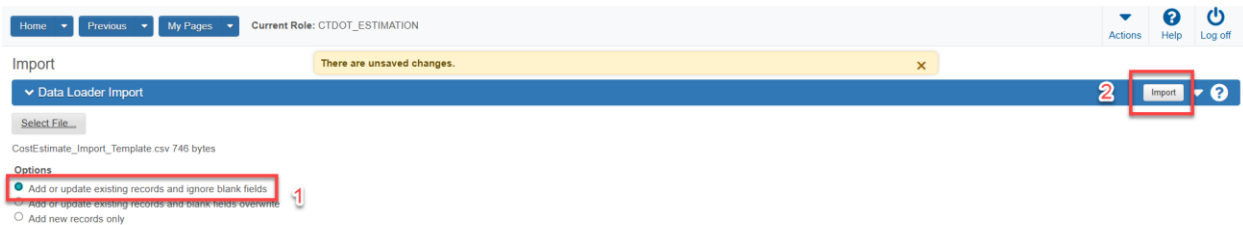
My Settings

My Outbox

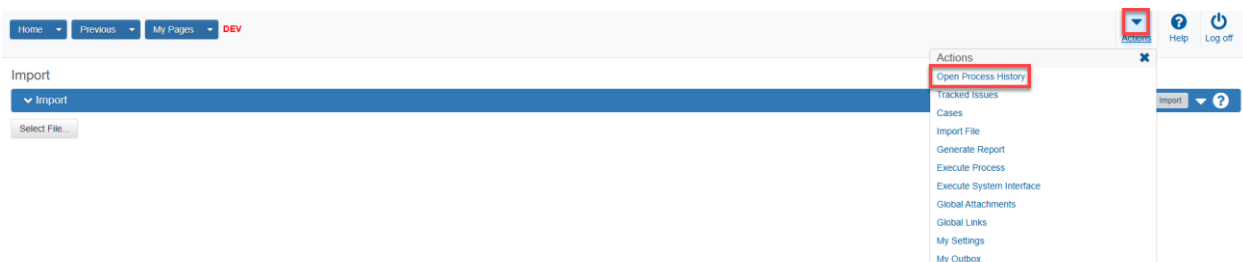
4. Select "Select File" (1)
5. Navigate to cost estimate import file (2)
6. Select "Open"



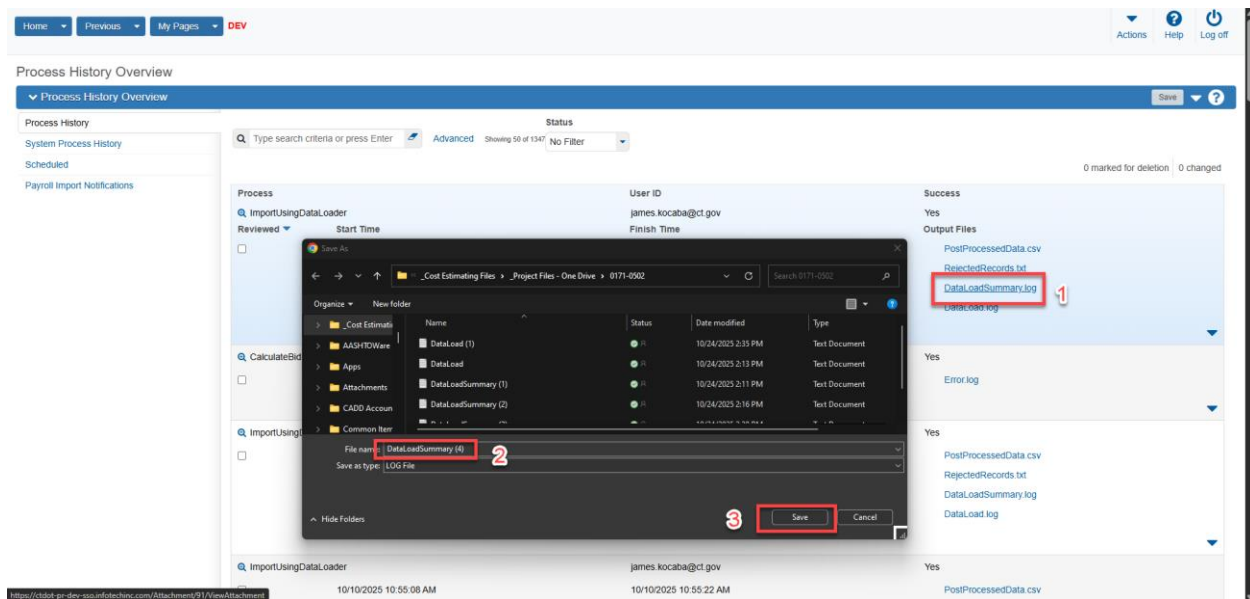
7. Select "Add or update existing records and ignore blanks" (1)
8. Select Import (2)



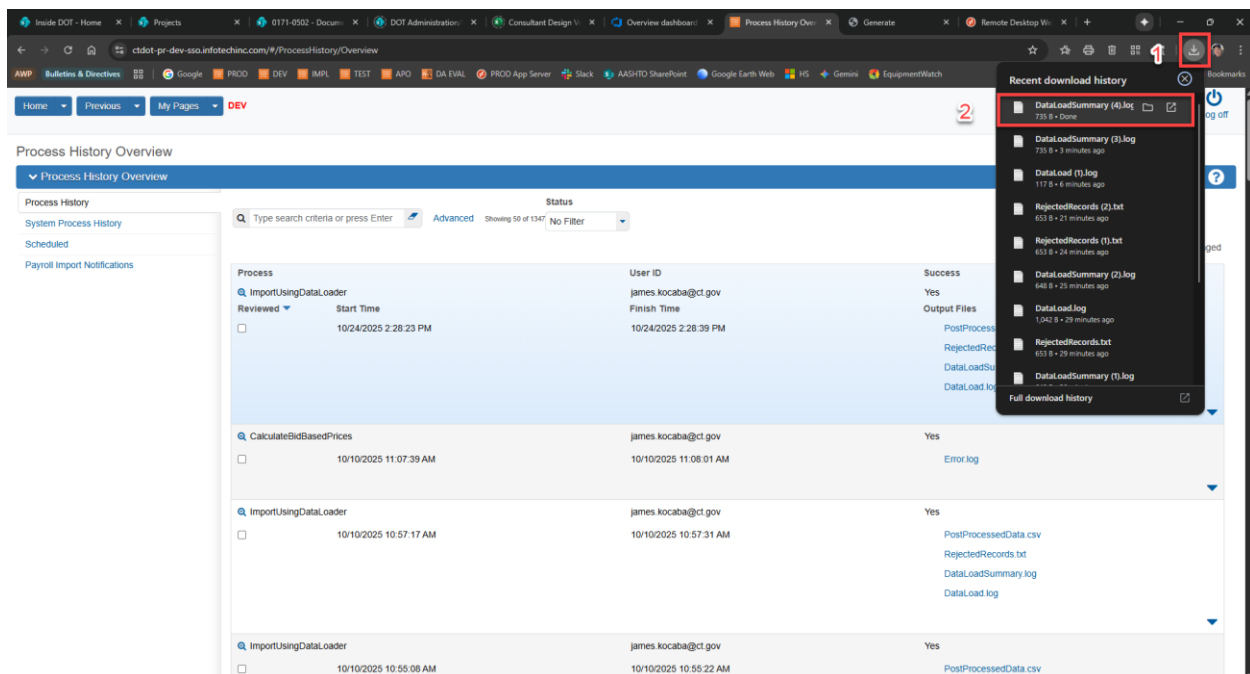
9. Check for successful import
10. Navigate to the global action arrow dropdown (1)
11. Select Open Process History (2)



12. Select DataLoadSummary.log (1)
13. Name the file and save location (2)
14. Select Save (3)



15. Locate downloaded file (1)
16. Select file (2)



17. View data summary results. Any unsuccessful record imports will be itemized in the rejected records column.
18. Navigate to the cost estimate to view imported pay items

2025/10/24 14:28:35 Data Load Summary

Record Type	Processed	Created	Updated	Rejected
CostEstimate	1	0	1	0
CostEstimateCategory	1	0	1	0
CostEstimateItem	10	10	0	0
	12	10	2	0

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8

Home | Previous | My Pages | DEV

Actions | Help | Log off

Overview | Cost Estimate | Cost Estimate Items

Item Pricing Worksheet

Cost Estimate: 0999-0999-02 - TEST - Consultant Design Demo

Project: 0999-0999_TST

Project Items, Categories, or Fund Packages exist. Only pricing fields are editable.

Type search criteria or press Enter | System Default | Showing 10 of 10

Total Cost Estimate Items

0.00

0 added | 0 marked for deletion | 0 changed

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Price S	Supp Desc	Active
0001	1	0202000	EARTH EXCAVATION	c.y	10,000.000					Yes
0001	2	1001001	TRENCHING AND BACKFILLING	l.f	500.000					Yes
0001	3	0219001	SEDIMENTATION CONTROL SYSTEM	l.f	1,500.000					Yes
0001	4	0212000	SUBBASE	c.y	2,500.000					Yes
0001	5	0305000	PROCESSED AGGREGATE	ton	2,000.000					Yes
0001	6	0406170	HMA 51	ton	800.000		0.00000	0.00	Mixed	Yes
0001	7	0406171	HMA 50.5	ton	500.000					Yes
0001	8	0406236	MATERIAL FOR TACK COAT	gal	4,000.000					Yes
0001	9	0910170	METAL BEAM RAIL (TYPE R-B 350)	l.f	5,000.000					Yes
0001	10	0944000	FURNISHING AND PLACING TOPSOIL	s.y	750.000					Yes

New | Select Items...

Showing 10 of 10

Item Grouping by Design Unit Owner

Cost estimates may contain items from separate design units. Estimation allows designers to classify estimate item ownership using the “Design Unit Owner” field in the Cost Estimate Items tab. After assignment, items can be filtered and identified by design unit ownership.

1. Navigate to Cost Estimate Summary screen
2. Select Cost Estimate Items (1)
3. Select Item (2)

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Asset Category Template

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Total Cost Estimate Items: 0.00

Q Type search criteria or press Enter ItemNoSortJH Showing 2 of 2

New

0 added 0 marked for deletion 0 changed

Line	Item	Type	Detail	Active
1	0202000 EARTH EXCAVATION	Detail		Yes
2	1001001 TRENCHING AND BACKFILLING	Detail		Yes

4. Select Design Unit Owner field dropdown arrow (1)
5. Select proper design unit owner (2)
6. Select Save (3)

Cost Estimate: 0999-0999-TST - Asset Category Template

Non-Construction Costs

Markups

New

0 added 0 marked for deletion 0 changed

Line	Item	Type	Detail	Active
1	0202000 EARTH EXCAVATION	Detail		Yes

Item: 0202000 EARTH EXCAVATION

Unit of Measure: c.y.

Supplemental Description

Price Source

Active

Price Summary

Quantity: 1,000.000 Price: Details Ext Amt

Contribute to Total Construction Cost

Exclude from Reference Price Calculation

Nonbid

Design Build

Lump Sum

Preliminary Engineering

Design Unit Owner

BRGDGN - Bridge Design

FCLTRNS - Facilities and Transit

HWYDGN - Highway Design

TRFENG - Traffic Engineering

Parent Typical Section

Users can activate cost estimate “Design Unit Owner” item filters by following these simple procedures:

1. Select dropdown adjacent to search field (1)
2. Select proper “Design Unit Owner” (2)
3. System will display only items assigned to the filter selected.

Home Previous My Pages Save Complete

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Asset Category Template Save

Project: 0999-0999-TST

General Categories Cost Summary Cost Estimate Items Non-Construction Costs Markups

Total Cost Estimate Items: 0.00

Q Type search criteria or press Enter

System Default 1 of 2

Temporary 0000Items 0000Items

1 0202000 EARTH EXC BRDGNFilter

Quantity 1,000,000

2 1001001 TRENCHING ItemNoSortLT

Quantity 2,000,000

TRFENGFilter

System Default

Advanced

Type Detail Ext Amt Active Yes

Detail Yes

Users can also apply the “Design Unit Owner” item assignment to multiple items at time by following the steps below:

1. Select item accordion arrow to active dropdown (1)
2. Select action item arrow adjacent to “Design Unit Owner” field (2)

Cost Estimate: 0777-0777-TST - TEST Save

4 0601062 FOOTING CONCRETE Detail Yes

250,000 c.y.

Line Item Type Detail Ext Amt Active Yes

Quantity 100,000 Unit c.y. Price

Item 0601064 ABUTMENT AND WALL CONCRETE

Unit of Measure c.y.

Supplemental Description

Price Source Active

Price Summary

Quantity 100,000 Price Ext Amt

Contribute to Total Construction Cost

Exclude from Reference Price Calculation

Nonbid

Design Build No

Lump Sum No

Bid as Lump Sum No

Cost Estimate Category ID

Preliminary Engineering

Design Unit Owner 2

BRDGN - Bridge Design

Prequalification Work Type

Parent Parametric Item

Parent Typical Section

Item Alternate Set

Item Alternate Member

3. Select the number of rows (down or up), all displayed rows, or all rows (1)
4. Click Save (2)

Cost Estimate: 0777-0777-TST - TEST

2 Save ?

4 0601062 FOOTING CONCRETE Detail Yes

250.000 c.y. Yes

Line	Item	Type
5	0601064 ABUTMENT AND WALL CONCRETE	Detail

Quantity 100.000 Unit c.y. Price Ext Amt Active Yes

Item 0601064 ABUTMENT AND WALL CONCRETE Unit of Measure c.y.

Supplemental Description

Price Source Active ☒

Price Summary

Quantity 100.000 Price Details Ext Amt

Contribute to Total Construction Cost ☒

Exclude from Reference Price Calculation ☐

Nonbid ☐

Design Build No

Lump Sum No

Bid as Lump Sum No

Cost Estimate Category ID

Preliminary Engineering ☐

Design Unit Owner Range Fill

Rows Down Up

All 10 Displayed Rows

All 10 Rows

Fill

Item Alternate Set

Item Alternate Member

Non-Bid Items – Utilities, State Police and Work by State Forces

All non-bid items that are added to the estimate must not contribute to the total construction costs. Prior to building project items, the “Contribute to Total Construction Costs” checkbox must be unselected and the "Exclude from Reference Price Calculation" activated for all non-bid items.

1. Navigate to “Cost Estimate Items”

Home Previous My Pages

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Concept: PP08-8888-TEST

General

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Markups

Categories

Parent Attributes

Associated Type Concept

Entity PP08-8888-TEST

Entity Description Test Proof of Concept...Please do not Delete...JTK Sept 12,

Spec Book 11

Unit System English

Improvement Type

Work Type

Estimate Information

Cost Estimate Name PP08-8888-TEST

Cost Estimate Descr Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024

Estimate Phase 01 - Programming

Design Build ☐

Profile No

Lanemiles

2. Filter Non-Bid Items by selecting dropdown arrow (1)
3. Select 8888Items (2)

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Concept: PP08-8888-TEST

General
Cost Summary
Cost Estimate Items
Item Pricing Worksheet
Incidentals and Contingencies
Markups
Categories

Total Cost Estimate Items
1,110,470.30

Q Type search criteria or press Enter System Default showing 1 of 7

Temporary
8888Items

2

New	Item ID	Description	Unit	Quantity	Unit Price	Total Price	Detail	Yes
1	0603061	STRUCTURAL	LS	1.000	250,000.00	250,000.00	Detail	Yes
2	0503001	REMOVAL OF	LS	1.000	150,000.00	150,000.00	Detail	Yes
3	0020801	ASBESTOS AB	LS	1.000	50,000.00	50,000.00	Detail	Yes
4	0602030	DEFORMED S	lb.	2.45000	4,900.00	12,005.00	Detail	Yes
5	0601318	PARTIAL DEPTH PATCH	c.f.	319.91000	105,570.30	33,760,000.00	Detail	Yes
6	0975004	MOBILIZATION AND PROJECT CLOSEOUT					Detail	

4. Remove "Contribute to Total Construction Cost" checkmark. (1)
5. Activate "Exclude from Reference Price Calculation" (2)
6. Ensure "Nonbid" checkbox is activated (3)
7. Click Save (4)

Home Previous My Pages There are unsaved changes. Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

▼ Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 4 Save ?

Concept: PP08-8888-TEST

General

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Markups

Categories

Total Cost Estimate Items

1,110,470.30

Q Type search criteria or press Enter 8888Items Showing 1 of 1

0 added | 0 marked for deletion | 1 changed

Line	Item	Type	Quantity	Unit	Price	Ext Amt	Active
7	3100012 C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	Detail	1.000	LS	50,000.00000	50,000.00	Yes

Item 3100012 **Unit of Measure** LS

C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION

Supplemental Description

Price Source Ad Hoc **Active** ☒

Price Summary

Quantity	Price	Ext Amt
1.000	50,000.00000	50,000.00

Contribute to Total Construction Cost ☒ 1

Exclude from Reference Price Calculation ☒ 2

Nonbid ☒ 3

Design Build No

Lump Sum Yes

Bid as Lump Sum Yes

Cost Estimate Category ID 8888 Non-Contract Items

Preliminary Engineering ☐

Design Unit Owner

Prequalification Work Type

Parent Parametric Item Begin typing to search or press Enter

Parent Typical Section

Item Alternate Set

Item Alternate Member

Low Cost Yes

Remarks

Type Remark

Common Lump Sum Items

All common lump sum items must have the "Contribute to Total Construction Costs" and "Exclude from Reference Price Calculation" checkboxes must be activated.

1. Navigate to "Cost Estimate Items"

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

▼ Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Concept: PP08-8888-TEST

General
Cost Summary
Cost Estimate Items
Item Pricing Worksheet
Incidentals and Contingencies
Markups
Categories

▼ Parent Attributes

Associated Type	Unit System
Concept	English
Entity	Improvement Type
PP08-8888-TEST	
Entity Description	Work Type
Test Proof of Concept...Please do not Delete...JTK Sept 12,	
Spec Book	
11	

▼ Estimate Information

Cost Estimate Name	Design Build
PP08-8888-TEST	<input type="checkbox"/>
Cost Estimate Descr	Profile
Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024	No
Estimate Phase	Lanemiles
01 - Programming	

2. Locate Common Lump Sum Items
3. Ensure "Contribute to Total Construction Cost" is activated (1)
4. Activate "Exclude from Reference Price Calculation" (2)
5. Select "Save" (3)

Cost Estimate Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024

3 Save ?

Concept: PP08-8888-TEST

General

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Markups

Categories

Total Cost Estimate Items

1,110,470.30

Type search criteria or press Enter System Default Showing 7 of 7

New 0 added 0 marked for deletion 0 changed

1	0603061 STRUCTURAL STEEL (SITE NO. 1)	Detail			
> 1.000	LS	250,000.00000	250,000.00	Yes	
2	0503001 REMOVAL OF SUPERSTRUCTURE	Detail			
> 1.000	LS	150,000.00000	150,000.00	Yes	
3	0020801 ASBESTOS ABATEMENT	Detail			
> 1.000	LS	50,000.00000	50,000.00	Yes	
4	0602030 DEFORMED STEEL BARS - GALVANIZED	Detail			
> 2,000.000	lb.	2.45000	4,900.00	Yes	
5	0601318 PARTIAL DEPTH PATCH	Detail			
> 330.000	c.f.	319.91000	105,570.30	Yes	
Line	Item	Type			
6	0975004 MOBILIZATION AND PROJECT CLOSEOUT	Detail			
> Quantity	Unit	Price	Ext Amt	Active	
1.000	LS	500,000.00000	500,000.00	Yes	

Item 0975004 Unit of Measure LS

MOBILIZATION AND PROJECT CLOSEOUT

Supplemental Description

Price Source Active Ad Hoc

Price Summary

Quantity Price Ext Amt 1.000 x 500,000.00000 = 500,000.00

Contribute to Total Construction Cost

Exclude from Reference Price Calculation

Nonbid

Design Build

No

Lump Sum

Yes

Bid as Lump Sum

Yes

Cost Estimate Category ID

Begin typing to search or press Enter

Preliminary Engineering

Design Unit Owner

Prequalification Work Type

Parent Parametric Item

Begin typing to search or press Enter

Parent Typical Section

Item Alternate Set

Item Alternate Member

Low Cost

Yes

Remarks

Type Remark

7 3100012 C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DI Detail 1.000 LS 50,000.00000 50,000.00 Yes

Add Common Lump Sum Item Reference Price

1. Navigate to the Item Pricing Worksheet

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet**

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Unit System

English

Improvement Type

Work Type

Estimate Information

Cost Estimate Name

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOT\kocaba.j

Kocaba, James

Cost Estimate Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Maintaining Structure

2. Select the three blue bar icon in the unit price field of the common lump sum item (1)
3. Select the "Reference Hyperlink" (2)

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024

Concept: PP08-8888-TEST

General

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Markups

Categories

Type search criteria or press Enter

ItemNoSortLH

Showing 8 of 8

Total Cost Estimate Items

1,316,470.30

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext.Amt	P...	Supp Descr	A...
0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad...	Yes	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad...	Yes	
0001	8	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad...	Yes	
0001	5	0601318	PARTIAL DEPTH PATCH	c.f.	330.000	319.91000	105,570.30	Regr...	Yes	
0001	4	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	2.45000	4,900.00	Regr...	Yes	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00	Ad...	Yes	
0001	6	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	500,000.00000	500,000.00	Ad...	Yes	
8888	7	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL D...				50,000.00	Ad...	Yes	

New Select Items

Method

Bid Based

Reference

Cost Based

Maintain Item Price Task

Showing 8 of 8

4. Select New (1)
5. Enter reference description. For example 8% of total estimate (2)
6. Enter percentage in the "Percent on top" field. Use of this field will exclude all other percentage based items from the calculation, such as M&PT, Mobilization and Construction Surveying (3)
7. Select the "Active" checkbox (4)

8. Click Save (5)

Home Previous My Pages Actions Help Log off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 **5** Save ?

Item Information

Line	6
Item	0975004 MOBILIZATION AND PROJECT CLOSEOUT
Supplemental Description	
Quantity	1.000
Unit of Measure	LS - LUMP SUM
Price	0.00000

Type search criteria or press Enter Advanced

The previously highlighted row is not in the current search results. Show previously highlighted row. ✖

New 1

1 added | 0 marked for deletion | 0 changed

Price Task	Description	Active	Type	Task Unit Price
Price Task	8% of total cost estimate	Yes	Use Historical Price	
Reference Price			Amount	
Description	8% of total cost estimate		Percent of	
Item ID			Percent on top	8.00
Spec Book			Active	
Task Group				

Begin typing to search or press Enter

9. Price is calculated.

Home Previous My Pages Actions Help Log off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Item Information

Line	6
Item	0975004 MOBILIZATION AND PROJECT CLOSEOUT
Supplemental Description	
Quantity	1.000
Unit of Measure	LS - LUMP SUM
Price	314.874.97000

Type search criteria or press Enter Advanced Showing 1 of 1

New

0 added | 0 marked for deletion | 0 changed

Price Task	Description	Active	Type	Task Unit Price
Ref001	8% of total cost estimate	Yes	Percent on top	314.874.97000
Price Task			Use Historical Price	

Calculate Bid Based Unit Prices for All Items

There are several methods to price items in Estimation. Items can be priced individually, or the entire estimate can be priced all at once. It is recommended that all item prices be updated every six months or at every milestone cost estimate. After an entire cost estimate price refresh, it is also recommended that a snapshot be created and saved for historical purposes. The snapshot description should contain both a reason and date. See Snapshots and Cost Estimate Phase Transition topic for more details. AASHTOWare Project Estimation calculates all item pricing based upon current bid history values. When a letting is more than a year from when the estimate is prepared, an inflation adjustment should be included. Please see the Inflation topic for more details.

1. Navigate to the item pricing worksheet from the Cost Estimate summary page

Home Previous My Pages

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet** Actions Help Log off

Cost Estimate Summary

▼ Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete. Save ?

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Unit System

English

Improvement Type

Work Type

Estimate Information

Cost Estimate Name

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOT\kocabaj
Kocaba James

Cost Estimate Total

Design Build

☐

Profile

No

Budget Class

01 - Programming

Lanemiles

Estimate Type

No

Vendor Access

2. Pricing all estimate items can be accomplished selecting the action arrow to the right of the save button (1)
3. Select "Calculate Bid Based Prices for all items" (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,012,037.34

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020001	ASBESTOS ABATEMENT	LS	1.000	50,000.00	50,000.00	Ad Hoc	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00	351,000.00	Ad Hoc	
0001	8	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00	5,000.00	Ad Hoc	
0001	5	0601318	PARTIAL DEPTH PATCH	c.f.	330.000	0.00	0.00	Ad Hoc	
0001	4	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	0.00	0.00	Ad Hoc	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00	250,000.00	Ad Hoc	
0001	6	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	306,037.34	306,037.34	Refere	
8888	7	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000	50,000.00	50,000.00	Ad Hoc	

New Select Items...

Actions

There are no actions available.

Tasks

- Calculate Bid Based Prices for all items
- Combine Like Cost Estimate Items
- Combine Like Cost Estimate Items And Calculate ...
- Cost Estimate Item Cleanup
- Export Cost Estimates
- Select Cost Based Prices to Calculate Bid Based...

Views

- Attachments (0)
- Issues
- Links

Reports

- Cost Estimate Budget Class Report
- Cost Estimate Contingency Report
- Cost Estimate Formula Information Report
- Cost Estimate Scope Tracking Report
- Cost Estimate Summary Report
- Design Build Estimate Report
- Prequalification Work Type Report

https://c1dot-pr-prod.infotechinc.com/CostEstimate/232/EntityIssueOverview

- Calculate Bid-Based Prices operation will begin. Please be patient with this step in the process. Large estimates may require 10 to 15 minutes to complete item pricing calculations.

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Calculate Bid-Based Prices Process started at 11/14/2024 13:15:24. Save ?

Q Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,012,037.34

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020001	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad Hoc	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad Hoc	
0001	8	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad Hoc	
0001	5	0601318	PARTIAL DEPTH PATCH	c.f.	330.000	0.00000	0.00	Ad Hoc	
0001	4	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	0.00000	0.00	Ad Hoc	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00	Ad Hoc	
0001	6	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	306,037.34000	306,037.34	Refere	
8888	7	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000	50,000.00000	50,000.00	Ad Hoc	

New Select Items...

Showing 8 of 8

- Non-lump sum items will be priced automatically. Users may refresh the browser to view item pricing progress.

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Search [Type search criteria or press Enter] ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,139,339.64

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020001	ASBESTOS ABATEMENT	LS	1.000	50,000.000000	50,000.00	Ad Hoc	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.000000	351,000.00	Ad Hoc	
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.000000	5,000.00	Ad Hoc	
0001	7	0601318	PARTIAL DEPTH PATCH	c.f.	330.000	325.250000	107,332.50	Regr...	
0001	8	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.270000	10,540.00	Regr...	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.000000	250,000.00	Ad Hoc	
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	315,467.140000	315,467.14	Refere...	
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000	50,000.000000	50,000.00	Ad Hoc	

New Select Items...

Showing 8 of 8

Calculate Bid Based Unit Prices for Individual Items

Single items added in between bi-annual or milestone estimate updates can be priced individually. Please follow the steps below for item pricing procedures.

1. Navigate to the item pricing worksheet from the Cost Estimate summary page

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete. Save ?

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

Entity Description

Spec Book

Estimate Information

Cost Estimate Name

Cost Estimate Descr

Estimate Phase

Estimated By

Cost Estimate Total

Unit System

English

Improvement Type

Work Type

Design Build

Profile

Budget Class

Lanemiles

Estimate Type

2. Pricing individual estimate items can be accomplished selecting the three staked blue bars in the item unit price field (1)
3. Ensure the active checkmark box is active (2)
4. Select calculate price (3)

5. Select "Save"

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet 4 Save ?

Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,023,420.54

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad Hoc	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad Hoc	
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad Hoc	
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000			Regre...	
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	b.	Method	Price	10,540.00	Regre...	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS			250,000.00	Ad Hoc	
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS			306,880.54	Refere...	
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DISTRIBUTION	LS	Bid Based		50,000.00	Ad Hoc	

New Select Items...

Showing 8 of 8

6. Save is complete and item price is established

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Price Calculation Completed X Save ?

Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,130,991.78

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad Hoc	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad Hoc	
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad Hoc	
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000	332.61000	99,603.00	Regre...	
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	b.	2,000.000	5.27000	10,540.00	Regre...	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00	Ad Hoc	
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	314,848.78000	314,848.78	Refere...	
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DISTRIBUTION	LS	1.000	50,000.00000	50,000.00	Ad Hoc	

New Select Items...

Showing 8 of 8

Add Contingency Percentage

Contingency is an element of estimated cost included to account for uncertainty and risk. The designer is responsible for ensuring that the proper percentage is entered based upon cost estimate phase.

1. Select Non-Construction Costs (1)
2. Select New (2)
3. Enter "Contingency" for name (3)
4. Enter "Contingency" for description (4)
5. Enter Percentage (5)
6. Select "Active" (6)
7. Select "Save" (7)

The screenshot displays the 'Cost Estimate Summary' interface. On the left sidebar, the 'Non-Construction Costs' option is highlighted (1). The main form area shows a 'New' button (2) and a 'Non Construction Cost Name' dropdown (3). Below this is a 'Non Construction Cost Description' dropdown (4). To the right, there is a 'Percent of Total Estimate' dropdown (5) and a 'Non Construction Cost Amount' field. At the bottom, there is an 'Active' checkbox (6) and a 'Save' button (7). The top navigation bar includes links for Home, Previous, My Pages, Actions, Help, and Log off. The main header shows 'Cost Estimate: INCIDTEST - Asset Category Template' and a search bar.

Add Incidental Percentage

The Non-Construction Cost tab can be used to enter incidental cost values. The cost of Construction Engineering (CENG), which consists of the various activities required to administer the construction contract, including inspection, materials testing, construction phase design support and other functions. It includes state and consultant forces, when applicable. For state-awarded construction contracts, this “Incidental Cost” is estimated using a sliding scale percentage of the contract cost as shown in the Incidental Cost Percentage Chart. Please refer to the cost estimating guide for contract price ranges and the associated values.

1. Select Non-Construction Costs from the Cost Estimate Summary (1)
2. Select “New” (2)
3. Enter Non-Construction Cost Name (3)
4. Enter Non-Construction Cost Description (4)
5. Enter proper percentage (5)
6. Select the “Active” checkbox (6)
7. Click “Save” (7)

The screenshot shows the 'Cost Estimate Summary' interface. On the left, a sidebar contains a menu with items like 'General', 'Cost Summary', 'Categories', 'Cost Estimate Items', 'Variables', 'Ad-hoc Pricing', 'Non-Construction Costs' (highlighted with a red box and number 1), 'Markups', 'Item Pricing Worksheet', and 'Annualization'. The main area displays a table with columns for 'Incidentals', 'INCID', '27,968.00', and 'Yes'. A 'New' button (highlighted with a red box and number 2) is located above the table. The table has a row for 'New Non Construction Cost'. Within this row, the 'Non Construction Cost Name' field (highlighted with a red box and number 3) and the 'Non Construction Cost Description' field (highlighted with a red box and number 4) are visible. To the right of the table, the 'Percent of Total Estimate' dropdown (highlighted with a red box and number 5) and the 'Non Construction Cost Amount' field are shown. Below these, the 'Calculated Amount' section includes an 'Active' checkbox (highlighted with a red box and number 6). A 'Save' button (highlighted with a red box and number 7) is located in the top right corner of the main area.

Add Inflation

A cost estimate with a letting date more than one year from when the estimate is prepared should include an inflation adjustment. Inflation values progressively decrease as contracts move from programming to semi-final design and are removed entirely at the final design phase. The Inflation Parametric Item (005PARA) can be used to enter direct future inflation values. The steps for calculating and entering inflation values ad-hoc (manually) or as a reference percentage are shown below. This item must always have “Contribute to Total Construction Cost” and “Exclude from Reference Price Calculation” flags activated on the cost estimate item screen

Except for contracts with durations of three years or more, the inflation adjustment factor is computed by determining the number of years between the estimate date (when estimate is prepared) and scheduled bid opening and multiplying this number by the annual inflation factor. For contracts with durations of three years or longer, compute the number of years from the estimate date to the mid-point of construction. An annual inflation rate of 6.5 percent per year (simple, not compound) should be used for 2023 and subsequent years. Inflation costs decrease as the cost estimate phases advance toward semi-final design and eventually are eliminated at final design. Example computations and process for AWP cost estimate incorporation to follow:

Inflation Example 1 (construction duration less than 3 years)

Estimate date: January 15, 2023

Scheduled bid opening (letting) date: November 15, 2024

Duration of construction contract: 2 years (midpoint: April 2026)

Estimated cost: \$1,500,000

Inflation: 6.5 percent

Estimated future/inflated cost = $\$1,500,000 \times (1.83 \times 0.065) = \$178,425$

Inflation Example 2 (construction duration more than 3 years)

Estimate date: January 15, 2023

Scheduled bid opening (letting) date: December 13, 2024

Duration of construction contract: 4 years (midpoint: April 2027)

Estimated cost: \$15,000,000

Inflation: 6.5 percent

Estimated future/inflated cost = \$15,000,000 x (4.25x0.065) = \$4,143,750

Ad Hoc (Manual):

1. Navigate to the Cost Estimate Summary screen
2. Select Item Pricing work sheet

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet**

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete. Save ?

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Estimate Information

Cost Estimate Name

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOT\kocaba.j

Kocaba James

Cost Estimate Total

11

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

3. Select New

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet**

Cost Estimate Summary

Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Concept: PP08-8888-TEST

General

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Markups

Categories

Type search criteria or press Enter ItemNoSortLH Showing 8 of 8

Total Cost Estimate Items

1,130,991.78

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad...	Yes	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad...	Yes	
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad...	Yes	
0001	8	0601316	PARTIAL DEPTH PATCH	c.f.	300.000	332.01000	99,603.00	Regr...	Yes	
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00	Regr...	Yes	
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00	Ad...	Yes	
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	314,848.78000	314,848.78	Refe...	Yes	
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DIS.	LS	1.000	50,000.00000	50,000.00	Ad...	Yes	

New Select Items...

Showing 8 of 8

4. Click in the Cat ID field (1)
5. Select the appropriate funding category

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

▼ Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Concept: PP08-8888-TEST

General
Cost Summary
Cost Estimate Items
Item Pricing Worksheet
Incidentals and Contingencies
Markups
Categories

Q Type search criteria or press Enter ItemNoSortLH Showing 8 of 8

Total Cost Estimate Items
1,130,991.78

0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00 Ad...	Yes
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00 Ad...	Yes
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00 Ad...	Yes
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000	332.01000	99,603.00 Regr...	Yes
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00 Regr...	Yes
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00 Ad...	Yes
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	314,848.78000	314,848.78 Refe...	Yes
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DIS.	LS	1.000	50,000.00000	50,000.00 Ad...	Yes

1 Begin typing to search or pr

2

0001 80Fed - 20State

0002 100State

8888 Non-Contract Items

Showing 3 of 3

Showing 8 of 8

- Double click the item field
- Enter "PARA"
- Select item 0005PARA

▼ Cost Estimate: PP08-8888-TEST - Test Proof of Concept There are unsaved changes. Save ?

General
Cost Summary
Cost Estimate Items
Item Pricing Worksheet
Incidentals and Contingencies
Markups
Categories

Q Type search criteria or press Enter ItemNoSortLH Showing 8 of 8

Total Cost Estimate Items
1,130,991.78

0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00 Ad...	Yes
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00 Ad...	Yes
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00 Ad...	Yes
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000	332.01000	99,603.00 Regr...	Yes
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00 Regr...	Yes
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00 Ad...	Yes
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	314,848.78000	314,848.78 Refe...	Yes
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY-ELECTRICAL DI.	LS	1.000	50,000.00000	50,000.00 Ad...	Yes

0001

New Select Items...

Q para

0003PARA STRUCTURAL STEEL INFLATION PARAMETRIC ITEM

0004PARA METALLIZING STRUCTURAL STEEL INFLATION PARAMETRIC ITEM

0005PARA INFLATION PARAMETRIC ITEM

0101142 CONTAMINATED GROUND WATER TREATMENT SYSTEM SITE PREPARATION & CLEANUP

0210040 OIL-WATER

Showing 10 of 103

Showing 8 of 8

- Enter a lump Sum quantity of 1.0

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

▼ Cost Estimate: PP08-8888-TEST - Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024 Save ?

Concept: PP08-8888-TEST

General
Cost Summary
Cost Estimate Items
Item Pricing Worksheet
Incidentals and Contingencies
Markups
Categories

Q Type search criteria or press Enter ItemNoSortLH Showing 8 of 8

Total Cost Estimate Items
1,130,991.78

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad		Yes
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad		Yes
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad		Yes
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000	332.91000	99,873.00	Regr		Yes
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00	Regr		Yes
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00	Ad		Yes
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	314,848.78000	314,848.78	Refe		Yes
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DIS.	LS	1.000	50,000.00000	50,000.00	Ad		Yes
0001	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001		0001PARA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000					Yes

New Select Items...

Showing 8 of 8

10. Enter the manually calculated lump sum unit price (1)

11. Click Save (2)

Home Previous My Pages Current Role: ADMIN Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

▼ Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Consultant Design Demo 2 Save ?

Project: 0999-0999

Q Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items
593,460.10

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Price 1	Supp Descr	Active
0001	8	0005PARA	INFLATION PARAMETRIC ITEM	LS	1.000	70,886.10000	70,886.10	Refe		Yes
0001	6	0202000	EARTH EXCAVATION	c.y.	1,600.000	62.25000	99,604.00	Regr		Yes
0001	7	0212000	SUBBASE	c.y.	2,000.000	60.00000	120,000.00	Ad Hoc		Yes
0001	3	0406170	HMA S1	ton	1,000.000	191.84000	191,840.00	Regr	** See Special Provi...	Yes
0001	5	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	37,805.92000	37,805.92	Refe		No
0001	2	1001001	TRENCHING AND BACKFILLING	l.f.	1,000.000	53.12000	53,120.00	Regr		Yes
0001	1	1114102	SPAN WIRE	l.f.	1,000.000	7.95000	7,950.00	Regr	** See Special Provi...	Yes
8888	4	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000	50,000.00000	50,000.00	Ad Hoc		Yes

New Select Items...

Showing 8 of 8

12. Ensure “Contribute to Total Construction Cost” and “Exclude from Reference Price Calculation” flags are activated on the cost estimate item screen

13. Navigate to the cost estimate item screen

Home	Previous	My Pages	Current Role: ADMIN	Actions	Help	Log off
------	----------	----------	---------------------	---------	------	---------

Overview Cost Estimate **Cost Estimate Items**

Item Pricing Worksheet

Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Consultant Design Demo

Project: 0999-0999

Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items

593,460.10

0 added 0 marked for deletion 0 changed

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Price	Supp Descr	Active
0001	8	0005PARA	INFLATION PARAMETRIC ITEM	LS	1.000	70,886.10000	70,886.10	70,886.10	Refer...	Yes
0001	6	0202000	EARTH EXCAVATION	c.y.	1,000.000	62.290000	62,290.00	99,664.00	Refer...	Yes
0001	7	0212000	SUBBASE	c.y.	2,000.000	60.000000	120,000.00	120,000.00	Ad Hoc	Yes
0001	3	0406170	HMA S1	ton	1,000.000	191.840000	191,840.00	191,840.00	Refer...	Yes
0001	5	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	37,805.920000	37,805.92	37,805.92	Refer...	No
0001	2	1001001	TRENCHING AND BACKFILLING	l.f.	1,000.000	53.120000	53,120.00	53,120.00	Refer...	Yes
0001	1	1114182	SPAN WIRE	l.f.	1,000.000	7.950000	7,950.00	7,950.00	Refer...	Yes
8888	4	3100012	C.L. - POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000	50,000.00000	50,000.00	50,000.00	Ad Hoc	Yes

New Select Items

Showing 8 of 8

14. Locate the inflation parametric item
15. Select the drop down arrow (1)
16. Activate Contribute to Total Item Construction Cost checkbox (2)
17. Activate Exclude from Reference Price Calculation chekcbox (3)

Home	Previous	My Pages	Current Role: ADMIN	Actions	Help	Log off
------	----------	----------	---------------------	---------	------	---------

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Consultant Design Demo

Project: 0999-0999

General

Cost Summary

Cost Estimate Items

Incidentals and Contingencies

Categories

Markups

Total Cost Estimate Items

593,460.10

Type search criteria or press Enter ItemNoSortLH Showing 8 of 8

New

0 added 0 marked for deletion 0 changed

Line	Item	Type
8	0005PARA INFLATION PARAMETRIC ITEM	Detail
Quantity	Unit	Price
1.000	LS	70,886.10000
Ext Amt	Active	
70,886.10	Yes	

Item

0005PARA

INFLATION PARAMETRIC ITEM

Unit of Measure

LS

Supplemental Description

Price Source

Reference

Price Summary

Quantity

1.000

Price

70,886.10000

Ext Amt

70,886.10

Contribute to Total Construction Cost

Exclude from Reference Price Calculation

Nonbid

Design Build

No

Lump Sum

No

Preliminary Engineering

Design Unit Owner

Prequalification Work Type

Parent Parametric Item

Parent Typical Section

Reference Price Percentage

Adding a reference based percentage will automatically adjust inflation values based upon the total of all the bid items. Properly identified non-bid item values will not be included in this calculation.

1. Add new 0005PARA INFLATION PARAMETRIC ITEM and a lump sum quantity of 1.0 as shown in the steps above.
2. Navigate to the blue hamburger button (1)
3. Click the "Reference" hyperlink

Home Previous My Pages DEV Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Cost Estimate: 0111-01234-JTK - Road Widening and Site Line improvements On Route 79 in Madison Save ?

Project

Type search criteria or press Enter ItemNumLH Showing 50 of 70

Total Cost Estimate Items
2,654,282.09

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Method	Price	Active
0001	70	0005PARA	INFLATION PARAMETRIC ITEM	LS	1.000		Reference		
0001	1	0201001	CLEARING AND GRUBBING	LS	1.000		Cost Based		
0001	2	0202000	EARTH EXCAVATION	c.y.	12,000.000	33.28000	Maintain Item Price Task		
0001	3	0202100	ROCK EXCAVATION	c.y.	200.000	108.87000			
0001	4	0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	20.000	140.26000			
0001	5	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.f.	1,000.000	4.18000			
0001	6	0209001	FORMATION OF SUBGRADE	s.y.	9,000.000	3.86000			
0001	7	0210021	WATER POLLUTION CONTROL	est.	1,000.000	1.00000			
0001	8	0213100	GRANULAR FILL	c.y.	500.000	73.32000			
0001	9	0219001	SEDIMENTATION CONTROL SYSTEM	l.f.	2,500.000	7.31000			
0001	10	0304002	PROCESSED AGGREGATE BASE	c.y.	700.000	77.49000			
0001	11	0305000	PROCESSED AGGREGATE	ton	1,000.000	74.78000			
0001	12	0406002	TEMPORARY PAVEMENT	s.y.	250.000	65.10000			
0001	13	0406171	IMBA STD 5	ton	5,000.000	704.66000			

4. Click the "New" button (1)
5. Enter Description that details the percentage calculation (2)
6. Enter calculated percentage in the "Percent on top" field (3)
7. Click the "Active" checkbox (4)
8. Click "Save" (5)

Home Previous My Pages Current Role: ADMIN Actions Help Log off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Consultant Design Demo 5 Save ?

Item Information

Line	8	Quantity	1.000
Item	0005PARA INFLATION PARAMETRIC ITEM	Unit of Measure	LS - LUMP SUM
Supplemental Description		Price	70,886.10000

Q Type search criteria or press Enter Advanced Showing 1 of 1

New 1

Price Task	Description	Active	Type	Task Unit Price
Ref001	5% for 5 years = 15%	Yes	Percent on top	70,886.10000

Price Task Ref001 Use Historical Price ☐

Reference Price

Description 2 5% for 5 years = 15%

Item ID 3 Percent on top 15.00

Spec Book 4 Active

Task Group Begin typing to search or press Enter

Snapshots and Cost Estimate Phase Transition

After a cost estimate has been completed and is ready to transition to the next project development milestone several actions must be completed. First, users must generate a cost estimate phase snapshot. A snapshot is required for PowerBi reporting and audit purposes as well as tracking scope creep. After a snapshot is created the cost estimate phase can be transitioned and saved.

1. Navigate to the Cost Estimate Summary
2. Select the action arrow adjacent to the save button (1)
3. Select "Create Snapshot" (2)

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete.

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Estimate Information

Cost Estimate Name *

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOT\kocaba.j
Kocaba James

Cost Estimate Total

1,317,606.11

Previous Snapshot Total

Unit System

English

Improvement Type

Work Type

Design Build

No

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

Begin typing to search or press Enter

Snapshot Tracking Percentage

10.00

Actions

- Select Item Bid History Profile...
- Tasks
- Build Project Items
- Calculate Bid Based Prices for all Items
- Combine Like Cost Estimate Items
- Combine Like Cost Estimate Items and Calculate ...
- Create Budget From Estimate
- Create Snapshot
- Export Cost Estimates
- Import Snapshot...
- Item Bid History Criteria
- Select Cost Estimate Items to Calculate Bid Based...
- Transition Cost Estimate to Detail Items
- Validate Prequal Worktypes
- Views
- Attachments (0)
- Default Bid History Profiles
- Issues
- Item Pricing Worksheet
- Links
- Parent Project
- Snapshots
- Reports
- Cost Estimate Budget Class Report
- Cost Estimate Contingency Report
- Cost Estimate Formula Information Report
- Cost Estimate Scope Tracking Report
- Cost Estimate Summary Report
- Design Build Estimate Report
- Prequalification Work Type Report

4. Enter a detailed description of the cost estimate phase (1)
5. Select the proper snapshot reason (2)
6. Select "Save" (3)

Home Previous My Pages

Cost Estimate

Add Cost Estimate Snapshot

Add Cost Estimate Snapshot

Entity

Description *

Snapshot at Preliminary Design Completion - 30%

Cost Estimate Name

0999-0999-TST

Snapshot Type

Manual

Snapshot Reason

02PD - Preliminary Design

01PRGM - Programming

02PD - Preliminary Design

03SFD - Semi Final Design

04FD - Final Design

05FDP - Final Design Plans

06SCP - Scope Modification

07OTH - Other

Remarks

Type *

Remark *

7. Snapshot has been successfully saved
8. Users can navigate back to snapshot overview

Home Previous My Pages Overview Fund Package Overview Funding Assign to Items Contingency Assignment Typical Sections Cost Estimate

Cost Estimate Snapshot Summary Cost Estimate 0999-0999-TST - Snapshot at Preliminary Design Completion... Successfully Saved

Cost Estimate Snapshot: 0999-0999-TST - 001 - Snapshot at Preliminary Design Completion - 30%

General Categories Cost Summary Cost Estimate Items Non-Construction Costs Markups Item Pricing Worksheet

Entity 0999-0999-TST Snapshot 001 Description Snapshot at Preliminary Design Completion - 30% Created By CONNDOT\kocabajl

Cost Estimate Name 0999-0999-TST Snapshot Type Manual Snapshot Reason 02PD - Preliminary Design Created Date 10/17/2023 10:53:57 AM

Remarks Type Remark

9. Navigate back to the current cost estimate

Home Previous My Pages Cost Estimate

Cost Estimate Snapshot Overview

Cost Estimate Snapshot Overview

Type search criteria or press Enter Advanced Showing 1 of 1

0 marked for deletion 0 changed

Sequence	Description	Snapshot Type	Created	Created Dt
001	Snapshot at Preliminary Design Completion - 30%	Manual	CONNDOT\kocabajl	10/17/2023 10:53:57 AM

10. Modify Cost Estimate phase

- Select Cost Estimate Phase drop down arrow (1)
- Select next cost estimate phase (2)
- Click Save (3)

Home Previous My Pages DEV

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0008-8888 - TEST

Project: 0008-8888-TST

General Cost Summary Cost Estimate Items Incidentals and Contingencies Categories Markups

Parent Attributes Associated Type Project Entity 0008-8888-TST Entity Description Test Proof of Concept...Please do not Delete...JTK Sept 12, Improvement Type

Spec Book 11 Unit System English Work Type

Estimate Information Cost Estimate Name 0008-8888 Cost Estimate Descr TEST

Estimate Phase 02 - Preliminary Design 01 - Programming 02 - Preliminary Design 03 - Semi-Final Design 04 - Final Design 05 - Final Design Plans

Design Build No Profile No Estimate Type PROG - Progress Vendor Access Begin typing to search or press Enter Active Yes

Previous Snapshot Total

11. Quick link to cost estimate snapshots is located here:
 - a. Select action item arrow adjacent to the save button (1)
 - b. Select the “Snapshots” hyperlink (2)

The screenshot shows the 'Cost Estimate Summary' page for project '0999-0999-TST'. The 'Actions' menu is open, and the 'Snapshots' option is highlighted with a red box and a red number '2'. A red number '1' points to the dropdown arrow next to the 'Save' button in the top right corner of the page header.

Merge Multiple Cost Estimates

If multiple cost estimates are used to separate project locations, a cost estimate merge function must be completed before Final Design Plans phase. This task will combine all items into one active cost estimate. Users must re-add categories to the new merged cost estimate. Follow the step below to merge cost estimates.

1. Navigate to Concept or Project Cost estimates

The screenshot shows the 'Project Cost Estimate Summary' page for project '0777-0777 - Test Merge Cost estimates'. The page displays a table of cost estimates with the following data:

Cost Estimate Name	Cost Estimate Description	Estimate Type	Cost Estimate Total	Active	Contr...
0777-0777-01	TEST - Merge Cost Estimates		496,376.16	Yes	<input checked="" type="checkbox"/>
0777-0777-02	TEST 2 - Merge Cost Estimates		696,251.24	Yes	<input type="checkbox"/>

2. Select primary cost estimate
3. Select primary cost estimate the action arrow drop down (1)
4. Select Merge Cost Estimate (2)

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: 0777-0777 - Test Merge Cost estimates

Proposal:

General

Cost Estimates

Type search criteria or press Enter Advanced Showing 3 of 3

Show previously highlighted row

Cost Estimate Name	Cost Estimate Description	Estimate Type	Cost Estimate Total	Active	Contr...
0777-0777-01	TEST - Merge Cost Estimates				
0777-0777-02	TEST 2 - Merge Cost Estimates				
0777-0777-03	TEST 3 - Merge Cost estimate				

0 marked for deletion 0 changed

Actions

- Delete
- Exclude from Search Results
- Merge Cost Estimate
- Open
- Tasks
- Build Project Items
- Calculate Bid Based Prices for all Items
- Cost Estimate Item Cleanup
- Export Cost Estimates
- Views
- Attachments (0)
- Item Pricing Worksheet
- Links
- Tracked Issues
- Reports
- Cost Estimate Budget Class Report
- Cost Estimate Contingency Report
- Cost Estimate Formula Information Report
- Cost Estimate Scope Tracking Report
- Cost Estimate Summary Report
- Design Build Estimate Report
- Prequalification Work Type Report

5. Rename merged cost estimate (1)
6. Locate and select all cost estimates to merge (2)
7. Select Merge Cost Estimate (3)

Home Previous My Pages DEV

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

There are unsaved changes.

Project: 0777-0777 - Test Merge Cost estimates

Proposal:

General

Cost Estimates

Merge Project Cost Estimate

New Cost Estimate Name Primary Cost Estimate Name

0777-0777-04 0777-0777-01

Type search criteria or press Enter Advanced Showing 2 of 2

Select: All None

Select	Cost Estimate Name	Project Number	Associated Type	Estimate Type	Profile
<input checked="" type="checkbox"/>	0777-0777-02	0777-0777	Project		No
<input checked="" type="checkbox"/>	0777-0777-03	0777-0777	Project		No

2 selected

Merge Cost Estimate

8. The system will trigger the Merge Cost Estimates Process

Home Previous My Pages DEV Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: 0777-0777 - Test Merge Cost estimates

Proposal:

General

Cost Estimates

Search: Type search criteria or press Enter Advanced Showing 3 of 3

Show All

Show previously highlighted row

0 marked for deletion | 0 changed

Cost Estimate Name	Cost Estimate Description	Estimate Type	Cost Estimate Total	Active	Contr...
0777-0777-01	TEST - Merge Cost Estimates		496,376.16	Yes	<input checked="" type="checkbox"/>
0777-0777-02	TEST 2 - Merge Cost Estimates		695,251.24	Yes	<input type="checkbox"/>
0777-0777-03	TEST 3 - Merge Cost estimate		496,376.16	Yes	<input type="checkbox"/>

9. Refresh the browser

10. Locate and select new merged controlling cost estimate

Home Previous My Pages DEV Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: 0777-0777 - Test Merge Cost estimates

Proposal:

General

Cost Estimates

Search: Type search criteria or press Enter Advanced Showing 4 of 4

Show All

Show previously highlighted row

0 marked for deletion | 0 changed

Cost Estimate Name	Cost Estimate Description	Estimate Type	Cost Estimate Total	Active	Contr...
0777-0777-01	TEST - Merge Cost Estimates		496,376.16	Yes	<input type="checkbox"/>
0777-0777-02	TEST 2 - Merge Cost Estimates		695,251.24	Yes	<input type="checkbox"/>
0777-0777-03	TEST 3 - Merge Cost estimate		496,376.16	Yes	<input type="checkbox"/>
0777-0777-04	TEST - Merge Cost Estimates		1,688,003.56	Yes	<input checked="" type="checkbox"/>

11. Navigate to Cost Estimate Categories – categories must be added after merging cost estimates

Home Previous My Pages DEV

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0777-0777-04 - TEST - Merge Cost Estimates Save ?

Project: 0777-0777

General Cost Summary Cost Estimate Items Incidental and Contingencies **Categories** Markups

Parent Attributes

Associated Type Spec Book

Project 11

Entity Unit System

0777-0777 English

Entity Description Work Type

Test Merge Cost estimates

Improvement Type

Estimate Information

Cost Estimate Name • 0777-0777-04 Design Build

Cost Estimate Description • TEST - Merge Cost Estimates Profile

Estimate Phase 01 - Programming Estimate Type

Estimated By Begin typing to search or press Enter Vendor Access

Cost Estimate Total 1,688,003.56 Active

Yes

12. Select New (1)
13. Enter Category (2)
14. Enter Category Description (3)
15. Select Save (4)

Home Previous My Pages DEV

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0777-0777-04 - TEST - Merge Cost Estimates Save ?

Project: 0777-0777

General Cost Summary Cost Estimate Items Incidental and Contingencies **Categories** Markups

There are unsaved changes.

Type search criteria or press Enter CategoryIDSort

1 New

Category 0001 Category Desc 80FED20STE Category Total

2 Category 0001 **3** Category Desc 80FED20STE

Category Alternate Set

Low Cost Flag

Category Alternate Member

1 added 0 marked for deletion 0 changed

4 Save

Check for Duplicate Items

Prior to FDP it is recommended that the designer check the cost estimate for duplicate items. Duplicate items appear when separate design groups add an identical items to the cost estimate or after merging several cost estimates. Designers can check, combine and reprice duplicate items by using the method below from the cost estimate summary or the Item Pricing Worksheet screen.

1. Navigate to the action item arrow drop down (adjacent to the save button)
2. Select either combine like items or combine like items and reprice

Home

Previous

My Pages

Current Role: ADMIN

Actions

Help

Log off

Overview

Cost Estimate

Cost Estimate Items

Item Pricing Worksheet

Cost Estimate: 0999-0999-01 - TEST Cost Estimate for Consultant Design Demo

Save

?

Project: 0999-0999

Type search criteria or press Enter

Temporary

Showing 14 of 14

Total Cost Estimate Items

183,388.64

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Est
0001	3	0406170	HMA S1	ton	500.000	130.00000	
0001	4	0406171	HMA S0.5	ton	400.000		
0001	5	0406172	HMA S0.375	ton	200.000		
0001	6	0406173	HMA S0.25	ton	1,000.000		
0001	7	0652011	18" R.C. CULVERT END	ea.	350.000		
0001	8	0652012	21" R.C. CULVERT END	ea.	500.000		
0001	9	0652013	24" R.C. CULVERT END	ea.	450.000		
0001	10	0652014	30" R.C. CULVERT END	ea.	250.000		
0001	11	0917010	REPAIR GUIDERAIL (ESTIMATED COST)	est.	1,000.000	1.00000	
0001	13	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	9,880.64000	
0001	2	1001001	TRENCHING AND BACKFILLING	I.F.	700.000	49.45000	
0001	14	1001001	TRENCHING AND BACKFILLING	I.F.	300.000	46.82000	
0001	1	1114102	SPAN WIRE	I.F.	1,000.000	8.84000	
8888	12	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000	50,000.00000	

New

Select Items...

Showing 14 of 14

Actions

There are no actions available.

Tasks

Calculate Bid Based Prices for all Items

Combine Like Cost Estimate Items

Combine Like Cost Estimate Items And Calculate

Cost Estimate Item Cleanup

Export Cost Estimates

Select Cost Estimate Items to Calculate Bid Based...

Views

Attachments (0)

Issues

Links

Reports

Cost Estimate Budget Class Report

Cost Estimate Contingency Report

Cost Estimate Formula Information Report

Cost Estimate Scope Tracking Report

Cost Estimate Summary Report

Design Build Estimate Report

Prequalification Work Type Report

Change Project Workflow from 10 to 20

The final step in the cost estimate process is to change the project workflow from 10 – Concept and Milestone Estimate to 20 – Processing for Final Estimate and Proposal. This task is initiated at Final Design Plans (FDP) cost estimate phase. Once complete Contract Development will be automatically notified by email that the cost estimate is ready for final processing. After the workflow is set to 20 the cost estimate becomes confidential and can only be modified by Contract Development and Cost Estimating.

1. Navigate to the Project Summary screen and select workflow

Home Previous My Pages

Overview Categories and Items Cost Estimate Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

▼ Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023...do not delete Save ?

Proposal:

General

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

Project Number
0999-0999-TST

Project Description
Test project created by James Kocaba for Estimation training on July 20, 2023...do not delete

Spec Book (Item List 11 = Engl, 10 = Metric)
11

Unit System
English

Federal Project Number

Project Work Type

Project Item Total

State Project Number

Project Engineer

Designed By

Id
2360

Created By

Incidentals and Contingencies

Highway Type

Urban/Rural

Historical Inc and Cont-LEAVE BLANK

Primary Project County
NHVN - New Haven

Primary Project District ID
3 - New Haven

Town 1

Town 2

Town 3

Town 4

Town 5

Town 6

2. Ensure that the Standard ConnDOT Workflow is selected (1)
3. Select the WorkflowPhase drop down arrow (2)

Home Previous My Pages

Overview Categories and Items Cost Estimate Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

▼ Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023...do not delete Save ?

Proposal:

General

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

Workflow

Standard ConnDOT Workflow 1

WorkflowPhase

10-Concept and Milestone Estimate 2

4. Select 20 – Processing for Final Estimate and Proposal. *****Important***** Please select only phase 20. If different phase is selected and saved, you cannot go back and Contract Development will not be notified.

Home Previous My Pages Actions Help Log off

Overview Categories and Items Cost Estimate Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

▼ Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023... do not delete Save ?

Proposal:

General
Counties
Districts
Points
Road Segments
Bridge Segments
Workflow

Workflow
Standard ConnDOT Workflow
WorkflowPhase
10-Concept and Milestone Estimates
10-Concept and Milestone Estimates
20-Processing for Final Estimate and Proposal
30-Processing and Contracts Overlap before Advertisement
40-Contracts-Advertisement Phase
50-Contracts - Addenda Phase
60-Contracts - Letting Day Processing
80-Contracts Post Bid Letting Activities
90-Contracts Award and Rejection Determination
100-Preconstruction Activities completed
440-Contract not to Advertise (NTP)

5. Select Save

Home Previous My Pages Actions Help Log off

Overview Categories and Items Cost Estimate Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

▼ Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023... do not delete Save ?

Proposal:

General
Counties
Districts
Points
Road Segments
Bridge Segments
Workflow

Workflow
Standard ConnDOT Workflow
WorkflowPhase
20-Processing for Final Estimate and Proposal

Build Project Items (Completed by Contract Development)

Contract Development staff can initiate the “Build Project Items” process at FDP after cost estimate has been finalized and the workflow phase has been changed to 20 – Processing for Final Estimate and Proposal. This process can be completed by following the steps below:

1. Select the proper project number from the Project Overview screen.

Home Previous My Pages DEV Actions Help Log off

Project Overview

▼ Project Overview Save ?

🔍 Type search criteria or press Enter CreatedDate Showing 7 of 7 0 changed

2547	0111-1234-JTK	🔍 Road Widening and Site Line Improvements On Route 79 in Madis	AG - Alvaro Garcia	GENC - GENER	20-Processing	CONNDOT\kocabajt	03/13/2025	▼
Id	Project Number	Proposal	Descr	Project Engineer	Project Work ...	Phase	Created	Created Dt
2534	JTK-0301-0530	🔍 Town of west Haven Rte 1		ETS - Eric T. Smith	STRS - STRUC1	10-DesignEstim	CONNDOT\karimih	02/25/2025
2533	JTK-0043-0133	🔍 Town of west Haven Rte 1			STRS - STRUC1		CONNDOT\karimih	02/25/2025
2517	JTK-0111-1112	🔍 Bridge 01112 - Test Project		AG - Alvaro Garcia	STRS - STRUC1	10-DesignEstim	CONNDOT\dearmondgn	02/25/2025
2507	JTK-0009-9999	🔍 Test		AJCe - Andrew.Cardli	ERTH - EARTHv		CONNDOT\kocabajt	02/04/2025
2498	0008-8888-TST	🔍 Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024					CONNDOT\kocabajt	11/01/2024
2394	0999-0999_TST	🔍 TEST Project Created by JTK...Please do not delete			GENC - GENER	10-DesignEstim	CONNDOT\kocabajt	01/11/2024

2. Navigate to Cost Estimate

The screenshot shows the 'Project Summary' page for 'Project: 0111-1234-JTK - Road Widening and Site Line improvements On Route 79 in Madison'. The 'Cost Estimate' tab is highlighted in the top navigation bar. The left sidebar contains a list of categories: General, Counties, Districts, Points, Bridge Segments, and Workflow. The main content area is divided into three columns. The first column contains fields for Project Number (0111-1234-JTK), Project Description (Road Widening and Site Line improvements On Route 79 in Madison), Spec Book (Item List 11 = Engl, 10 = Metric), Unit System (English), Federal Project Number (20(34)FTF4), Project Work Type (GENC - GENERAL CONSTRUCTION), and Project Item Total. The second column contains fields for Incidentals and Contingencies, Highway Type (03 - Urban Other Principal Arterial), Urban/Rural (U - Urban), Historical Inc and Cont-LEAVE BLANK, Primary Project County (NHVN - New Haven), Primary Project District ID (3 - District 3 - New Haven), and Town 1. The third column contains fields for Primary Project County (NHVN - New Haven), Primary Project District ID (3 - District 3 - New Haven), and Town 1.

3. Select the "Cost Estimates" tab

The screenshot shows the 'Project Cost Estimate Summary' page for 'Project: 0111-1234-JTK - Road Widening and Site Line improvements On Route 79 in Madison'. The 'Cost Estimates' tab is highlighted in the left sidebar. The main content area is divided into three columns. The first column contains fields for Project Number (0111-1234-JTK), Project Description (Road Widening and Site Line improvements On Route 79 in Madison), Spec Book (Item List 11 = Engl, 10 = Metric), Unit System (English), Construction Year (2027), Estimated Date (04/25/2025), and Letting Date. The second column contains fields for Primary Project County (NHVN - New Haven), Primary Project District ID (3 - District 3 - New Haven), Urban/Rural (U - Urban), Project Work Type (GENC - GENERAL CONSTRUCTION), Highway Type (03 - Urban Other Principal Arterial), Season (03 - Summer), and Terrain. The third column contains fields for Primary Project County (NHVN - New Haven), Primary Project District ID (3 - District 3 - New Haven), Urban/Rural (U - Urban), Project Work Type (GENC - GENERAL CONSTRUCTION), Highway Type (03 - Urban Other Principal Arterial), Season (03 - Summer), and Terrain.

4. Select the Cost Estimate that has control. It is very important that the proper (controlling) cost estimate is selected in this step. If the non-controlling estimate is selected, the non-preferred cost estimate alternative and it's items will be added to the project.

Home Previous My Pages DEV Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

▼ Project: 0111-1234-JTK - Road Widening and Site Line improvements On Route 79 in Madison Save ?

Proposal:

General

Cost Estimates

Q Type search criteria or press Enter Advanced Showing 2 of 2

Show All

Add

0 marked for deletion 0 changed

Cost Estimate Name	Estimate Type	Cost Estimate Total	Active	Control Cost Est
0111-1234-JTK	PROG - Progress	4,473,803.48	Yes	<input type="checkbox"/>
0111-1234-JTK-1	PROG - Progress	4,660,470.15	Yes	<input checked="" type="checkbox"/>

5. Navigate to the Cost Estimate General tab

Home Previous My Pages DEV Actions Help Log off

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

▼ Cost Estimate: 0111-1234-JTK-1 - Road Widening and Site Line improvements On Route 79 in Madison Save ?

Project: 0111-1234-JTK

General

Cost Summary

Cost Estimate Items

Incidentals and Contingencies

Categories

Markups

Parent Attributes

Associated Type

Project

Entity

0111-1234-JTK

Entity Description

Road Widening and Site Line improvements On Route 79 in Madi

Improvement Type

Spec Book

11

Unit System

English

Work Type

GENC - GENERAL CONSTRUCTION

Estimate Information

Cost Estimate Name *

0111-1234-JTK-1

Cost Estimate Descr

Design Build

☐

Profile

..

6. Select the action dropdown arrow to the right of the save button (1)

7. Select Build Project Items (2)

Home Previous My Pages DEV

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0111-01234-JTK - Road Widening and Site Line improvements On Route 79 in Madison

Project: 0111-1234-JTK

General

Cost Summary

Cost Estimate Items

Incidentals and Contingencies

Categories

Markups

Parent Attributes

Associated Type

Project

Entity

0111-1234-JTK

Entity Description

Road Widening and Site Line improvements On Route 79 in Madi

Improvement Type

Estimate Information

Cost Estimate Name *

0111-01234-JTK

Cost Estimate Descr

Design Build

Profile

Spec Book

11

Unit System

English

Work Type

GENC - GENERAL CONSTRUCT

Actions

Select Item Bid History Profile...

Tasks

Build Project Items

Calculate Bid Based Prices for all Items

Combine Like Cost Estimate Items

Combine Like Cost Estimate Items and Calculat...

Cost Estimate Item Cleanup

Create Profile From Estimate

Create Snapshot

Export Cost Estimates

Import Snapshot...

Item Bid History Criteria

Select Cost Estimate Items to Calculate Bid Bas...

Transition Cost Estimate to Detail Items

Validate Prequal Worktypes

Views

Attachments (0)

Default Bid History Profiles

8. Wait for green "Built Project Items Successfully" banner.

Home Previous My Pages

Overview Contingency Assignment Funding: Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Built Project Items Successfully.

Cost Estimate: 0103-02777TEST - Big Bridge over small river

General

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

Non-Construction Costs

Markups

Annualization

Parent Attributes

Associated Type

Project

Entity

0103-02777TEST

Entity Description

Big Bridge over small river

Spec Book

11

Estimate Information

Cost Estimate Name *

0103-02777TEST

Cost Estimate Descr

Big Bridge over small river

Estimate Phase

Estimated By

Cost Estimate Total

0.00

Unit System

English

Improvement Type

Work Type

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

9. Verify that items have been built and added to the project. Navigate back to the project

Home Previous My Pages DEV Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0111-01234-JTK - Road Widening and Site Line improvements On Route 79 in Madison Save ?

Project: 0111-1234-JTK

General
Cost Summary
Cost Estimate Items
Incidentals and Contingencies
Categories
Markups

Parent Attributes

Associated Type

Project

Entity

0111-1234-JTK

Entity Description

Road Widening and Site Line improvements On Route 79 in Madison

Improvement Type

Spec Book

11

Unit System

English

Work Type

GENC - GENERAL CONSTRUCTION

Estimate Information

Cost Estimate Name

0111-01234-JTK

Cost Estimate Descr

Road Widening and Site Line improvements On Route 79 in Madison

Estimate Phase

02 - Preliminary Design

Estimated By

Begin typing to search or press Enter

Cost Estimate Total

Design Build

☐

Profile

No

Estimate Type

PROG - Progress

Vendor Access

Begin typing to search or press Enter

Active

Yes

10. Select Item Pricing Worksheet to view items

Home Previous My Pages DEV Actions Help Log off

Overview Categories and Items Cost Estimate Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

Project: 0111-1234-JTK - Road Widening and Site Line improvements On Route 79 in Madison Save ?

Proposal:

General
Counties
Districts
Points
Bridge Segments
Workflow

Project Number

0111-1234-JTK

Project Description

Road Widening and Site Line improvements On Route 79 in Madison

Spec Book (Item List 11 = Engl, 10 = Metric)

11

Unit System

English

Federal Project Number

20034JTF4

Project Work Type

GENC - GENERAL CONSTRUCTION

Project Item Total

State Project Number

0111-1234

Project Engineer

AG - Alvaro Garcia

Designed By

Incidentals and Contingencies

Highway Type

03 - Urban Other Principal Arterial

Urban/Rural

U - Urban

Historical Inc and Cont-LEAVE BLANK

Primary Project County

NHVN - New Haven

Primary Project District ID

3 - District 3 - New Haven

Town 1

0075 - MADISON

Town 2

Town 3

Town 4

<div> <div>Home</div> <div>Previous</div> <div>My Pages</div> <div>DEV</div> </div> <div> <div>Actions</div> <div>Help</div> <div>Log off</div> </div>									
<div>Overview</div> <div>Categories and Items</div> <div>Fund Package Overview</div> <div>Funding: Assign to Items</div> <div>Item Alternate Summary</div> <div>Item Pricing</div> <div>Project</div>									
Project Item Worksheet									
<div> <div>Project: 0111-1234-JTK - Road Widening and Side Lane improvements On Route 79 in Madison</div> <div>Save</div> <div>?</div> </div>									
Project Item Total									
3,123,646.77									
<div> <div>Q</div> <div>Type search criteria or press Enter</div> <div>System Default</div> <div>Showing 71 of 71</div> </div>									
<div> <div>0 added</div> <div>0 marked for deletion</div> <div>0 changed</div> </div>									
Call ID	Proj Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Proj Ind	
0001	0010	0005PARA	INFLATION PARAMETRIC ITEM	LS	1.000		307,364.60000		307,364.60
0001	0020	0201001	CLEARING AND GRUBBING	LS	1.000		100,000.00000		100,000.00
0001	0030	0202000	EARTH EXCAVATION	c.y	12,000.000		33,280.00		399,360.00
0001	0040	0202100	ROCK EXCAVATION	c.y	200.000		108,870.00		21,774.00
0001	0050	0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	20.000		140,260.00		2,805.20
0001	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.f	1,000.000		4,180.00		4,180.00
0001	0070	0209001	FORMATION OF SUBGRADE	s.y	9,000.000		3,860.00		34,740.00
0001	0080	0210821	WATER POLLUTION CONTROL	est	1,000.000		1,000.00		1,000.00
0001	0090	0213100	GRANULAR FILL	c.y	500.000		73,320.00		36,660.00
0001	0100	0219001	SEDIMENTATION CONTROL SYSTEM	l.f	2,500.000		7,310.00		18,275.00
0001	0110	0304002	PROCESSED AGGREGATE BASE	c.y	700.000		77,490.00		54,243.00
0001	0120	0305000	PROCESSED AGGREGATE	ton	1,000.000		74,780.00		74,780.00
0001	0130	0406002	TEMPORARY PAVEMENT	s.y	250.000		65,100.00		16,275.00
0001	0140	0406171	HMA 50.5	ton	5,000.000		204,660.00		1,023,300.00
0001	0150	0406236	MATERIAL FOR TACK COAT	gal	500.000		22,720.00		11,360.00
0001	0160	0406314	30 MIL PAVEMENT MARKING GROOVE 5" WIDE	l.f	3,000.000		1,430.00		4,290.00
0001	0170	0406600	MATERIAL TRANSFER VEHICLE	ton	5,000.000		7,720.00		38,600.00
0001	0180	0406809	E-TICKETING (BITUMINOUS CONCRETE)	LS	1.000		50,000.00000		50,000.00
0001	0190	0406999	ASPHALT ADJUSTMENT COST (ESTIMATED COST)	est	1,000.000		1,000.00		1,000.00
0001	0200	0409001	FINE MILLING OF BITUMINOUS CONCRETE (8" TO 4")	s.y	3,000.000		11,380.00		34,140.00
0001	0210	0506001.10	TYPE "C" CATCH BASIN - 8' x 10' DFFB	ea	7.000		5,064.00000		35,778.18

Update Project Fund Packages (Completed by Contract Development)

- Navigate to the General Tab on the Project Summary Screen (1)
- Select “Fund Package Overview” along the main navigation header (2)

Home

Previous

My Pages

Actions

Help

Log off

Overview

Categories and Items

Cost Estimate

Fund Package Overview

Funding: Assign to Items

Item Alternate Summary

Item Pricing

Item Worksheet

Wage Decisions

Project Summary

Project: 0056-0321 - Drainage Replacement on U.S. Route 1

Save

?

Proposal:

General

Countries

Districts

Points

Road Segments

Bridge Segments

Workflow

1

Project Number

0056-0321

Project Description

Drainage Replacement on U.S. Route 1

Spec Book (Item List 11 = Engl, 10 = Metric)

11

Unit System

English

Federal Project Number

Project Work Type

HWAY - HIGHWAY

Project Item Total

638,654.57

State Project Number

Project Engineer

Designed By

Id

2301

Created By

Incidentals and Contingences

Historical Inc and Cont-LEAVE BLANK

Primary Project County

FRFD - Fairfield

Primary Project District ID

3 - New Haven

Town 1

0056 - GREENWICH

Town 2

Town 3

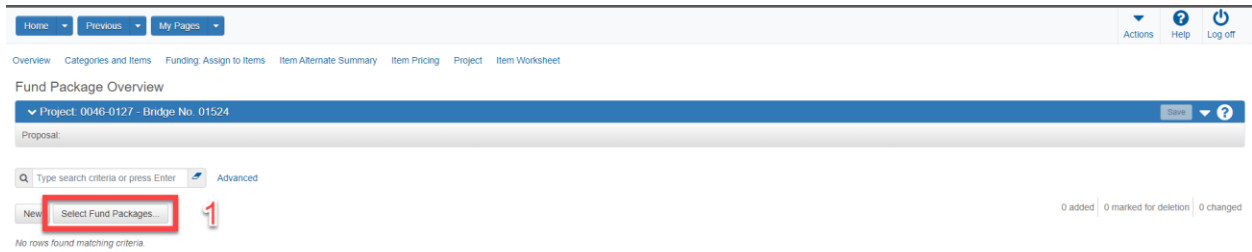
Town 4

Town 5

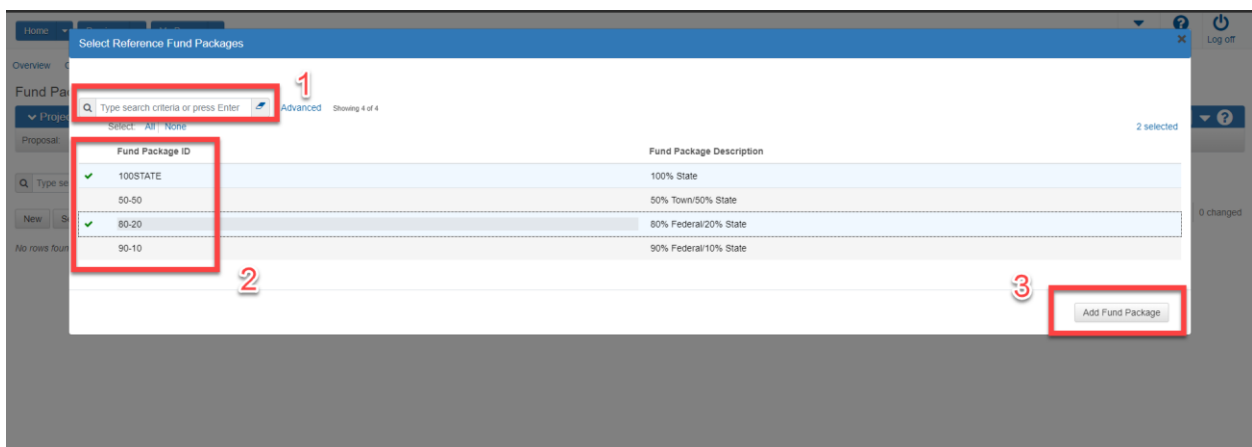
Town 6

Controlling Project

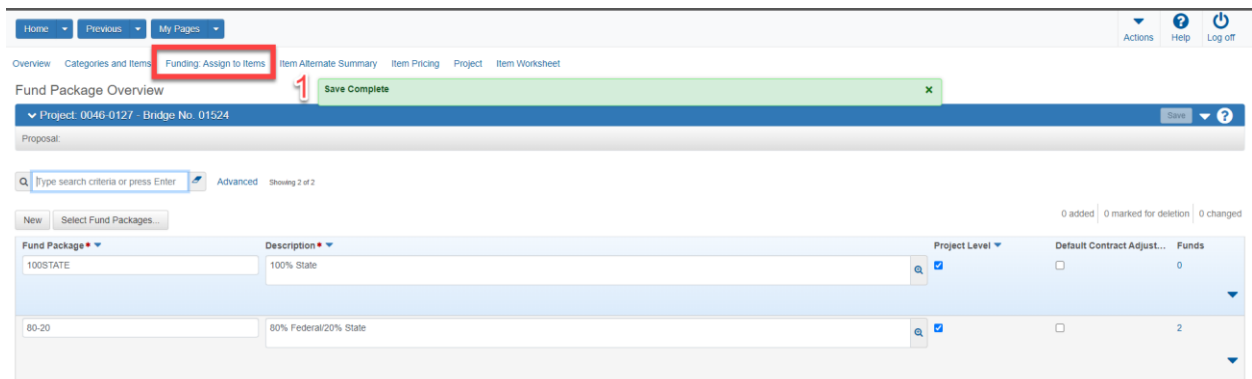
- Click on “Select Fund Packages” button (1)



4. Type Fund Package ID into search bar or press enter for all fund packages (1)
5. Select individual fund packages for assignment to the project (2)
6. Select "Add Fund Package" (3)



7. Select "Funding Assign to Items" (1)



8. Assign funds by selecting all project items, asset categories or individual items (1).
9. Click "Save" (2)

Project Funding Assignment

▼ Project: 0046-0127 - Bridge No. 01524

Save ?

Proposal:

All Project Items

- 01-01524 - Route 191 over the Scaritic River in East Windsor
- 0010 0020903 LS LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS
- 99-General - General
 - 0020 0201001 LS CLEARING AND GRUBBING
 - 0030 0202000 c.y. EARTH EXCAVATION
 - 0040 0202452 ea. TEST PIT

Mixed	<input type="radio"/>	None	<input type="radio"/>	A	<input type="radio"/>	B	<input type="radio"/>
Mixed	<input type="radio"/>	None	<input type="radio"/>	A	<input checked="" type="radio"/>	B	<input type="radio"/>
Mixed	<input type="radio"/>	None	<input type="radio"/>	A	<input type="radio"/>	B	<input checked="" type="radio"/>
	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input checked="" type="radio"/>
	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input checked="" type="radio"/>

Fund Package	Description	Funds
(A) 100STATE	100% State	0
(B) 80-20	80% Federal/20% State	2

0 changed | Expand All