

QUICK GUIDE **QUANTITY FORECASTING**

QUANTITY ITEM



DETAILS TAB

Account code

Account Codes exist in the master Account Code library within the InEight Suite.

Assign account code

Search....		
Select	Account code	Description
<input type="radio"/>	00	Overhead
<input type="radio"/>	01	General Requirements
<input type="radio"/>	03	Concrete
<input type="radio"/>	05	Structural Steel & Metals

WBS phase code (Work Breakdown Structure)

Code assigned to terminal cost items for tracking purposes from Control. Only WBS terminal codes will be available where Hide in Plan/Progress is off, Allow as-built is set to All or Quantities, and the WBS is not locked.

The WBS Phase Code Rollup View displays all your Quantity Items grouped together by like WBS Phase Codes. The grid will display all the available WBS Phase Codes on the project from Control with the ability to expand on each to see the associated quantity items.

QUANTITY ITEMS				ROLLUP VIEW	AUDIT LOG
Actions					
WBS phase code	<input type="checkbox"/>	WBS Phase Code / Quantity Item	UoM	Quantity Item - Forecast (TO)	
Design element	<input type="checkbox"/>	1004 - DEMO	Each		
	<input type="checkbox"/>	1007 - Haul Common From Stockp...	CY		
	<input type="checkbox"/>	1008 - Embankment (Non-Scraper) ...	CY		

DETAILS		QUANTITIES	COMPONENTS	NOTES
ID	8534			
Description	Subgrade Preparation - Street / Rc			
* Account code	51.12.02.006.02			
* WBS phase code	1017			
* UoM	SY			
Work type	Direct			
* Design element	Subgrade Preparation - SY			
* Discipline	Grading			
* Ground	Under			
* Cost segment	Direct Cost			
Quantity source	Construction			
Construction segment	Select one			
* Area	010-UG-GEN			
* System	GEN			
* Subsystem	GEN			
* Turnover	GEN0.0			

Account Code Set

Allows users to add individual Account Codes to a set and tag each Account Code with the following information: Design Element, UoM, Ground, Discipline, Account code group, Drawing Code, Quantity source, Deliverable, and 5 User defined fields.

* These settings can be accessed on the Quantity Item Slide out (Edit Quantity Item)

Design Element

A list of sub-disciplines with an associated UoM (Unit of Measure). The Design Element Rollup View displays all your Quantity Items grouped together by like Design Element. The grid will display the rolled up Qty and Man Hour amounts.

QUANTITY ITEMS						ROLLUP VIEW	AUDIT LOG
Actions							
WBS phase code	<input type="checkbox"/>	*Design elements	*UoM	Qty delta	Qty % change	MHr delta	
Design element	<input checked="" type="checkbox"/>	Subgrade Prepar...	SY	-16,477.00	-56.26%	-494.31	
Subtotals				Count: 8,538			-520,258.44

Plan integrations

The Area, System, Subsystem, Turnover, Commodity, and Construction Segment fields on a Quantity Item will only accept the values as they are configured in Plan.

Construction Segment	Construction area	
None	010-UG-GEN	
Turnover	System	Subsystem
GEN0.0	GEN	GEN

QUICK GUIDE **QUANTITY FORECASTING**

QUANTITY ITEM



DETAILS TAB

OB Manhours/Unit (Original Budget)
The rates are generated from Control or could be manual depending on the project setting.

Plan integrations
The Area, System, Subsystem, Turnover, Commodity, and Construction Segment fields on a Quantity Item will only accept the values as they are configured in Plan.

Commodity

None

OB Mhrs/Unit

Commodity

Select one

User defined field 1

176155

User defined field 3

User defined field 5

Design Complete

Include quantity in roll up calculation?

CB Mhrs/Unit

0.03

Construction work package

Select one

User defined field 2

User defined field 4

User defined field 6

CB Manhours/Unit (Current Budget)
The rates are generated from Control or could be manual depending on the project setting.

Construction work package
Any Construction Work Package added in Plan will become available to assign to a quantity item in Design. Construction Work Package is also part of the Plan integration.

Unit Rates
Unit rates will never be updated automatically with InEight Control unit rates. A user with permission will always need to go through the Get Control unit rates action to update the rate applied to a Quantity Item. CE and FC Remaining require a Control Integration and can only be updated from Control.

This setting is only applicable to terminal design elements that are associated to a parent Design element and the setting can only be selected if the terminal design element UoM matches its parent Design Element UoM.

Actions

Get Control unit rates

Get Plan components

Unlock budget

Quantity change notes

Get CB Mhrs/Unit

Get CE Mhrs/Unit

Get FC Remaining Mhrs/Unit

Get CB Mhrs/Unit

1

2

Select Cost Items

Get Unit Rates

	WBS phase code	Description
<input type="checkbox"/>	1007	Haul Common From Stockpile - Tub to FG
<input type="checkbox"/>	1008	Embankment (Non-Scraper) Common - Site -
<input type="checkbox"/>	1009	Mechanical and Electrical Backfill - Pipe-Zone Material
<input type="checkbox"/>	1010	Mechanical and Electrical Backfill - Dirt / Native
<input type="checkbox"/>	1011	Mech Elec Zone Material

QUICK GUIDE **QUANTITY FORECASTING**

QUANTITY ITEM



QUANTITIES TAB

Original Budget Quantity

Imported from Estimate.

Current Budget Quantity

Maintained to reflect the current budget value.

Component Quantity

The sum of quantities of those components associated to the Quantity Item from InEight Plan.

Edit quantity item

DETAILS **QUANTITIES** COMPONENTS NOTES

OB qty

Quantity driver

CB qty

30% Qty

60% Qty

90% Qty

Component Qty

Quantity Driver

Designates which stage drives that Quantity Item's Forecast (TO) Qty.

Blue pushpin icon

Displays on the stage to designate that it is currently set as the Quantity Driver.

Design Stage Quantities

These titles can be customized in the Organization settings.

OB qty	Quantity driver	CB qty	30% Qty	60% Qty	90% Qty	Design Complete	Component Qty
	Component Qty	67,667.00			5,000.00	<input checked="" type="checkbox"/>	4,983.00
	90% Qty	29,289.00	22,508.00		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15,270.97
	90% Qty	29,289.00			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15,270.97
	Component Qty	79,789.00	50,417.00		55,394.00	<input checked="" type="checkbox"/>	57,502.80

COMPONENTS TAB

Tab with the individual Components assigned to a Quantity Item. Components can be synced from InEight Plan. As Components get associated to the Quantity Items, the system will update the Component Qty and Installed Qty fields on the Quantity Items.

Edit quantity item

DETAILS **QUANTITIES** **COMPONENTS** NOTES

Component ID	Component qty	Installed qty	Modified Date
Site Finishing - Streets/Road...	1,656.87236	0.00000	01/20/2022 08:55:37 AM
Site Finishing - Streets/Road...	3,169.69654	0.00000	01/20/2022 08:55:37 AM
Site Finishing - Streets/Road...	1,787.95078	0.00000	01/20/2022 08:55:37 AM
Site Finishing - Streets/Road...	1,874.80758	0.00000	01/20/2022 08:55:37 AM
Site Finishing - Streets/Road...	3,267.25484	0.00000	01/20/2022 08:55:37 AM
Site Finishing - Streets/Road...	2,801.85978	0.00000	01/20/2022 08:55:37 AM
Site Finishing - Streets/Road...	393.00656	0.00000	01/20/2022 08:55:37 AM
Subtotals	15,270.97		