

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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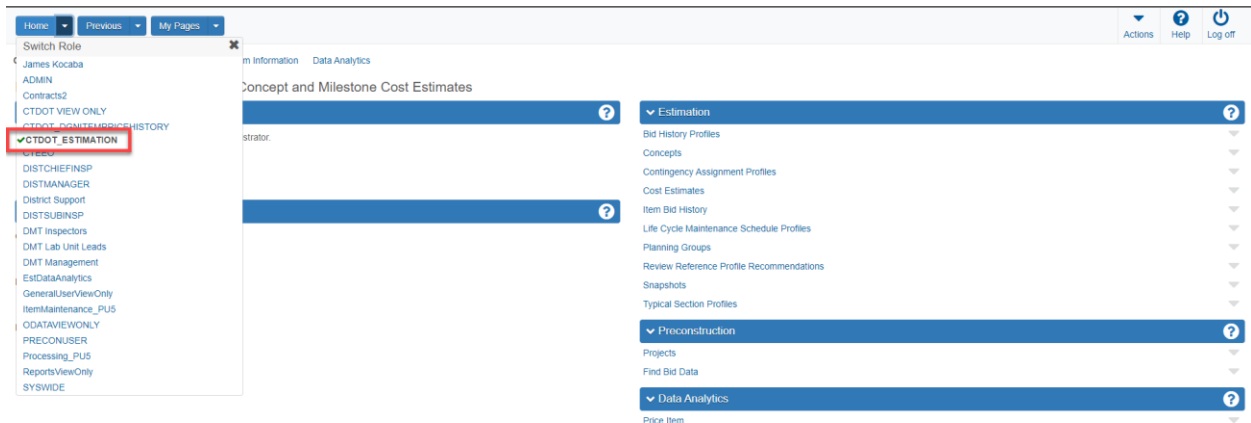
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Log into AASHTOWare Project

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

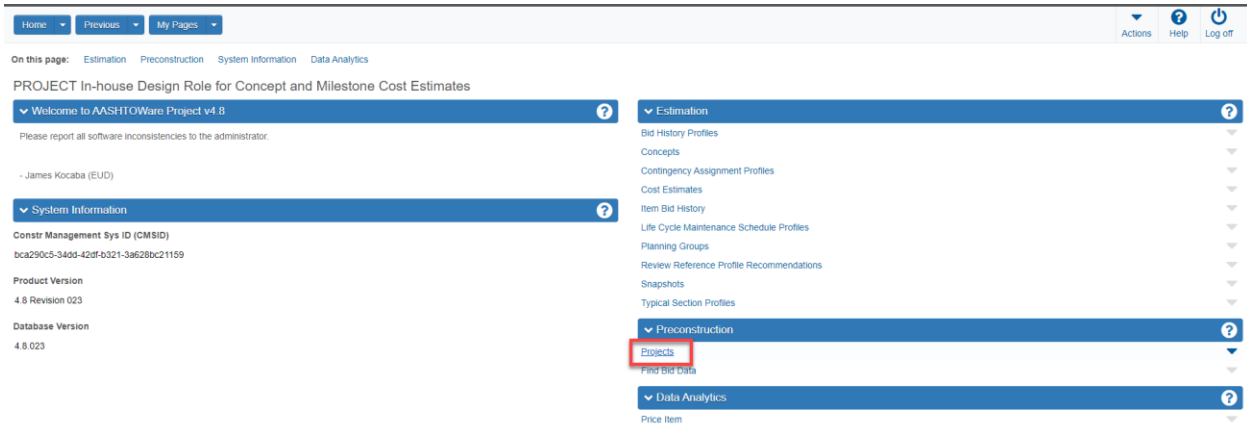


3. Select the role CT_DOT Estimation



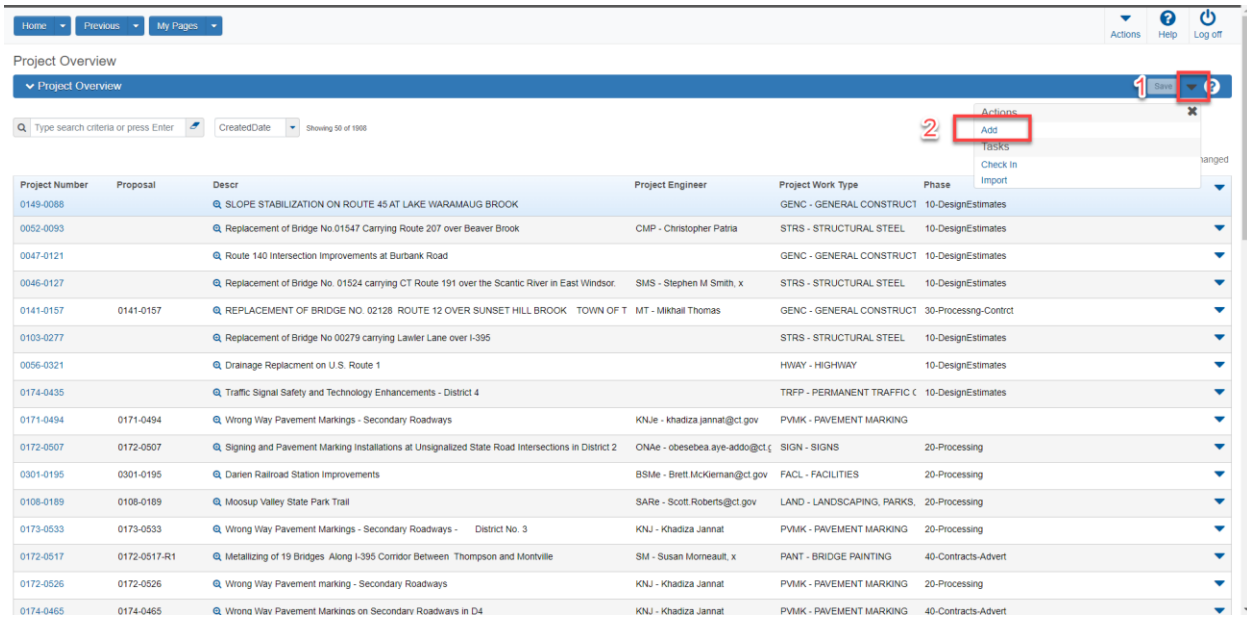
Add New Project

1. Select the Projects under the heading Preconstruction



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

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



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

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

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

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

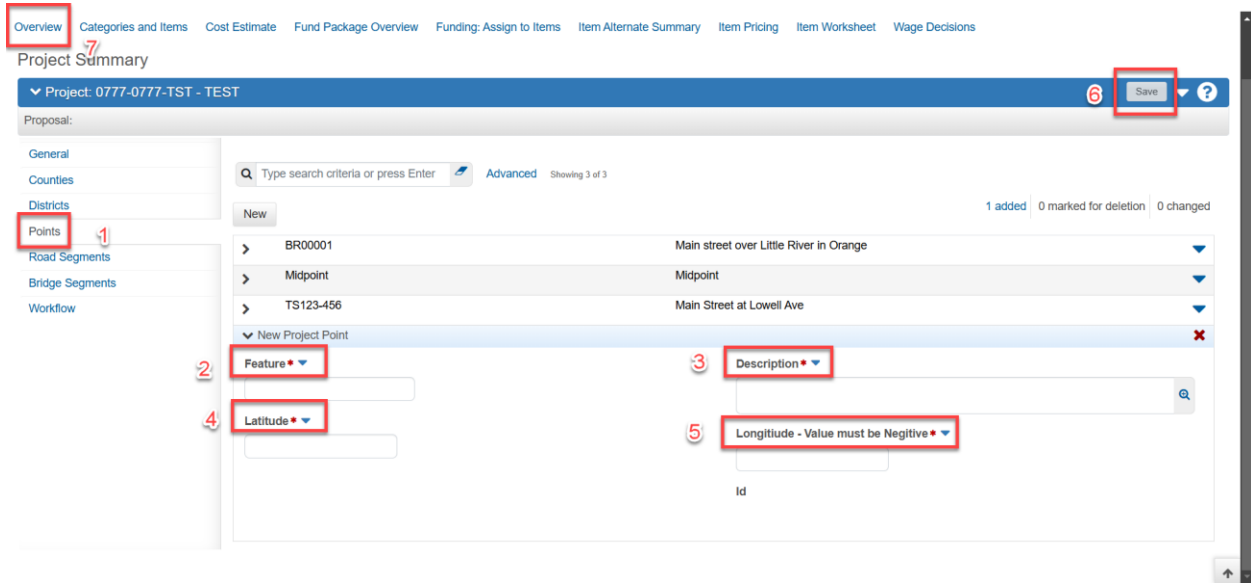
10. Select District (1)
11. Enter proper District ID, description, and select primary (2)
12. If another District is required select "New" and repeat the process. Ensure the proper county is selected a primary

Add Midpoint Data

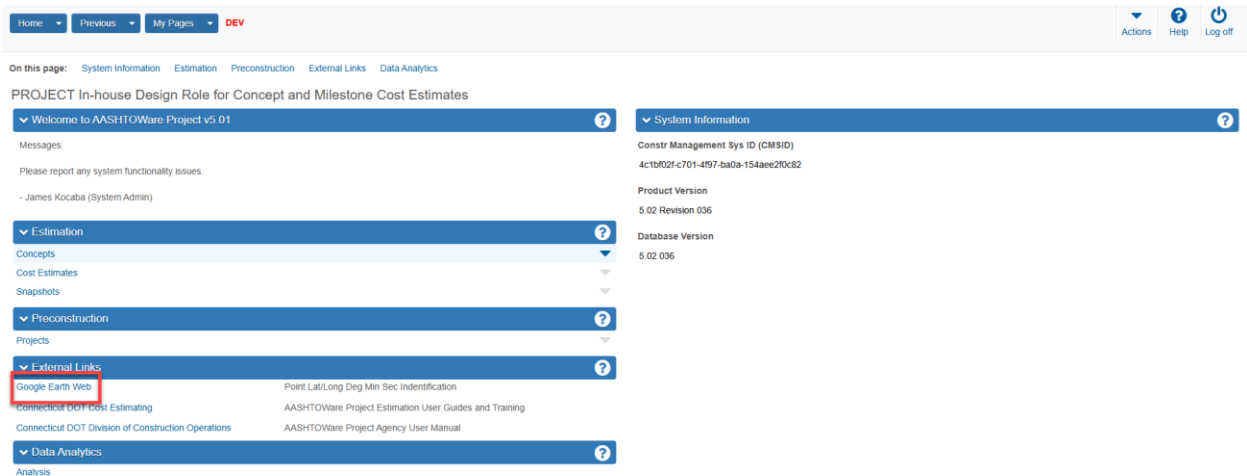
If more than one asset (Bridge or Intersection) is associated to the project, Designers must enter midpoints for each asset. Select "New" to enter an additional midpoint.

1. Select Points (1)

2. Enter feature type “MidPoint”, BRXXXXX or TSXXXXXX into the Type field (2).
3. Enter feature description or “MidPoint into the Description field (3)
4. Enter feature latitude in Deg Min and Sec (XX:XX:XX.XX) (4)
5. Enter feature longitude in Deg Min and Sec (XX:XX:XX.XX) (5)
6. Select “Save” (6)
7. Select Overview (7)

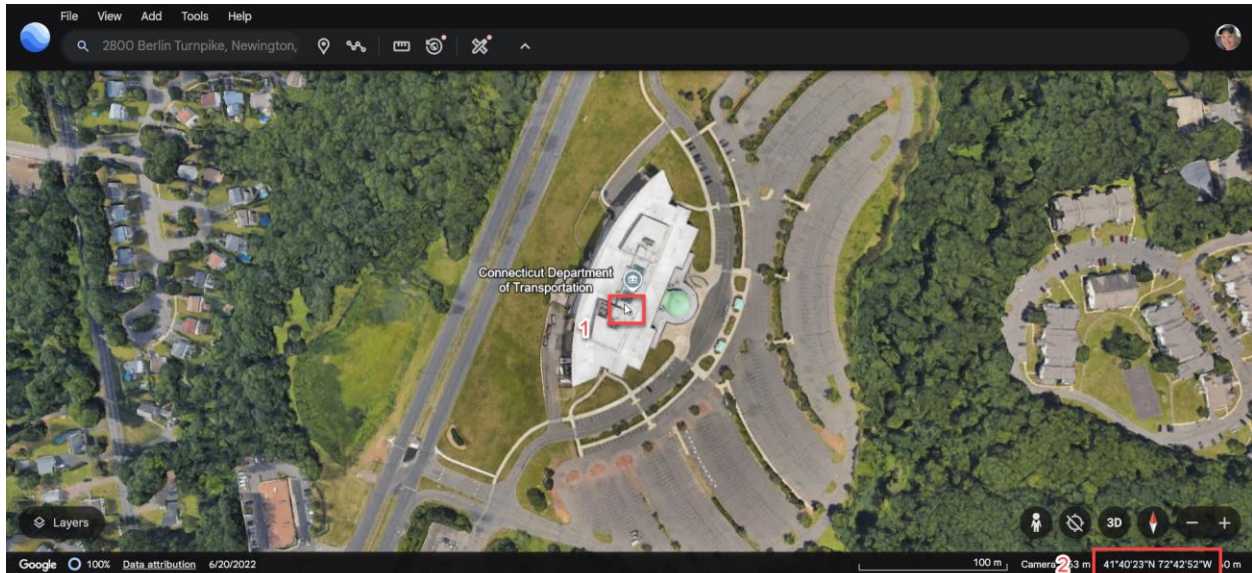


Asset feature latitudes and longitudes can be located with the use of Google Earth Web. Navigate to the home screen and select Google Earth Web (1) in the external links header.



1. Navigate to the project or feature midpoint on Google Earth Web
2. Hover pointer over selected midpoint or feature (1)
3. Take note of latitude and longitude in the lower right corner of the screen. (2)

4. 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

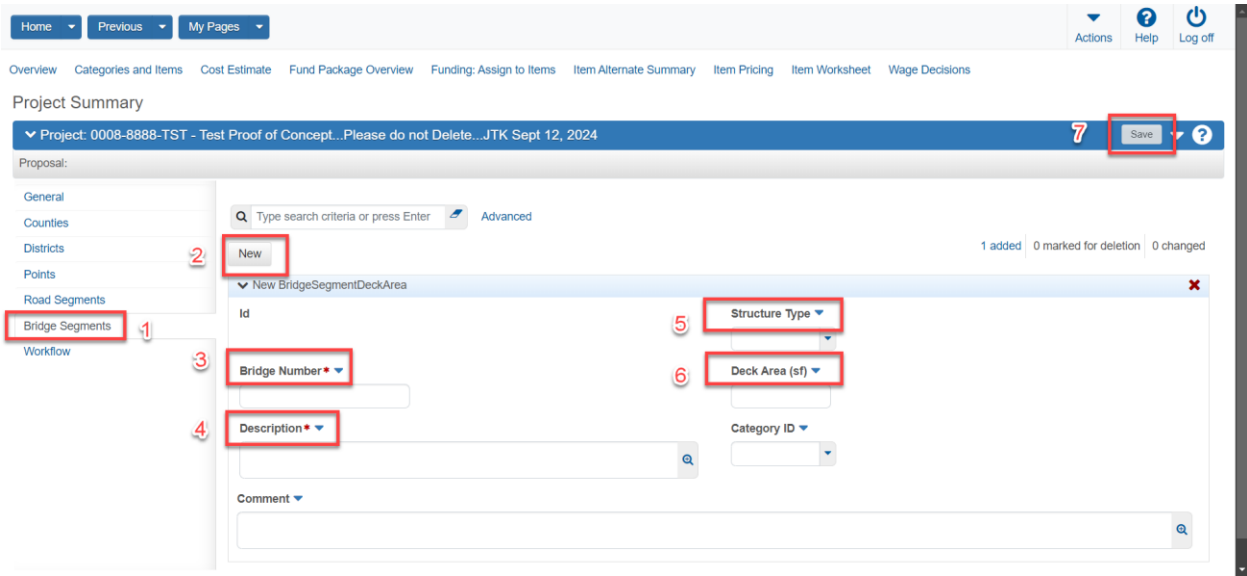
1. Select proper Project

Project Number	Proposal	Descr	Project Engineer	Project Work Type	Phase
TEST9998		TEST9998			
TEST999		TEST999			
TEST20230318		Test		ASPH - ASPHALT PAVING	
0046-0127		Replacement of Bridge 01524		STRS - STRUCTURAL STEEL	
Test002		Traffic Project Template			
0999-0999		Dec 14 2022 TEST		ERTH - EARTHWORK	
TEST001		Traffic Project Template			

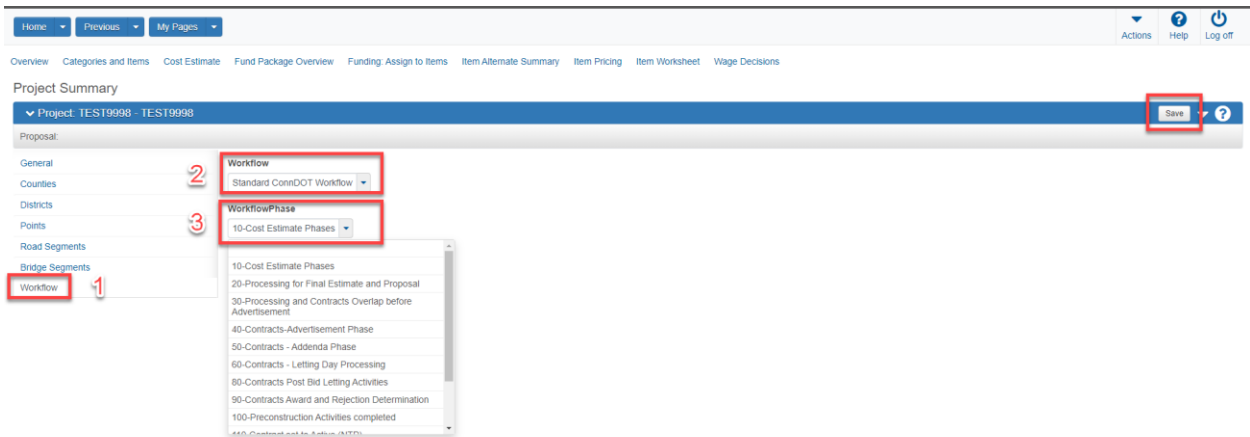
2. Select "General"
3. Enter project information. The red boxes indicate the required data to be provided on this screen. If multiple projects are integrated into one contract, please select which project is the controlling project.

The screenshot displays a 'Project Summary' form for project TEST9998. The form is organized into three main columns. The left column contains a navigation menu with tabs: General (highlighted with a red box and a red '1'), Counties, Districts, Points, Road Segments, Bridge Segments, and Workflow. The middle column contains the following fields: Project Number (TEST9998), Project Description (TEST9998), Spec Book (Item List 11 = Engl, 10 = Metric) (11), Unit System (English), Federal Project Number, Project Work Type (highlighted with a red box), Project Item Total, State Project Number (highlighted with a red box), Project Engineer (highlighted with a red box), Designed By, Id (2331), Created By (CONNDOT\kocaba), and Created Date (03/20/2023 9:24:40 AM). The right column contains the following fields: Incidentals and Contingences, Highway Type (highlighted with a red box), Historical Inc and Cont-LEAVE BLANK, Primary Project County (HTFD - Hartford), Primary Project District ID (2 - Norwich), Town 1 (highlighted with a red box), Town 2, Town 3, Town 4, Town 5, Town 6, and Controlling Project (highlighted with a red box).

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.



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



Create Project Cost Estimate

1. Select "Cost Estimate"

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)

4. Select "Cost Estimates" (1)

5. Select the drop down arrow to the right of "Add" (2)

Home Previous My Pages

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

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

Proposal:

General

Cost Estimates 1

Type search criteria or press Enter Advanced

Show All

Add 2

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: 0008-8888-TST Unit System: English

Entity Description: Test Proof of Concept...Please do not Delete...JTK Sept 12, 2024

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

Estimate Information

Cost Estimate Name 1

Cost Estimate Descr 2

Estimate Phase 3

Estimated By:

Cost Estimate Total 4

Design Build

Profile

Budget Class

Lanemies

Estimate Type

Vendor Access:

Additional Information

Bid Based

Cost Based

Labor Rate Class

Equipment Rate Class

Material Rate Class

Davis/Bacon Indicator

Modify Project Cost Estimate Summary

1. Select newly created Cost Estimate

Home Previous My Pages Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: TEST9998 - TEST9998 Save ?

Proposal:

General

Cost Estimates

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

Add

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

0 marked for deletion | 0 changed

Add Bid History Profile to Cost Estimate

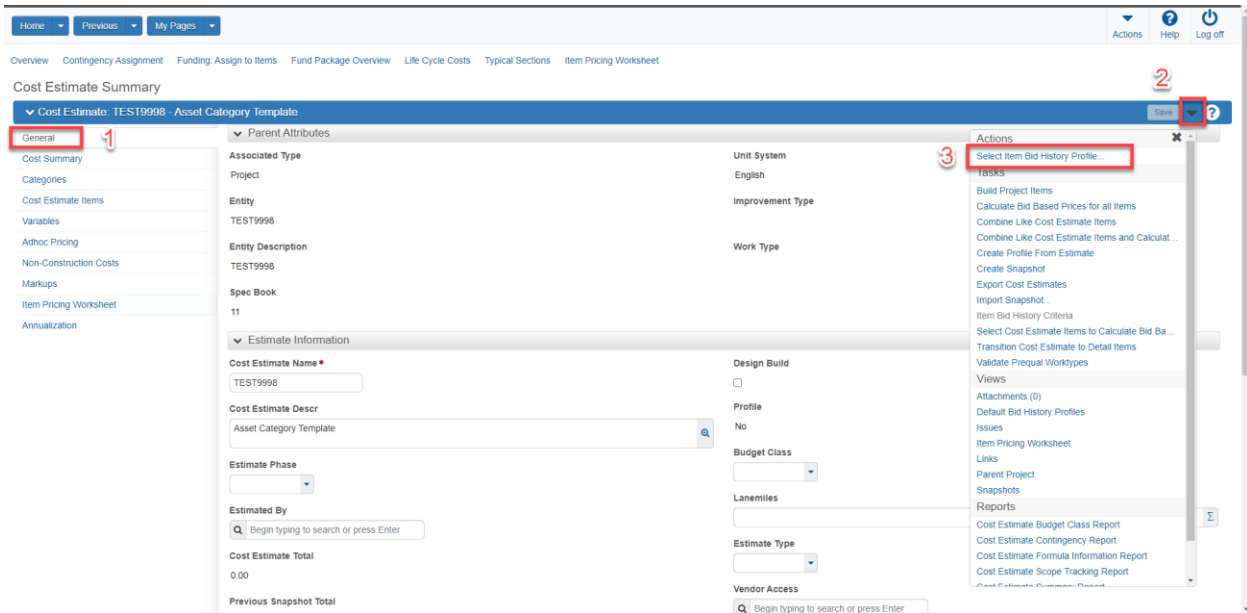
If the 3YRENG bid history profile has not been automatically assigned to the cost estimate, please follow the steps below. Look for the automatically assigned default bid history profile here:

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

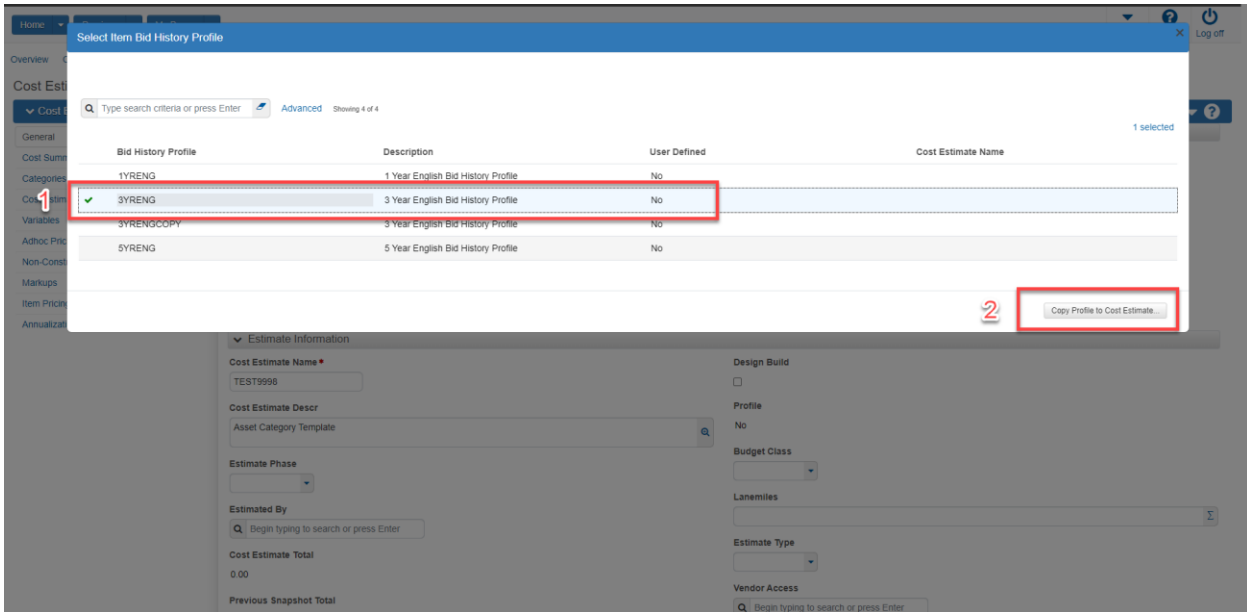
The screenshot displays the 'Cost Estimate Summary' page for 'TEST9998 - Asset Category Template'. The 'General' tab is selected in the left sidebar. The main content area is divided into several sections:

- Parent Attributes:** Includes fields for Project, Entity (TEST9998), Entity Description (TEST9998), Spec Book (11), Unit System (English), Improvement Type, and Work Type.
- Estimate Information:** Includes fields for Cost Estimate Name (TEST9998), Cost Estimate Descr (Asset Category Template), Estimate Phase, Estimated By, Cost Estimate Total (0.00), Previous Snapshot Total, Design Build (checkbox), Profile (No), Budget Class, Lanemiles, Estimate Type, Vendor Access, Snapshot Tracking Percentage, and Active (Yes).
- Additional Information:** Includes a 'Bid Based' section with a 'Bid History Profile' field set to '3YRENG' and a 'Typical Section Bid History Profile' field set to '3 Year English Bid History Profile'.
- Cost Based:** Includes fields for Labor Rate Class, Equipment Rate Class, Material Rate Class, and Davis/Bacon Indicator (checkbox).

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



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



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

Home Previous My Pages Actions Help Log off

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

Cost Estimate Summary

Cost Estimate: TEST9998 - Asset Category Template Save ?

General

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

Non-Construction Costs

Markups

Item Pricing Worksheet

Annualization

Parent Attributes

Associated Type

Project

Entity

TEST9998

Entity Description

TEST9998

Spec Book

11

Unit System

English

Improvement Type

Work Type

Estimate Information

Cost Estimate Name

TEST9998

Cost Estimate Descr

Asset Category Template

Estimate Phase

Estimated By

Begin typing to search or press Enter

Cost Estimate Total

0.00

Previous Snapshot Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

Begin typing to search or press Enter

Snapshot Tracking Percentage

Active

Yes

Additional Information

Bid Based

Bid History Profile

3YRENG

Typical Section Bid History Profile

3YRENG

3 Year English Bid History Profile

Cost Based

Labor Rate Class

Equipment Rate Class

Material Rate Class

Davis/Bacon Indicator

Enter Project Cost Estimate Category Details

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

1. Select Cost Estimates. (1)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Snapshots

Concept Summary

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

General

Locations

Cost Estimates

Search: 3YRENG

Advanced Showing 1 of 1

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 with a red box. The main content area is divided into sections: 'Parent Attributes' and 'Estimate Information'. Under 'Parent Attributes', fields include 'Associated Type' (Concept), 'Unit System' (English), 'Entity' (PP08-8888-TEST), 'Improvement Type', 'Entity Description' (Test Proof of Concept... Please do not Delete... JTK Sept 12), and 'Work Type'. Under 'Estimate Information', fields include 'Cost Estimate Name' (PP08-8888-TEST), 'Design Build' (checkbox), 'Cost Estimate Descr' (Test Proof of Concept - Cost Estimate... Please do not delete... JTK Sept 12, 2024), 'Profile' (No), 'Estimate Phase' (01 - Programming), and 'Lanemiles'.

3. Select New

The screenshot shows the 'Cost Estimate Summary' page with the 'Categories' tab selected. A search bar contains the text 'Type search criteria or press Enter'. A 'New' button is highlighted with a red box. Below the search bar, it says 'No rows found matching criteria.' On the right side, there is a summary: '0 added | 0 marked for deletion | 0 changed'. The 'CategoryIDSort' dropdown is also visible.

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 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

0001

Federal Asset Work Type

Category Alternate Set

Category Alternate Member

Category Descr 2

80 Fed - 20 State

CTDOT Asset Work Code

Grouping Code

Low Cost Flag

Add Individual Cost Estimate Items

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

1. Select and navigate to Item Pricing Worksheet

Home Previous My Pages Actions Help Log off

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

Cost Estimate Summary

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

General

Parent Attributes

Associated Type

Project

Entity

0103-0277TEST

Entity Description

Big Bridge over small river

Spec Book

11

Unit System

English

Improvement Type

Work Type

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

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 Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

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

Total Cost Estimate Items
0.00

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

New Select Items... Showing 1 of 1

3. Select Category/Funding Source

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter ItemNumLH

Total Cost Estimate Items
0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pr...
<input type="text" value="Begin typing to search or 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 Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

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

Total Cost Estimate Items
0.00

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

New Select Items... Showing 1 of 1

5. Enter quantity

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save Complete

Item Pricing Worksheet Save ?

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

Total Cost Estimate Items
0.00

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

New Select Items... Showing 2 of 2

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				Yes

New Select Items... Showing 0 of 0

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default

Total Cost Estimate Items

Supp Descr

1 *** See Special Provisions ***

2 Apply

9. Select Save

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet There are unsaved changes.

Item Pricing Worksheet Save ?

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

Total Cost Estimate Items

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
0997	20	0201001	CLEARING AND GRUBBING	LS	1,000				Yes
0997	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 ?

Q Type search criteria or press Enter System Default Showing 3 of 3

Total Cost Estimate Items

0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
8888	10	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY. ELECTRICAL DISTRIBUTION	LS	1,000				Yes
0997	20	0201001	CLEARING AND GRUBBING	LS	1,000				Yes
0997	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 Save ?

Q 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

New Select Items...

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	lf - Linear Foot
0000383	ELECTRICAL DUCT BANK, 8-4" CONCRETE ENCASED PVC IN PAVEMENT	lf - 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	lf - Linear Foot
0100085	PRECAST CONCRETE FUEL LINE PIT	ea - Each
0100338	CANAL TROUGH HIGH DENSITY POLYMER CONCRETE	lf - 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

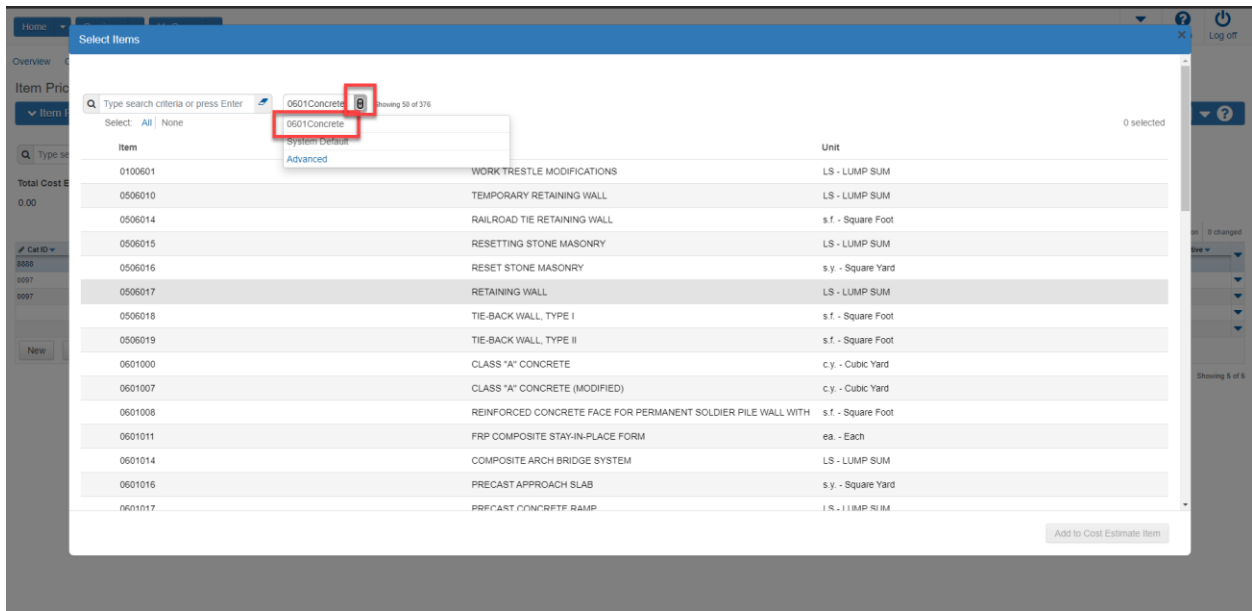
Select: All None

0 selected

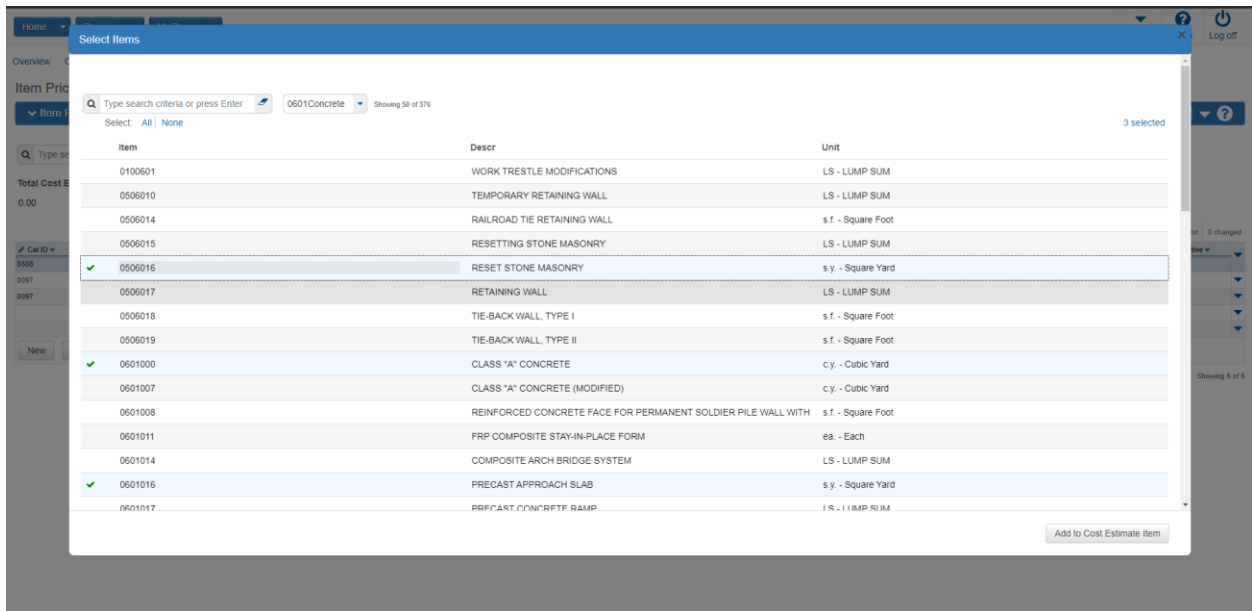
Item	Descr	Unit
0100601	WORK TRESTLE MODIFICATIONS	LS - LUMP SUM
0506010	TEMPORARY RETAINING WALL	LS - LUMP SUM
0506014	RAILROAD TIE RETAINING WALL	s.f. - Square Foot
0506015	RESETTING STONE MASONRY	LS - LUMP SUM
0506016	RESET STONE MASONRY	s.y. - Square Yard
0506017	RETAINING WALL	LS - LUMP SUM
0506018	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



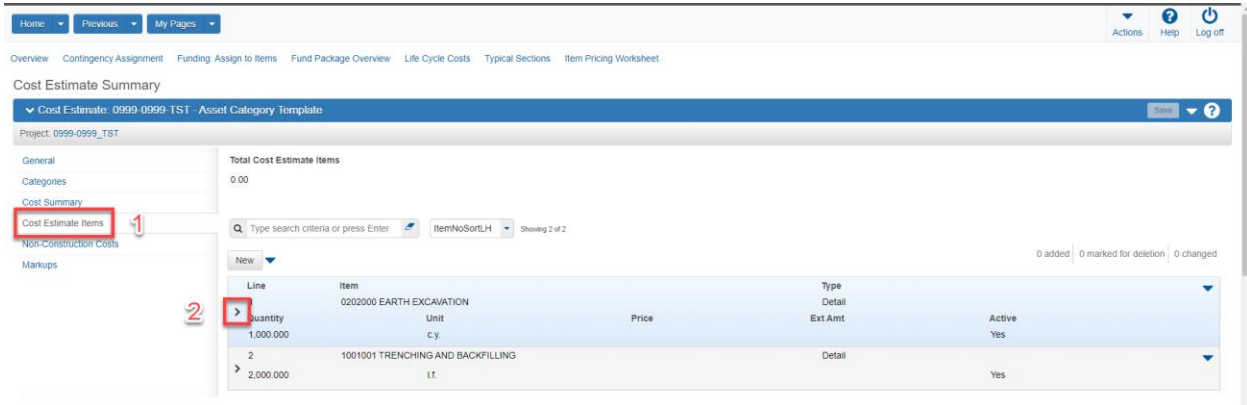
4. Select multiple items as needed



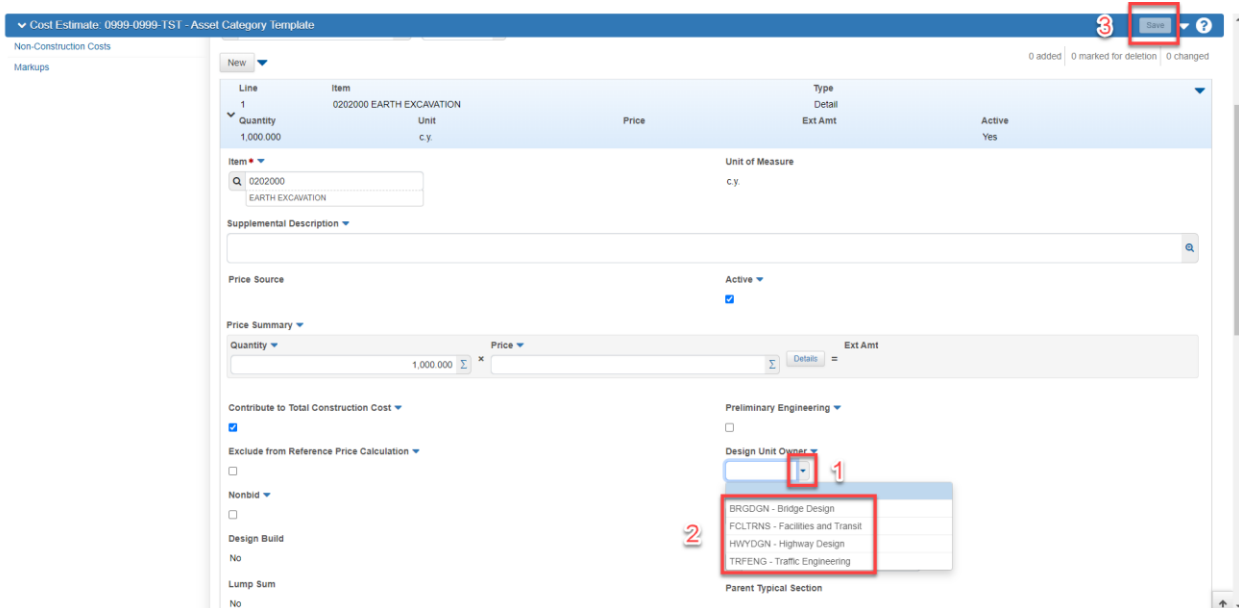
Item Grouping by Design Unit Owner

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)



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



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

Type search criteria or press Enter

New

Line	Item	Type	Detail	Ext Amt	Active
1	0202000 EARTH EX...	Detail			Yes
2	1001001 TRENCHIN...	Detail			Yes

0 added | 0 marked for deletion | 0 changed

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" selected for all non-bid items.

1. Navigate to “Cost Estimate Items”

Home Previous My Pages

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

Cost Estimate Summary

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

Concept: PP08-8888-TEST

General Parent Attributes

Associated Type Unit System

Concept English

Entity Improvement Type

PP08-8888-TEST

Entity Description Work Type

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

Spec Book

11

Estimate Information

Cost Estimate Name *

PP08-8888-TEST

Design Build

Cost Estimate Descr

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

Profile

No

Estimate Phase

01 - Programming

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

System Default show 1 of 7

Temporary
8888Items

0 added | 0 marked for deletion | 0 changed

New	Item ID	Description	Unit	Quantity	Unit Price	Total Price	Detail	Yes
1	0603061	STRUCTURAL 80CMINLS					Detail	
>	1.000	LS BRGDGNFilter			250,000.00			Yes
2	0503001	REMOVAL OF HWYDGNFilter					Detail	
>	1.000	LS ItemNoSortLH			150,000.00			Yes
3	0020801	ASBESTOS AB NonBidFilter					Detail	
>	1.000	LS TRFENGFilter			50,000.00			Yes
4	0602030	DEFORMED S System Default					Detail	
>	2,000,000	lb. Advanced		2.45000	4,900.00			Yes
5	0601318	PARTIAL DEPTH PATCH					Detail	
>	330,000	c.f.		319.91000	105,570.30			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 Save

Concept: PP08-8888-TEST

General Total Cost Estimate Items 1,110,470.30

Cost Summary

Cost Estimate Items

Item Pricing Worksheet

Incidentals and Contingencies

Markups

Categories

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

New 0 added 0 marked for deletion 1 changed

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

Item 3100012 Unit of Measure LS

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

Supplemental Description

Price Source Ad Hoc Active

Price Summary

Quantity	Price	Ext Amt
1.000	50,000.00000	50,000.00

Contribute to Total Construction Cost

Exclude from Reference Price Calculation

Nonbid

Design Build No

Lump Sum Yes

Bid as Lump Sum Yes

Cost Estimate Category ID 8888 Non-Contract Items

Preliminary Engineering

Design Unit Owner

Prequalification Work Type

Parent Parametric Item Begin typing to search or press Enter

Parent Typical Section

Item Alternate Set

Item Alternate Member

Low Cost Yes

Remarks

Type Remark

Common Lump Sum Items

All common lump sum items 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	Parent Attributes	
Cost Summary	Associated Type	Unit System
Cost Estimate Items	Concept	English
Item Pricing Worksheet	Entity	Improvement Type
Incidentals and Contingencies	PP08-8888-TEST	
Markups	Entity Description	Work Type
Categories	Test Proof of Concept...Please do not Delete...JTK Sept 12,	
	Spec Book	
	11	
	Estimate Information	
	Cost Estimate Name *	Design Build
	PP08-8888-TEST	<input type="checkbox"/>
	Cost Estimate Descr	Profile
	Test Proof of Concept - Cost Estimate...Please do not delete...JTK Sept 12, 2024	No
	Estimate Phase	Lanemiles
	01 - Programming	

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

Cost Estimate Summary

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

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

Total Cost Estimate Items
1,110,470.30

Search: Type search criteria or press Enter System Default Showing 7 of 7
0 added | 0 marked for deletion | 0 changed

Line	Item	Unit	Price	Type	Active
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
6	0975004 MOBILIZATION AND PROJECT CLOSEOUT			Detail	
> 1.000	LS		500,000.00000	500,000.00	Yes

Item: 0975004 Unit of Measure: LS
MOBILIZATION AND PROJECT CLOSEOUT

Supplemental Description

Price Source: Ad Hoc Active

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

1
2

Contribute to Total Construction Cost

Exclude from Reference Price Calculation

Nonbid

Design Build: No

Lump Sum: Yes

Bid as Lump Sum: Yes

Cost Estimate Category ID:

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

Line	Item	Unit	Price	Type	Active
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** Actions Help Log off

Cost Estimate Summary

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

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\kocabaajt
Kocaba James

Cost Estimate Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Maintainance

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** Actions Help Log off

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...	Method	Price	Active	50,000.00	Ad...		Yes

New Select Items

Method

Price

Active

Bid Based

Reference

Cost Based

Maintain Item Price Task

Showing 8 of 8

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

8. Click Save (5)

Home Previous My Pages Actions Help Log off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

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

Item Information

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

Type search criteria or press Enter Advanced

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

New 1

Price Task	Description	Active	Type	Task Unit Price
Price Task	8% of total cost estimate	Yes		

1 added | 0 marked for deletion | 0 changed

Price Task

Use Historical Price

Reference Price

Amount

Percent of

3 Description 2 8% of total cost estimate

Item ID 3 Percent on top 8.00

Spec Book 4 Active

Task Group

Begin typing to search or press Enter

9. Price is calculated.

Home Previous My Pages Actions Help Log off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

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

Item Information

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

Type search criteria or press Enter Advanced Showing 1 of 1

New

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

0 added | 0 marked for deletion | 0 changed

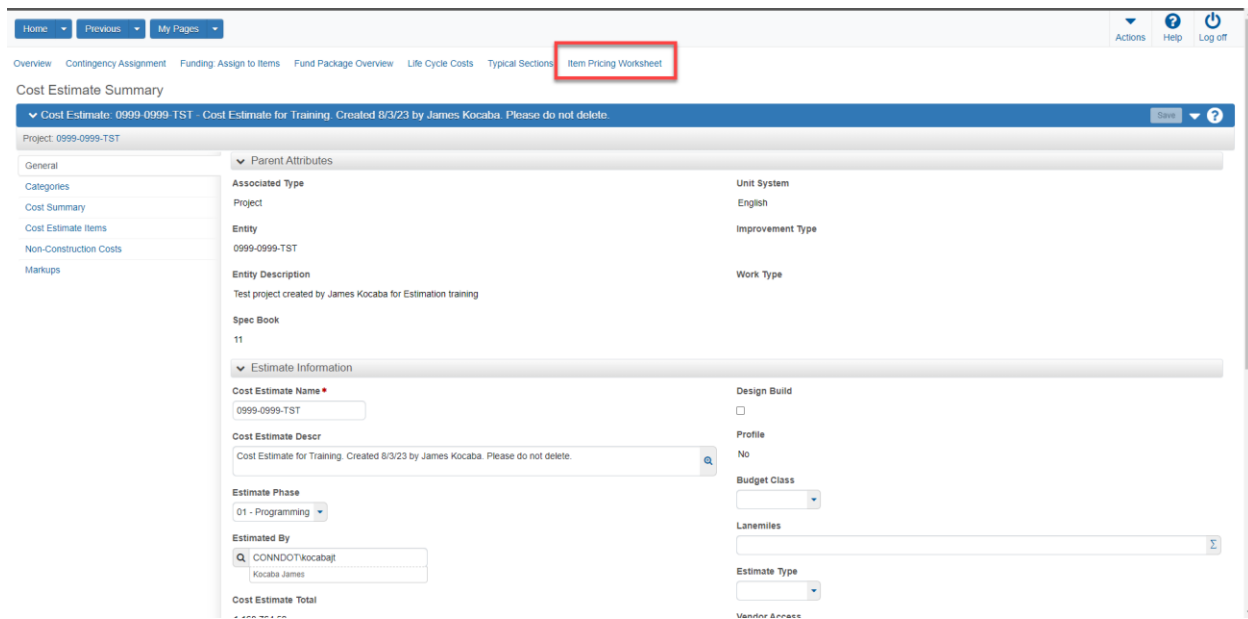
Price Task

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 shows the AASHTOWare Project Estimation software interface. The top navigation bar includes 'Home', 'Previous', and 'My Pages' on the left, and 'Actions', 'Help', and 'Log off' on the right. The main navigation menu is located below the top bar, with 'Item Pricing Worksheet' highlighted in a red box. The main content area displays the 'Cost Estimate Summary' for project '0999-0999-TST - Cost Estimate for Training'. The summary includes fields for 'Cost Estimate Name', 'Cost Estimate Descr', 'Estimate Phase', 'Estimated By', and 'Cost Estimate Total'. The 'Item Pricing Worksheet' tab is highlighted in the top navigation bar.

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

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

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

Total Cost Estimate Items
1,012,037.34

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020801	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://cdot-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 ?

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

Total Cost Estimate Items
1,012,037.34

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	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	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...

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

- 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 Save ?

ItemNumLH Showing 8 of 8

Total Cost Estimate Items
1,139,339.64

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pri...
0001	3	0020001	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	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 Item Pricing Worksheet 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\kocabaaj
Kocaba James

Cost Estimate Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

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"

The screenshot shows the 'Item Pricing Worksheet' interface. At the top, there are navigation tabs: 'Home', 'Previous', and 'My Pages'. On the right, there are 'Actions', 'Help', and 'Log off' buttons. Below the navigation, there are 'Overview', 'Cost Estimate', and 'Cost Estimate Items' links. The main header is 'Item Pricing Worksheet' with a 'Save' button highlighted in a red box and a '4' next to it. A search bar contains 'ItemNumLH' and 'Showing 8 of 8'. Below this, it says 'Total Cost Estimate Items 1,023,420.54'. A table lists items with columns for Cat ID, Line, Item, Descr, Unit, Quantity, Unit Price, Ext Amt, and Supp Descr. Item 8 is highlighted, and a dropdown menu is open for it. The menu options are: 'Active', 'Calculate Price', 'Price vs Quantity', and 'Analysis'. The 'Save' button in the top right of the menu is highlighted in a red box with a '1' next to it. Other red boxes with numbers '2' and '3' are also present on the menu.

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	
0001	3	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00	Ad Hoc	
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00	Ad Hoc	
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00	Ad Hoc	
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000			Regre...	
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	b.	Method	Price	Active	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	

6. Save is complete and item price is established

The screenshot shows the 'Item Pricing Worksheet' interface after the calculation is complete. A green notification box with the text 'Item Price Calculation Completed' and a close button is displayed at the top. The 'Save' button in the top right is now disabled. The table below shows the updated item prices. Item 8 now has a unit price of 332.61000 and an extended amount of 99,603.00.

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

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 shows the 'Cost Estimate Summary' interface. On the left, a navigation menu has 'Non-Construction Costs' selected, indicated by a circled '1'. The main area displays a table of cost items. A 'New' button is highlighted with a red box and a circled '2'. Below it, a form for adding a new cost item is shown. The form includes a dropdown for 'Non-Construction Cost Name' (3), a text input for 'Non-Construction Cost Description' (4), a dropdown for 'Percent of Total Estimate' (5), and an 'Active' checkbox (6). A 'Save' button is highlighted with a red box and a circled '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 for 'Cost Estimate INCIDTEST - Asset Category Template'. The left sidebar contains navigation options: General, Cost Summary, Categories, Cost Estimate Items, Variables, Adhoc 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 Non Construction Cost' form is open, 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', 'Non Construction Cost Type', and 'Non Construction Cost Group'. An 'Active' checkbox (callout 6) is at the bottom. A 'Save' button (callout 7) is in the top right corner. A search bar at the top left contains the text 'Type search criteria or press Enter'.

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 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

See the following steps below:

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** Actions Help Log off

Cost Estimate Summary

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

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 Desc

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** Actions Help Log off

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

0 added | 0 marked for deletion | 0 changed

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	P...	Supp Descr	A...
0001	3	0020001	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	332.61000	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	Rate...		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	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00 Ad...			Yes
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00 Ad...			Yes
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00 Ad...			Yes
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000	332.01000	99,603.00 Reqr...			Yes
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00 Reqr...			Yes
0001	1	0603061	STRUCTURAL STEEL (SITE NO. 1)	LS	1.000	250,000.00000	250,000.00 Ad...			Yes
0001	4	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	314,848.78000	314,848.78 Refe...			Yes
8888	5	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DIS.	LS	1.000	50,000.00000	50,000.00 Ad...			Yes

1 Begin typing to search or pr
2 0001 80Fed - 20State
0002 100State
8888 Non-Contract Items
Showing 3 of 3

Showing 8 of 8

6. Double click the item field
7. Enter "PARA"
8. 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	0020801	ASBESTOS ABATEMENT	LS	1.000	50,000.00000	50,000.00 Ad...			Yes
0001	2	0503001	REMOVAL OF SUPERSTRUCTURE	LS	1.000	351,000.00000	351,000.00 Ad...			Yes
0001	6	0503151	REMOVAL OF SUPERSTRUCTURE (SITE NO. 1)	LS	1.000	5,000.00000	5,000.00 Ad...			Yes
0001	8	0601318	PARTIAL DEPTH PATCH	c.f.	300.000	332.01000	99,603.00 Reqr...			Yes
0001	7	0602030	DEFORMED STEEL BARS - GALVANIZED	lb.	2,000.000	5.27000	10,540.00 Reqr...			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

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

9. 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	332.61000	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. @E EVERSOURCE ENERGY- ELECTRICAL DIS.	LS	1.000	50,000.00000	50,000.00 Ad...			Yes
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	332.61000	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. @E EVERSOURCE ENERGY- ELECTRICAL DIS.	LS	1.000	50,000.00000	50,000.00 Ad...			Yes
0001		0001PARA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000	150,000.00000	150,000.00			Yes

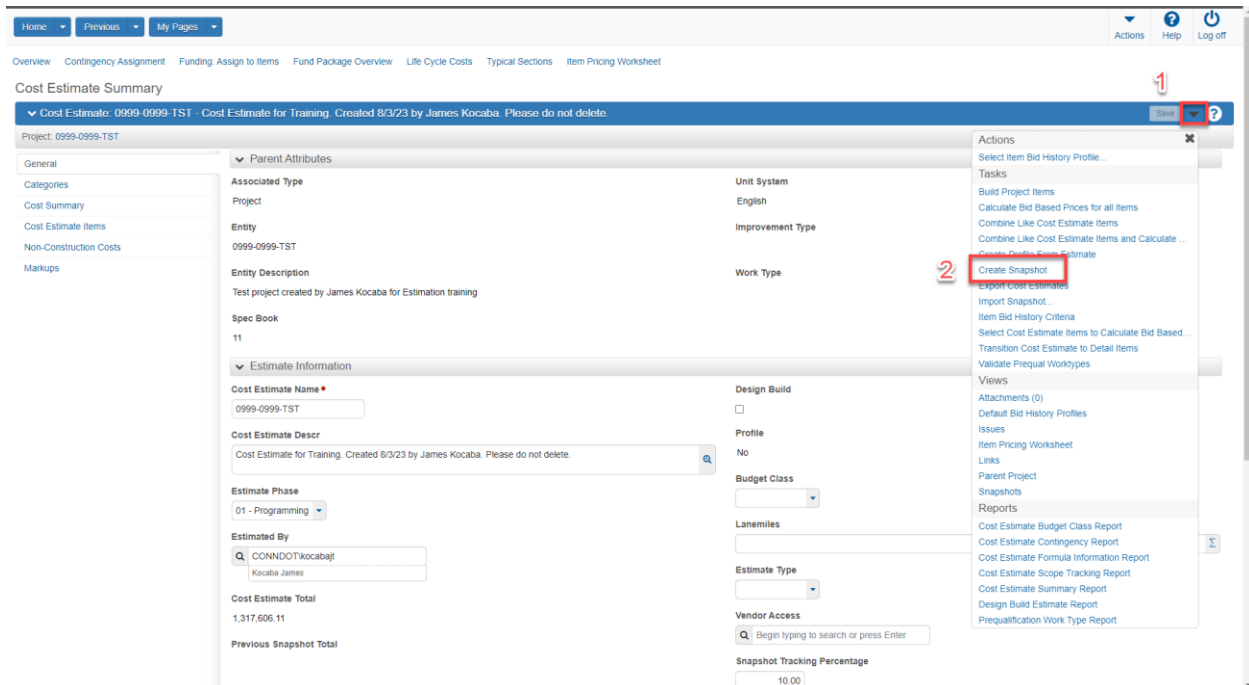
New Select Items...

Showing 8 of 8

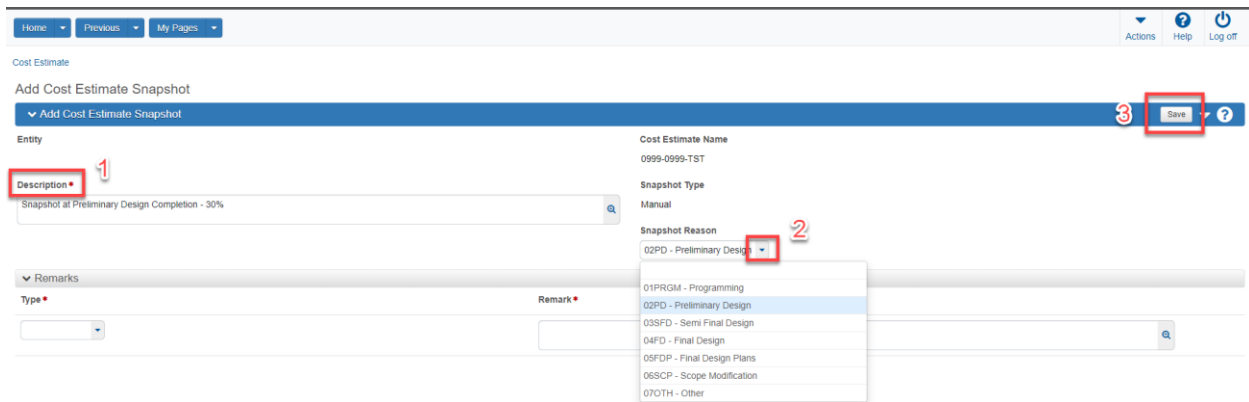
Snapshots and Cost Estimate Phase Transition

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)



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



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

Home Previous My Pages Actions Help Log off

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 Description *
 Markups Snapshot at Preliminary Design Completion - 30%
 Item Pricing Worksheet Created By
 CONNDOT\kocabaj
 Snapshot Reason
 02PD - Preliminary Design
 Created Date
 10/17/2023 10:53:57 AM

Remarks
 Type Remark

9. Navigate back to the current cost estimate

Home Previous My Pages Actions Help Log off

Cost Estimate

Cost Estimate Snapshot Overview

Cost Estimate Snapshot Overview

Type search criteria or press Enter Advanced Showing 1 of 1

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

0 marked for deletion 0 changed

10. Quick link to cost estimate snapshots is located here:

- Select action item arrow adjacent to the save button (1)
- Select the "Snapshots" hyperlink (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: 0999-0999-TST - Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Project: 0999-0999-TST

General Parent Attributes

Associated Type Unit System
 Project English
 Entity Improvement Type
 0999-0999-TST
 Entity Description Work Type
 Test project created by James Kocaba for Estimation training

Spec Book
 11

Estimate Information

Cost Estimate Name *
 0999-0999-TST
 Design Build

 Profile
 No
 Budget Class
 Estimate Phase
 01 - Programming
 Estimated By
 CONNDOT\kocabaj
 Kocaba James
 Cost Estimate Total
 1,317,606.11
 Previous Snapshot Total
 1,317,606.11

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 Profile 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

Update Project Fund Packages

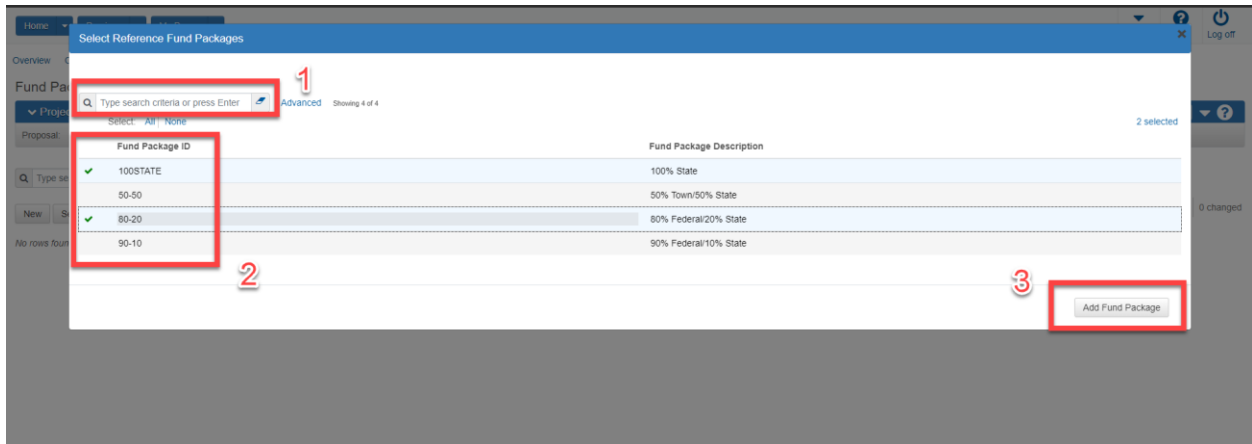
1. Navigate to the General Tab on the Project Summary Screen (1)
2. Select “Fund Package Overview” along the main navigation header (2)

The screenshot shows the 'Project Summary' interface for 'Project: 0056-0321 - Drainage Replacement on U.S. Route 1'. The 'General' tab is selected in the left sidebar, indicated by a red box and a '1'. In the top navigation bar, the 'Fund Package Overview' link is highlighted with a red box and a '2'. The main content area displays various project details such as Project Number (0056-0321), Project Description (Drainage Replacement on U.S. Route 1), Spec Book (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), and Created By. On the right side, there are sections for 'Incidentals and Contingences', 'Historical Inc and Cont-LEAVE BLANK', 'Primary Project County' (FRFD - Fairfield), 'Primary Project District ID' (3 - New Haven), and a list of Towns (Town 1 to Town 6) with dropdown menus. A 'Controlling Project' checkbox is also present.

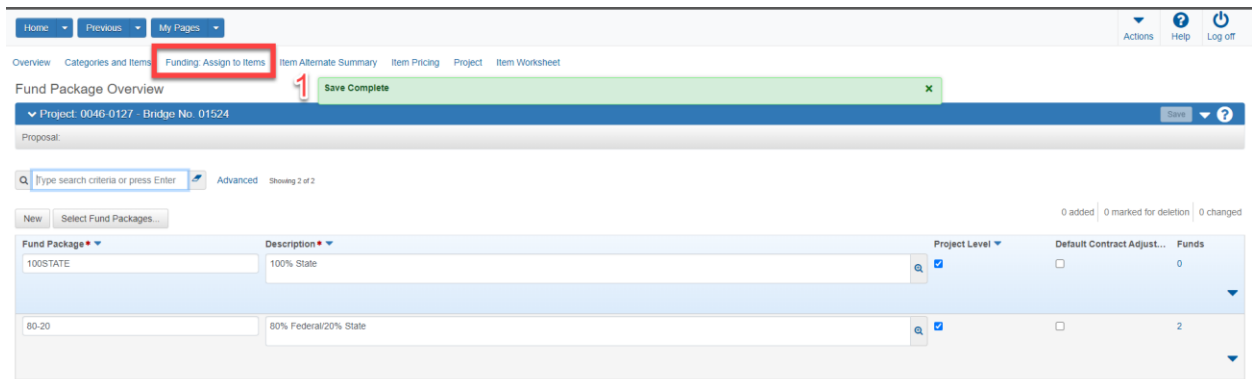
3. Click on “Select Fund Packages” button (1)

The screenshot shows the 'Fund Package Overview' interface for 'Project: 0046-0127 - Bridge No. 01524'. At the top, there is a search bar with the placeholder text 'Type search criteria or press Enter' and an 'Advanced' link. Below the search bar, a 'New' button is highlighted with a red box and a '1', with the text 'Select Fund Packages...' next to it. To the right of the search bar, there are statistics: '0 added | 0 marked for deletion | 0 changed'. At the bottom left, it says 'No rows found matching criteria'.

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)

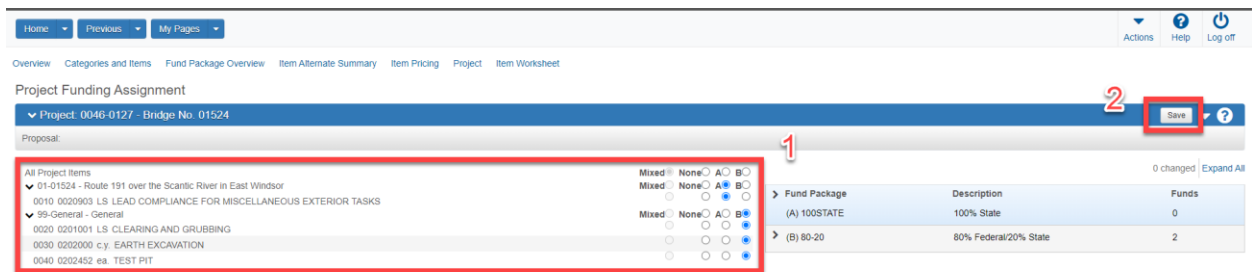


7. Select “Funding Assign to Items” (1)



8. Assign funds by selecting all project items, asset categories or individual items (1).

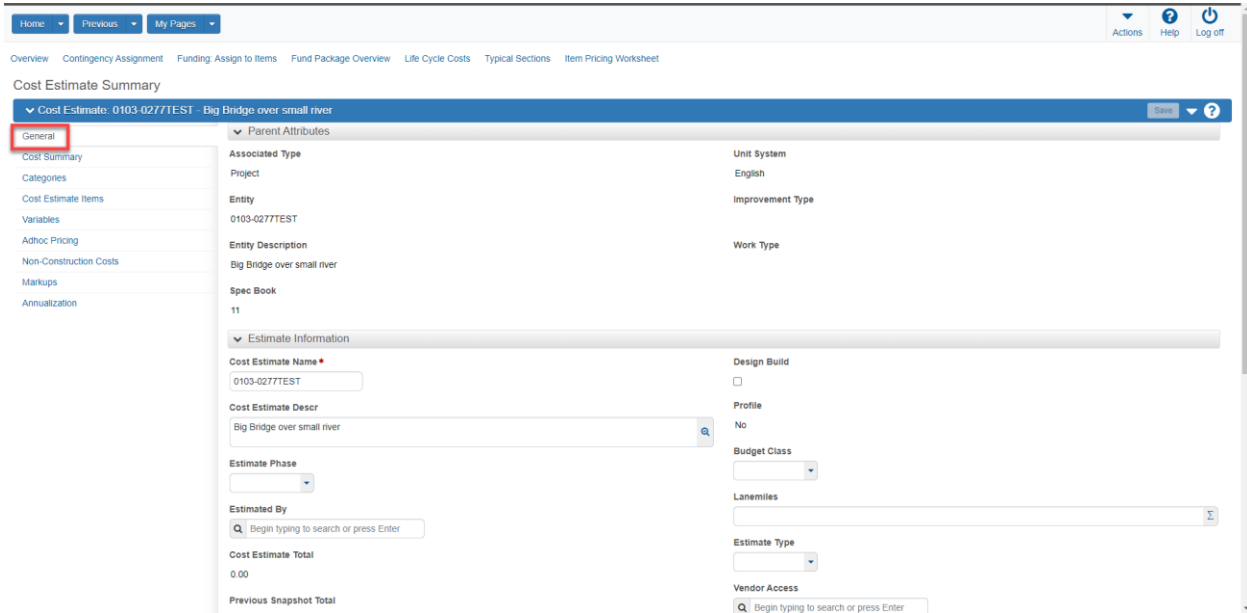
9. Click “Save” (2)



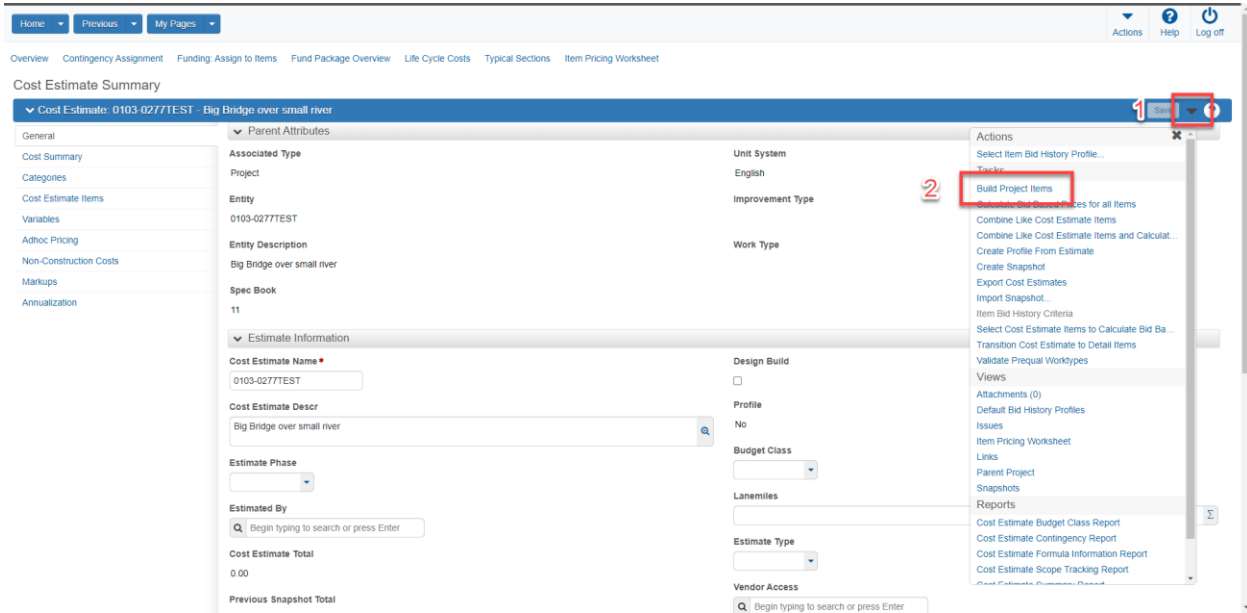
Build Project Items (Completed at FDP Only)

Initiate “Build Project Items” process at FDP after cost estimate has been finalized .

1. Navigate to the Cost Estimate General tab



2. Select the action dropdown arrow to the right of the save button (1)
3. Select Build Project Items (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 **Built Project Items Successfully.**

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

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

Parent Attributes

Associated Type	Project	Unit System	English
Entity	0103-0277TEST	Improvement Type	
Entity Description	Big Bridge over small river	Work Type	
Spec Book	11		

Estimate Information

Cost Estimate Name	0103-0277TEST	Design Build	<input type="checkbox"/>
Cost Estimate Descr	Big Bridge over small river	Profile	No
Estimate Phase		Budget Class	
Estimated By		Lanemiles	
Cost Estimate Total	0.00	Estimate Type	

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. Once complete Contract Development will be automatically notified by email that the cost estimate is ready for final processing. Once the workflow is set to 20 the cost estimate becomes confidential and 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

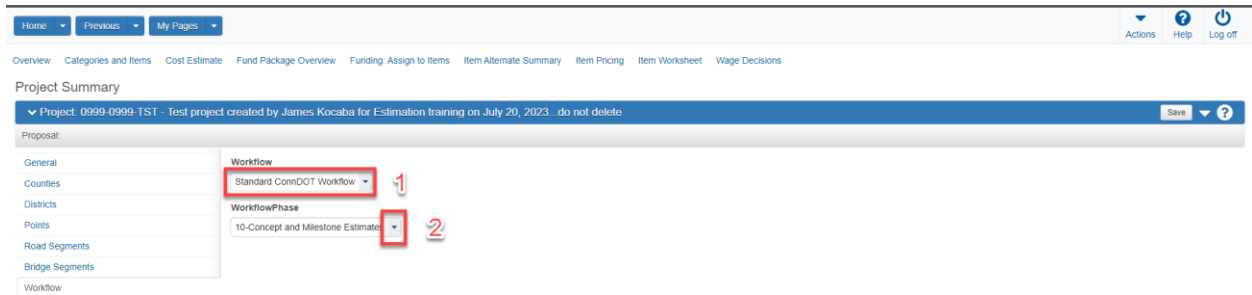
Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023. do not delete

Proposal:

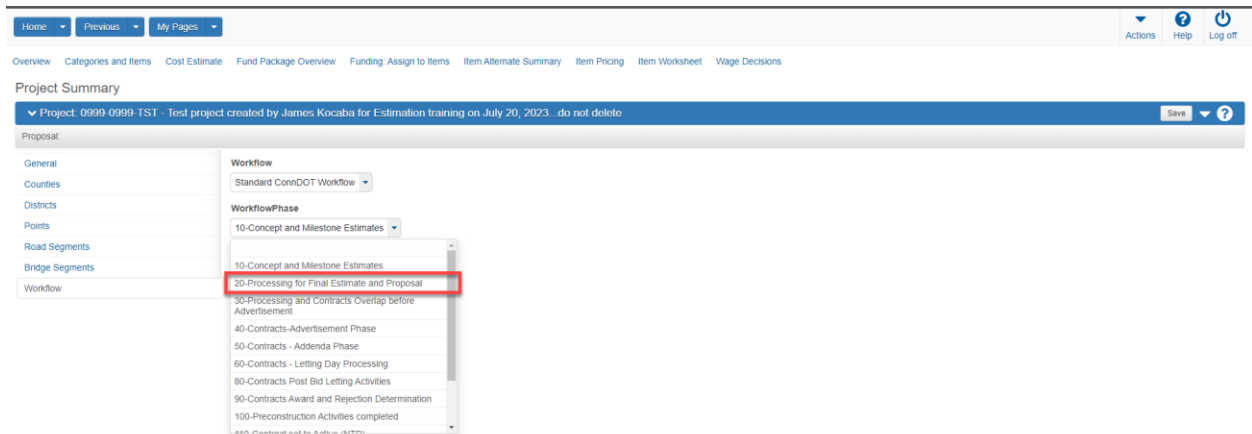
General

Project Number	0999-0999-TST	Incidentals and Contingencies	
Project Description	Test project created by James Kocaba for Estimation training on July 20, 2023. do not delete	Highway Type	
Spec Book (Item List 11 = Engl, 10 = Metric)	11	Urban/Rural	
Unit System	English	Historical Inc and Cont-LEAVE BLANK	
Federal Project Number		Primary Project County	NI-HVN - New Haven
Project Work Type		Primary Project District ID	3 - New Haven
Project Item Total		Town 1	
State Project Number		Town 2	
Project Engineer		Town 3	
Designed By		Town 4	
Id	2360	Town 5	
Created By		Town 6	

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



5. Select Save

