

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:

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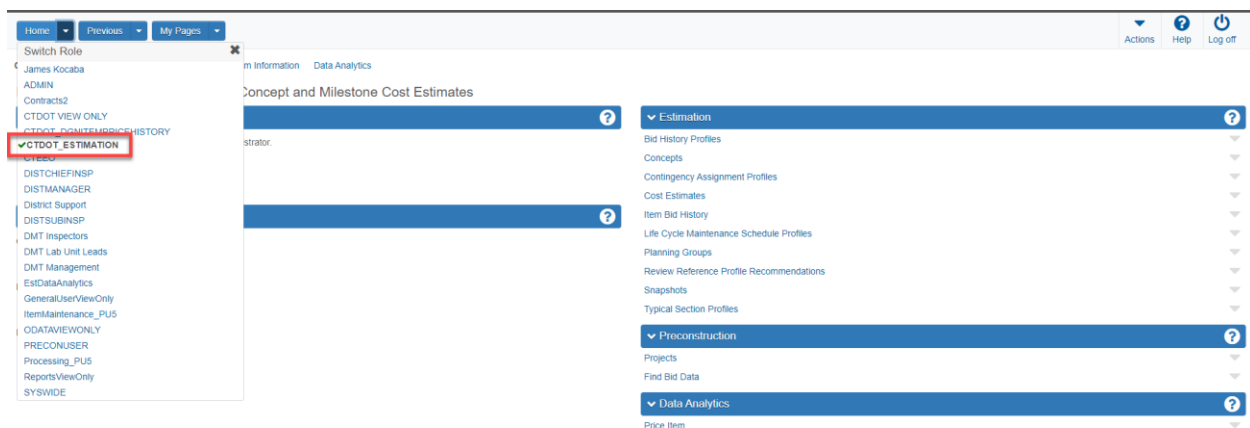
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Log into AASHTOWare Project

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

Home Previous My Pages Actions Help Log off

On this page: Estimation Preconstruction System Information Data Analytics

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

Welcome to AASHTOWare Project v4.8 ?

Please report all software inconsistencies to the administrator.

- James Kocaba (EUD)

System Information ?

Constr Management Sys ID (CMSID)
bca290c5-349d-42df-b321-3a628bc21159

Product Version
4.8 Revision 023

Database Version
4.8.023

Estimation ?

- Bid History Profiles
- Concepts
- Contingency Assignment Profiles
- Cost Estimates
- Item Bid History
- Life Cycle Maintenance Schedule Profiles
- Planning Groups
- Review Reference Profile Recommendations
- Snapshots
- Typical Section Profiles

Preconstruction ?

Projects

Data Analytics ?

Price Item

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

Home Previous My Pages Actions Help Log off

Project Overview

Project Overview ?

Q Type search criteria or press Enter CreatedDate Showing 50 of 1908

2 Actions

1 Save

Project Number	Proposal	Descr	Project Engineer	Project Work Type	Phase
0149-0088		SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK		GENC - GENERAL CONSTRUCT	10-DesignEstimates
0052-0093		Replacement of Bridge No 01547 Carrying Route 207 over Beaver Brook	CMP - Christopher Patria	STRS - STRUCTURAL STEEL	10-DesignEstimates
0047-0121		Route 140 Intersection Improvements at Burbank Road		GENC - GENERAL CONSTRUCT	10-DesignEstimates
0046-0127		Replacement of Bridge No. 01524 carrying CT Route 191 over the Scantic River in East Windsor.	SMS - Stephen M Smith, x	STRS - STRUCTURAL STEEL	10-DesignEstimates
0141-0157	0141-0157	REPLACEMENT OF BRIDGE NO. 02128 ROUTE 12 OVER SUNSET HILL BROOK TOWN OF T	MT - Mikhail Thomas	GENC - GENERAL CONSTRUCT	30-Processing-Contract
0103-0277		Replacement of Bridge No 00279 carrying Lawler Lane over I-395		STRS - STRUCTURAL STEEL	10-DesignEstimates
0056-0321		Drainage Replacement on U.S. Route 1		HWAY - HIGHWAY	10-DesignEstimates
0174-0435		Traffic Signal Safety and Technology Enhancements - District 4		TRFP - PERMANENT TRAFFIC C	10-DesignEstimates
0171-0494	0171-0494	Wrong Way Pavement Markings - Secondary Roadways	KNJ - khadiza.jannat@ct.gov	PVMK - PAVEMENT MARKING	
0172-0507	0172-0507	Signing and Pavement Marking Installations at Unsignalized State Road Intersections in District 2	ONAE - obesebea.aye-addo@ct.gov	SIGN - SIGNS	20-Processing
0301-0195	0301-0195	Darien Railroad Station Improvements	BSMe - Brett McKiernan@ct.gov	FACL - FACILITIES	20-Processing
0108-0189	0108-0189	Moosup Valley State Park Trail	SARe - Scott.Roberts@ct.gov	LAND - LANDSCAPING, PARKS,	20-Processing
0173-0533	0173-0533	Wrong Way Pavement Markings - Secondary Roadways - District No. 3	KNJ - Khadiza Jannat	PVMK - PAVEMENT MARKING	20-Processing
0172-0517	0172-0517-R1	Metallizing of 19 Bridges Along I-395 Corridor Between Thompson and Montville	SM - Susan Momeault, x	PANT - BRIDGE PAINTING	40-Contracts-Advert
0172-0526	0172-0526	Wrong Way Pavement marking - Secondary Roadways	KNJ - Khadiza Jannat	PVMK - PAVEMENT MARKING	20-Processing
0174-0465	0174-0465	Wrong Way Pavement Markings on Secondary Roadways in D4	KNJ - Khadiza Jannat	PVMK - PAVEMENT MARKING	40-Contracts-Advert

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.

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)

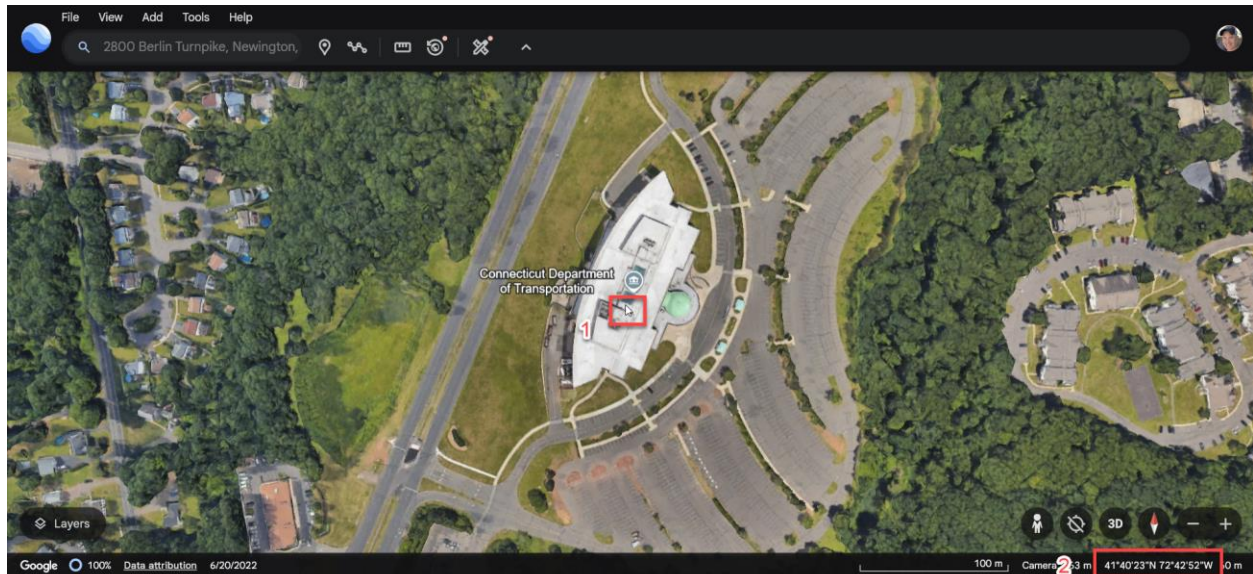
The screenshot shows the 'Project Summary' page for project '0777-0777-TST'. The left sidebar has a 'Points' menu item highlighted with a red box and number 1. The main area shows a 'New' midpoint entry form. The 'Feature' dropdown is highlighted with a red box and number 2. The 'Description' field is highlighted with a red box and number 3. The 'Latitude' field is highlighted with a red box and number 4. The 'Longitude' field is highlighted with a red box and number 5. The 'Save' button is highlighted with a red box and number 6. The 'Overview' button in the top navigation bar is highlighted with a red box and number 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.

The screenshot shows the 'External Links' section of the 'PROJECT In-house Design Role for Concept and Milestone Cost Estimates'. The 'Google Earth Web' link is highlighted with a red box and number 1. The page also shows a 'System Information' section with details about the system ID, product version, and database version.

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					
TEST9998	TEST9998				
Project Number	Proposal	Descr	Project Engineer	Project Work Type	Phase
TEST999	TEST999				
TEST20230318	Test			ASPH - ASPHALT PAVING	
0045-0127	Replacement of Bridge 01524			STRS - STRUCTURAL STEEL	
Test002	Traffic Project Template				
0999-0999	Dec 14 2022 TEST			ERTH - EARTHWORK	
TEST001	Traffic Project Template				

- Select "General"
- Enter project information. The red boxes indicate the required data to be provided on this screen. If multiple projects are integrated into one contract, please select which project is the controlling project.

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 1

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

Project Number
TEST9998

Project Description *
TEST9998

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
2331

Created By
CONNDOT\kocabaj

Created Date
03/20/2023 9:24:40 AM

Incidentals and Contingences

Highway Type

Historical Inc and Cont-LEAVE BLANK

Primary Project County
HTFD - Hartford

Primary Project District ID
2 - Norwich

Town 1

Town 2

Town 3

Town 4

Town 5

Town 6

Controlling Project

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.

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

New BridgeSegmentDeckArea

Id

Bridge Number

Description

Structure Type

Deck Area (sf)

Category ID

Comment

Save

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

Project Summary

Project: TEST9998 - TEST9998

Proposal:

General

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

Workflow

Standard ConnDOT Workflow

WorkflowPhase

10-Cost Estimate Phases

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

100-Preconstruction Activities completed

100-Preconstruction Activities completed

Save

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. 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 a web application interface for creating a blank cost estimate. The top navigation bar includes links for Home, Previous, My Pages, Actions, Help, and Log off. The main navigation bar has tabs for Overview, Categories and Items, Cost Estimate (highlighted with a red box), Fund Package Overview, Funding: Assign to Items, Item Alternate Summary, Item Pricing, and Item Worksheet. The 'Project Summary' section is active, showing a dropdown for 'Project: TEST20221005 - Asset Info' and a 'Save' button. The form is divided into three columns: General, Project Description, and Incidentals and Contingences. The General column includes fields for 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. The Project Description column includes fields for Incidentals and Contingences, Historical Inc and Cont-LEAVE BLANK, Primary Project County (LTFD - Litchfield), and Primary Project District ID (5 - Statewide (Brewery Street, New Haven)). The Incidentals and Contingences column includes dropdowns for Town 1 through Town 6.

2. Enter all necessary cost estimate information

- a. Construction Year (1)
 - b. Estimated Date (2)
 - c. Letting Date (3)
 - d. Highway Type (4)
 - e. Season (5)
 - f. Terrain (6)
3. Click “Save” (7)

Home Previous My Pages Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

▼ Project: 0046-0127 - Bridge No. 01524 7 Save ?

Proposal:

General	Project Number 0046-0127	Primary Project County HTFD - Hartford
Cost Estimates	Project Description Bridge No. 01524	Primary Project District ID 2 - Nonrich
	Spec Book (Item List 11 = Engl, 10 = Metric) 11	Urban/Rural Urban/Rural
	Unit System English	Project Work Type

1

2

3

4

5

6

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

Home Previous My Pages Actions Help Log off

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 Save ?

Proposal:

General	Type search criteria or press Enter Advanced Show All	
Cost Estimates	1 2 Add	

No rows found matching criteria.

0 marked for deletion | 0 changed

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 Save (5)

Home
Previous
My Pages

Actions
Help
Log off

Overview

Add Cost Estimate

Project: 0008-8888-TST - Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024
5
Save
?

Parent Attributes

Entity	Unit System
0008-8888-TST	English
Entity Description	
Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024	
Spec Book (Item List 11 = Engl, 10 = Metric)	Improvement Type
11	

Estimate Information

Cost Estimate Name
1

Cost Estimate Descr
2

Estimate Phase
3

Estimated By
Begin typing to search or press Enter

Cost Estimate Total
4

Design Build
☐

Profile

Budget Class

Lanemiles

Estimate Type

Vendor Access
Begin typing to search or press Enter

Additional Information

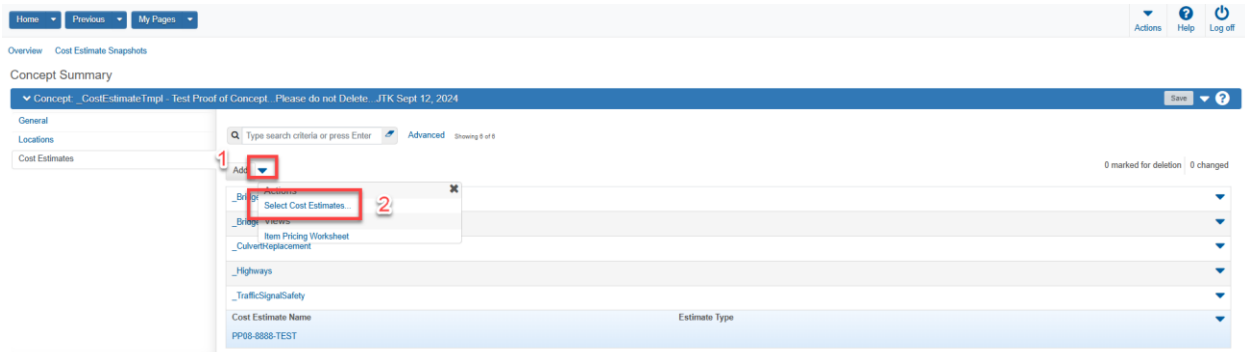
Bid Based

Cost Based

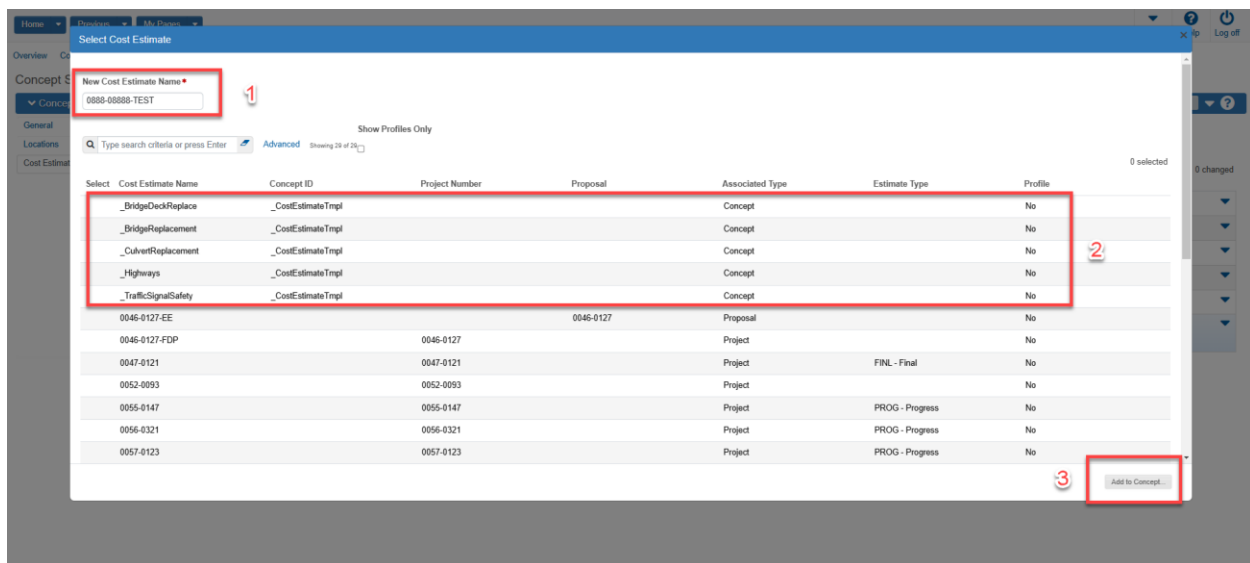
Labor Rate Class
Equipment Rate Class
Material Rate Class
Davis/Bacon Indicator
☐

Copy Cost Estimate Template

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



4. Enter new cost estimate name. Cost estimate name is typically the same as the project or concept name. (1)
5. Select a project type cost estimate template (2)
6. Select “Add to Concept” or “Add to Project” (3). Save complete message is displayed along with a warning message. This warning message is expected due to blank item quantities and can be closed.



Home Previous My Pages

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

Cost Estimate Name	Estimate Type	Cost Estimate Total	Active	Price Control
TEST9998		0.00	Yes	☒

0 marked for deletion 0 changed

2. Revise cost estimate description (1)
3. Modify cost estimate phase (2)
4. Choose estimated by (3)
5. Select estimate type (4)
6. Select save (5)

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: 0688-8888 - Highway Design Cost Estimate Template. Please do not modify. Based Upon 0046-0121

Concept _CostEstimateTempl

General

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Categories

Markups

Parent Attributes

Associated Type

Concept

Entity

_CostEstimateTempl

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 *

0688-8888

Cost Estimate Descr

Highway Design Cost Estimate Template. Please do not modify. Based Upon 0046-0121.

Estimate Phase

Estimated By

Design Build

☐

Profile

No

Lanemiles

Estimate Type

Vendor Access

Begin typing to search or press Enter

Snapshot Tracking Percentage

Active

Yes

Additional Information

Bid Based

Cost Based

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)

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: TEST9998 - Asset Category Template

General 1

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

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

Unit System
English

Improvement Type

Work Type

Design Build
☐

Profile
No

Budget Class

Lanemiles

Estimate Type

Vendor Access
Begin typing to search or press Enter

Actions 2

Select Item Bid History Profile... 3

Tasks

- Build Project Items
- Calculate Bid Based Prices for all Items
- Combine Like Cost Estimate Items
- Combine Like Cost Estimate Items and Calculat...
- Create Profile From Estimate
- Create Snapshot
- Export Cost Estimates
- Import Snapshot...
- Item Bid History Criteria
- Select Cost Estimate Items to Calculate Bid Ba...
- 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

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

Home Overview

Select Item Bid History Profile

Q Type search criteria or press Enter Advanced Showing 4 of 4 1 selected

Bid History Profile	Description	User Defined	Cost Estimate Name
1YRENG	1 Year English Bid History Profile	No	
3YRENG	3 Year English Bid History Profile	No	
3YRENGCOPY	3 Year English Bid History Profile	No	
5YRENG	5 Year English Bid History Profile	No	

2

Copy Profile to Cost Estimate

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

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

0 marked for deletion 0 changed

Cost Estimate Name	Estimate Type
PP08-8888-TEST	

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

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

Non-Construction Costs

Markups

Annualization

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

0 added 0 marked for deletion 0 changed

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

1 added 0 marked for deletion 0 changed

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

1 added 0 marked for deletion 0 changed

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

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

New Select Items...

Showing 2 of 2

6. Double click on "Supp Descr" if required
7. Enter "*** See Special Provisions ***" (1)
8. Select Apply (2)

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				

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

9. Select Save

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

There are unsaved changes.

Save

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

Total Cost Estimate Items

1 added	0 marked for deletion	0 changed							
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	
Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
0097	30	0900020	CONSTRUCTION SURVEYING	LS	1.000			Yes	

New Select Items...

Showing 2 of 2

Add Multiple Cost Estimate Items

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

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 Showing 3 of 3

Total Cost Estimate Items

0.00

0 added	0 marked for deletion	0 changed						
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

New Select Items...

Showing 3 of 3

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Select Items

Type search criteria or press Enter System Default

Select: All None

0 selected

Enter search criteria above to see results or Show first 10

Add to Cost Estimate Item

No rows found matching criteria.

0 added 0 marked for deletion 0 changed

Showing 0 of 0

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

1

Select Items

Q concrete Advanced Showing 50 of 579

Select: All None

0 selected

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
01000336	CARL F. TROVICH HIGH DENSITY POLYMER CONCRETE	l.f. - Linear Foot

Add to Cost Estimate Item

2

Select Items

Q 0971001 Advanced Showing 1 of 1

Select: All None

0 selected

Item	Descr	Unit
0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS - LUMP SUM

Add to Cost Estimate Item

3

Select Items

Q 0601 Advanced Showing 50 of 376

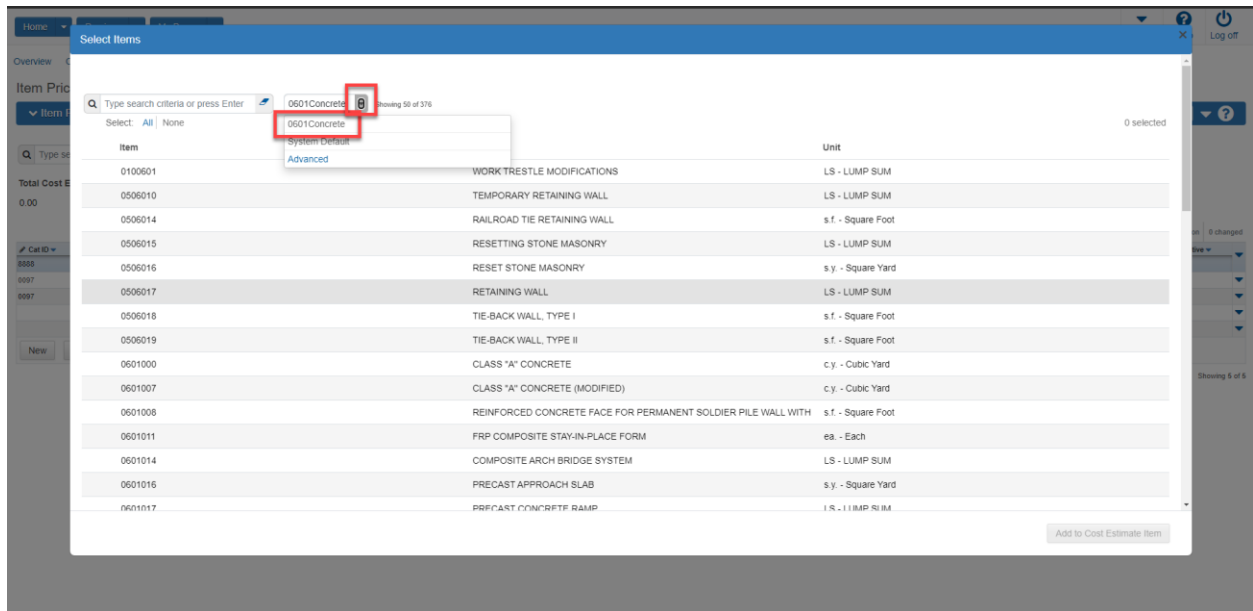
Select: All None

0 selected

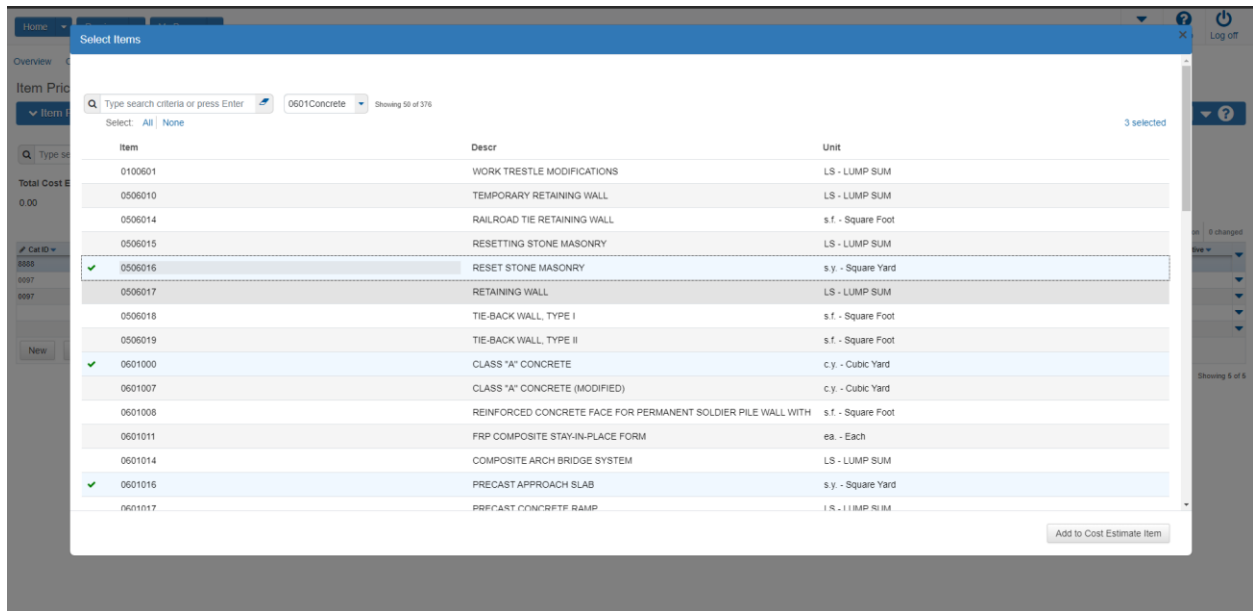
Item	Descr	Unit
0100601	WORK TRESTLE MODIFICATIONS	LS - LUMP SUM
0506010	TEMPORARY RETAINING WALL	LS - LUMP SUM
0506014	RAILROAD TIE RETAINING WALL	s.f. - Square Foot
0506015	RESETTING STONE MASONRY	LS - LUMP SUM
0506016	RESET STONE MASONRY	s.y. - Square Yard
0506017	RETAINING WALL	LS - LUMP SUM
0506018	TIE-BACK WALL, TYPE I	s.f. - Square Foot
0506019	TIE-BACK WALL, TYPE II	s.f. - Square Foot
0601000	CLASS "A" CONCRETE	c.y. - Cubic Yard
0601007	CLASS "A" CONCRETE (MODIFIED)	c.y. - Cubic Yard
0601008	REINFORCED CONCRETE FACE FOR PERMANENT SOLDIER PILE WALL WITH	s.f. - Square Foot
0601011	FRP COMPOSITE STAY-IN-PLACE FORM	ea. - Each
0601014	COMPOSITE ARCH BRIDGE SYSTEM	LS - LUMP SUM
0601016	PRECAST APPROACH SLAB	s.y. - Square Yard
0601017	PRECAST CONCRETE RAMP	LS - LUMP SUM

Add to Cost Estimate Item

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



4. Select multiple items as needed



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)

Cost Estimate Summary

Project: 0999-0999_TST

Total Cost Estimate Items: 0.00

Q: Type search criteria or press Enter ItemNoSortLH Showing 2 of 2

0 added 0 marked for deletion 0 changed

Line	Item	Unit	Price	Type	Detail	Ext Amt	Active
1	0202000 EARTH EXCAVATION	c.y.		Detail			Yes
2	1001001 TRENCHING AND BACKFILLING	l.f.		Detail			Yes

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

Cost Estimate Summary

Project: 0999-0999_TST

Non-Construction Costs

Markups

0 added 0 marked for deletion 0 changed

Line	Item	Unit	Price	Type	Detail	Ext Amt	Active
1	0202000 EARTH EXCAVATION	c.y.		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 0880Items 080CMNLS

1 0202000 EARTH EX BRDGNFilter

Quantity 1,000,000

2 1001001 TRENCHING ItemNoSortLT

2,000,000

NonBrdFilter

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

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 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	12,205.00	Detail	Yes
5	0601318	PARTIAL DEPTH PATCH	c.f.	319.91000	105,570.30	33,780,000.00	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

New

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

Unit of Measure

Q

3100012

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

LS

Supplemental Description

Q

Price Source

Active

Ad Hoc

Yes

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

Q

8888

Non-Contract Items

Preliminary Engineering

☐

Design Unit Owner

Prequalification Work Type

Parent Parametric Item

Q

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 that are added to the estimate must contribute to the total construction costs. Prior to building project items, the "Contribute to Total Construction Costs" and "Exclude from Reference Price Calculation" checkbox 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
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

Design Build
☐

Profile
No

Lanemiles

Estimate Phase
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

1 Contribute to Total Construction Cost

2 Exclude from Reference Price Calculation

Nonbid

Design Build
No

Lump Sum
Yes

Bid as Lump Sum
Yes

Cost Estimate Category ID

Preliminary Engineering

Design Unit Owner

Prequalification Work Type

Parent Parametric Item

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

Manning Entrance

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)

HomePreviousMy Pages

Cost Estimate ItemsItem Pricing WorksheetTask Groups

Reference Price Task Summary

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

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 EnterAdvanced

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

1 added0 marked for deletion0 changed

New

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				

Type search criteria or press EnterAdvanced

Showing 1 of 1

0 added0 marked for deletion0 changed

New

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	

9. Price is calculated.

HomePreviousMy Pages

Cost Estimate ItemsItem Pricing WorksheetTask Groups

Reference Price Task Summary

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

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 EnterAdvanced

Showing 1 of 1

0 added0 marked for deletion0 changed

New

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

The screenshot displays the 'Cost Estimate Summary' page for 'Project: 0999-0999-TST'. The top navigation bar includes links for 'Home', 'Previous', 'My Pages', and 'Item Pricing Worksheet' (highlighted with a red box). The main content area is divided into two columns. The left column contains a sidebar with links for 'General', 'Categories', 'Cost Summary', 'Cost Estimate Items', 'Non-Construction Costs', and 'Markups'. The right column displays the 'Parent Attributes' and 'Estimate Information' sections. The 'Parent Attributes' section includes fields for 'Associated Type', 'Project', 'Entity', 'Entity Description', 'Spec Book', 'Unit System', 'English', 'Improvement Type', and 'Work Type'. The 'Estimate Information' section includes fields for 'Cost Estimate Name', 'Cost Estimate Descr', 'Estimate Phase', 'Estimated By', and 'Cost Estimate Total'. The 'Cost Estimate Name' field is set to '0999-0999-TST'. The 'Cost Estimate Descr' field is set to 'Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.' The 'Estimate Phase' is set to '01 - Programming'. The 'Estimated By' field is set to 'CONNDOT\kocaba.j'. The 'Cost Estimate Total' field is set to '11'.

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 ?

Search: 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 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

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 Save ?

Search: Type search criteria or press Enter ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,012,037.34

Calculate Bid-Based Prices Process started at 11/14/2024 13:15:24.

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...

0 added 0 marked for deletion 0 changed

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

Col 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	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad Hoc	
0001	7	0601318	PARTIAL DEPTH PATCH	c.f.	330.000	325.25000	107,332.50	Regr...	
0001	8	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00	Regr...	
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	315,467.14000	315,467.14	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

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

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

1,139,339.64

Design Build

☐

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Annex

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	0603151	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 Pricing Worksheet Item Price Calculation Completed 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	0603151	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 with a red box and the number 1. In the main form area, the 'New' button is highlighted with a red box and the number 2. Below it, the 'Non-Construction Cost Name' dropdown menu is highlighted with a red box and the number 3. The 'Non-Construction Cost Description' dropdown menu is highlighted with a red box and the number 4. The 'Percent of Total Estimate' dropdown menu is highlighted with a red box and the number 5. The 'Active' checkbox is highlighted with a red box and the number 6. Finally, the 'Save' button in the top right corner is highlighted with a red box and the number 7.

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 callout 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 (callout 2) is located above the table. The table has a row for 'New Non Construction Cost' with fields for 'Non Construction Cost Name' (callout 3), 'Non Construction Cost Description' (callout 4), 'Percent of Total Estimate' (callout 5), 'Non Construction Cost Amount', and 'Active' (callout 6). A 'Save' button (callout 7) is in the top right corner.

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.

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 x (1.83x0.065) = \$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

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

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

3. Select New

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

1,130,991.78

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001	3	0620801	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	

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

CatID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001	3	0620801	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	99,603.00 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

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

CatID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001	3	0620801	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	99,603.00 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		

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	99,603.00 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	▼
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 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	99,603.00 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	▼
0001	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001		0001PARA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000	150,000.00000	150,000.00		Yes	▼

New Select Items...

Showing 8 of 8

Reference Percentge

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
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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		Bid Based		☐
0001	1	0201001	CLEARING AND GRUBBING	LS	1.000		Reference		
0001	2	0202000	EARTH EXCAVATION	c.y.	12.000.000	33.28000	Cost Based		
0001	3	0202100	ROCK EXCAVATION	c.y.	200.000	108.87000	Maintain Item Price Task		
0001	4	0202315	DISPOSAL OF CONTROLLED MATERIALS	ton	20.000	140.26000		2,805.20	Regre...
0001	5	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	l.e.	1.000.000	4.18000		4,180.00	Regre...
0001	6	0209001	FORMATION OF SUBGRADE	s.y.	9.000.000	3.86000		34,740.00	Regre...
0001	7	0210021	WATER POLLUTION CONTROL	est.	1.000.000	1.00000		1,000.00	Average
0001	8	0213100	GRANULAR FILL	c.y.	500.000	73.32000		36,660.00	Regre...
0001	9	0219001	SEDIMENTATION CONTROL SYSTEM	l.e.	2.500.000	7.31000		18,275.00	Regre...
0001	10	0304002	PROCESSED AGGREGATE BASE	c.y.	700.000	77.49000		54,243.00	Regre...
0001	11	0305000	PROCESSED AGGREGATE	ton	1.000.000	74.78000		74,780.00	Regre...
0001	12	0406002	TEMPORARY PAVEMENT	s.y.	250.000	65.10000		16,275.00	Average
0001	13	0406171	HMA 50 5	ton	5.000.000	204.66000		1,023,300.00	Regre...

- Click the "New" button (1)
- Enter Description that details the perecentage calculation (2)
- Enter calculated percentage in the "Perect of" field (3)
- Click the "Active" checkbox (4)
- Click "Save" (5)

Home Previous My Pages DEV Actions Help Log off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

Cost Estimate: 0111-01234-JTK - Road Widening and Site Line improvements On Route 79 in Madison 5 Save ?

Item Information

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

Type search criteria or press Enter Advanced 1 added 0 marked for deletion 0 changed

New 1

Price Task	Description	Active	Type	Task Unit Price
Price Task	Two years at 5 percent per year = 10%	No	Use Historical Price	
Reference Price			Amount	
Description	Two years at 5 percent per year = 10%		Percent of	10.00
Item ID			Percent on top	
Spec Book		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 *

Save

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 Entity Cost Estimate Name
Categories 0999-0999-TST
Cost Summary Snapshot
Cost Estimate Items 001
Non-Construction Costs Snapshot Type
Manual
Markups Snapshot Reason
02PD - Preliminary Design
Item Pricing Worksheet Created Date
10/17/2023 10:53:57 AM

Description
Snapshot at Preliminary Design Completion - 30%

Created By
CONNDOT\kocabaj

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\kocabaj	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 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

Previous Snapshot Total

Design Build
☐

Profile
No

Estimate Type
PROG - Progress

Vendor Access
Begin typing to search or press Enter

Active
Yes

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 displays the 'Cost Estimate Summary' interface for project '0999-0999-TST'. The left sidebar contains navigation links: General, Categories, Cost Summary, Cost Estimate Items, Non-Construction Costs, and Markups. The main content area is divided into sections: 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, Previous Snapshot Total), Design Build, Profile, Budget Class, Lanemiles, Estimate Type, Vendor Access, and Snapshot Tracking Percentage. An 'Actions' dropdown menu is open on the right, showing various options. 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 at the top right of the main content area.

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 (NTDA)

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 tabs: 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.

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
0111-01234-JTK	PROG - Progress	4,473,803.48	Yes	☐
0111-1234-JTK-1	PROG - Progress	4,660,470.15	Yes	☒

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: 0103-0277TEST - Big Bridge over small river

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

General

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

Non-Construction Costs

Markups

Annualization

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

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

20Q34JTF4

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

Home Previous My Pages DEV Actions Help Log off									
Overview Categories and Items Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Project									
Project Item Worksheet									
Project: 0111-1234-JTK - Road Widening and Side Lane improvements On Route 79 in Madison Save ?									
Project Item Total									
3,123,646.77									
Type search criteria or press Enter System Default Showing 71 of 71									
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	LS	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	LS	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	LS	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 1C CATCH BASIN - 8' - 10' DFFB	ea	7.000		5,064.00000	35,728.18	

Update Project Fund Packages (Completed by Contract Development)

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

HomePreviousMy Pages

ActionsHelpLog off

OverviewCategories and ItemsCost EstimateFund Package OverviewFunding: Assign to ItemsItem Alternate SummaryItem PricingItem WorksheetWage Decisions

Project Summary

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

Proposal:

General1

Countries

Districts

Points

Road Segments

Bridge Segments

Workflow

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

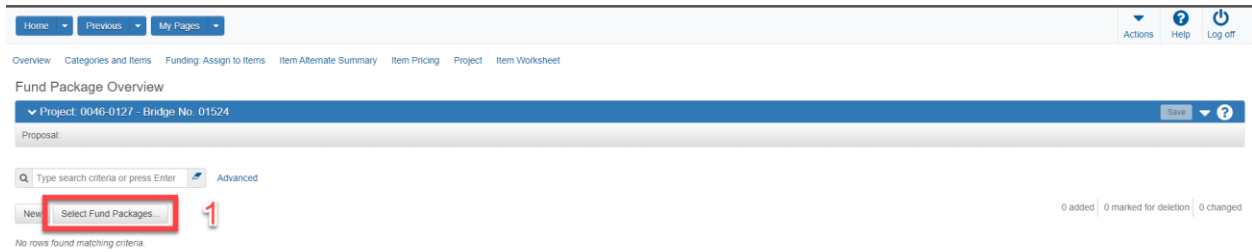
Town 4

Town 5

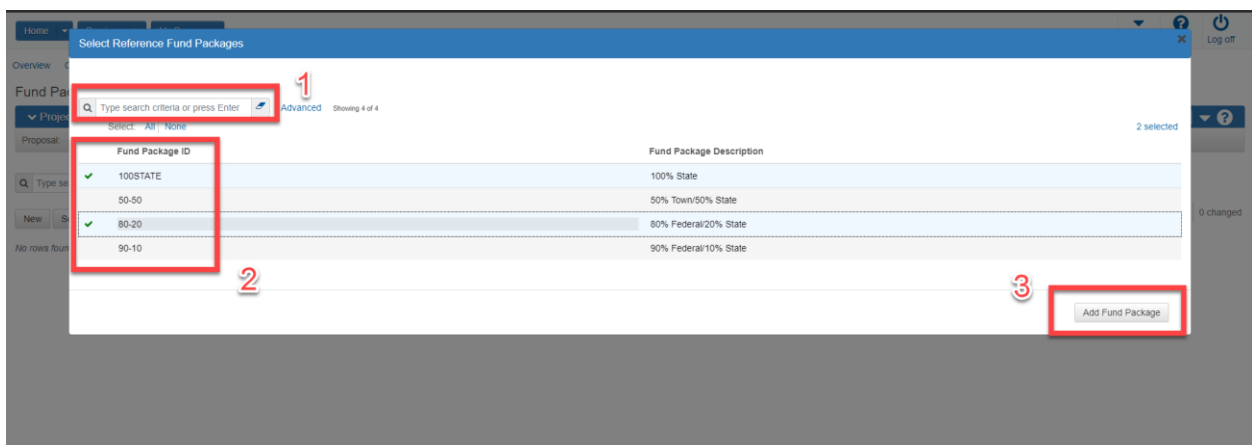
Town 6

Controlling Project

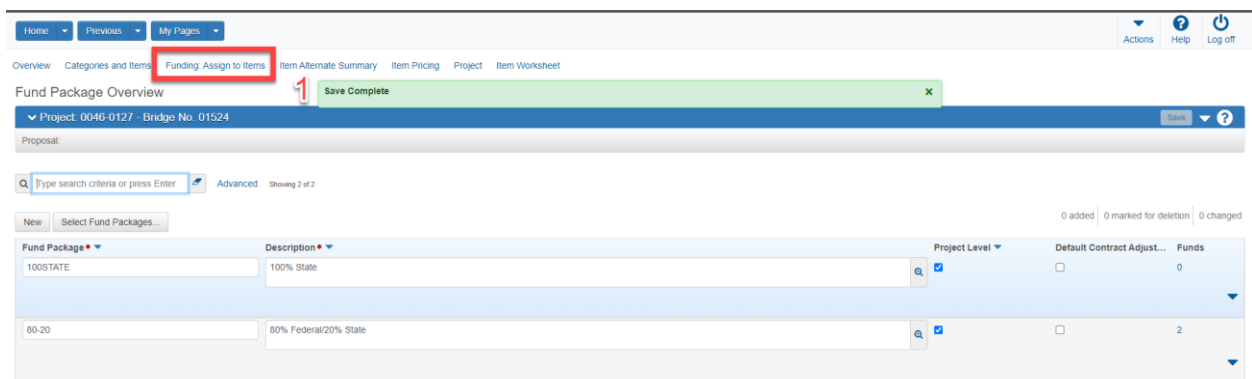
- 3. Click on “Select Fund Packages” button (1)



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

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 ☐ None ☐ A ☐ B ☐

Mixed ☐ None ☐ A ☐ B ☐

Mixed ☐ None ☐ A ☐ B ☐

Mixed ☐ None ☐ A ☐ B ☐

Mixed ☐ None ☐ A ☐ B ☐

Mixed ☐ None ☐ A ☐ B ☐

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

0 changed | Expand All

Save