

# 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

WBS phase code	Design element	WBS Phase Code / Quantity Item	UoM	Quantity Item - Forecast (TO)
		1004 - DEMO	Each	
		1007 - Haul Common From Stockpil...	CY	
		1008 - Embankment (Non-Scraper) ...	CY	

DETAILS QUANTITIES COMPONENTS NOTES

ID: 8534

Description: Subgrade Preparation - Street / Rc

\* Account code: 51.12.02.006.02

\* Design element: Subgrade Preparation - SY

\* WBS phase code: 1017

\* Discipline: Grading

\* UoM: SY

\* Ground: Under

Work type: Direct

\* Cost segment: Direct Cost

Quantity source: Construction

Construction segment: Select one

\* Area: 010-UG-GEN

\* System: GEN

\* Subsystem: GEN

\* Turnover: GEN0.0

\* 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

WBS phase code	*Design elements	*UoM	Qty delta	Qty % change	MHr delta
	Subgrade Prepar...	SY	-16,477.00	-56.26%	-494.31
Subtotals			Count: 8,538		-520,258.44

## 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.

## 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: None

Construction area: 010-UG-GEN

Turnover: GEN0.0

System: GEN

Subsystem: 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.

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.

#### 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

#### 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
1007	Haul Common From Stockpile - Tub to FG
1008	Embankment (Non-Scraper) Common - Site -
1009	Mechanical and Electrical Backfill - Pipe-Zone Material
1010	Mechanical and Electrical Backfill - Dirt / Native
1011	Mech Elec Zone Material

## 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 90% Qty

CB qty

30% Qty a

60% Qty a

90% Qty a

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

## COMPONENTSTAB

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
<b>Subtotals</b>	<b>15,270.97</b>		