Explore API Documentation

SelfService_Estimate_CostSource

Version 2.0

Last Modified: 10-Dec-2025

Last Modified By: Litzy Mora

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Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	17-Dec-2019	Initial draft	Natalie Takacs
2.0	10-Dec-2025	Updated refresh data	Litzy Mora

Contents

Change Log....2
Overview....3
Relationships and Dependencies....3
API Detail....3
Supported Filters....4
Fields....4
Field Descriptions....4
Sample....5

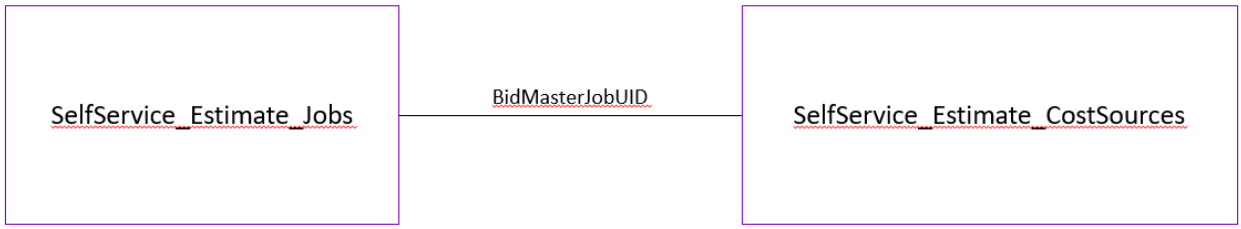
Overview

The ***SelfService_Estimate_CostSources*** API provides the list of defined Cost Sources for a Cost Item, either Plug, Quote or Detail.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
CostSources (CS)	Jobs (J)	CS.BidMasterJobUID = J.BidMasterJobUID	M:1	

SelfService_Estimate_CostSources



API Detail

Direction		From Project Suite
Pagination		50,000 Rows
Frequency		All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.
Trigger Method(s)		All default OData filters are supported
Average Payload Size		Depends on date range selected
APIM Name		SelfService_Estimate_CostSource
Data Refresh/Delta/Incremental Loads		The refresh of the data in this API is sync-based. The time it takes data to appear in this API is dependent on the load on the server at the time. If it takes more than 15 minutes, please submit a ticket with the Service Desk.
Project Suite	**Starting Version**	21.5
	Ending Version	N/A

[1] *1:M = One to Many, 1:1 = One to One, M:1 = Many to one*

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
EstimateCostSourceId	bigint	8	19	0	Estimate	X
EstimateCostSourceUF	uniqueidentifier	16	0	0	Estimate	
EstimateCostSourceUID	uniqueidentifier	16	0	0	Estimate	
Description	nvarchar	100	0	0	Estimate	
SaveID	int	4	10	0	Estimate	
BidMasterJobUID	uniqueidentifier	16	0	0	Estimate	
LastUpdateID	int	4	10	0	Estimate	
IsActive	bit	1	1	0	Report	
CreatedById	bigint	8	19	0	Report	
CreatedDate	datetimeoffset	10	34	7	Report	
ModifiedById	bigint	8	19	0	Report	
ModifiedDate	datetimeoffset	10	34	7	Report	

Field Descriptions

Name	Description	Example
EstimateCostSourceId	Unique identifier assigned to each record in the table	1
EstimateCostSourceUF	System generated field, for internal use only	N/A
EstimateCostSourceUID	Unique identifier for the Cost Source. Not visible in the Interface	2FB8795D-12B7-428F-BC84-FDE202E77D47
Description	Cost Source Description field value. Found as an attribute on the Cost Item record and Register. There are 3 Pre-Defined Cost Sources	Plug Detail Quote
SaveID	Field for internal use only	0
BidMasterJobUID	Identifier of the Job record from the Jobs table in the BidMaster database. This	5376AA5E-8C85-43E8-9ACB-D7422000E832

	field is not unique in this table but is unique to an instance of a Job. Not visible in the interface.	
LastUpdateID	Field for internal use only	1
IsActive	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	1
CreatedById	System generated Id, will always represent the system, not actual users. This field is for internal use only.	1
CreatedDate	Date/timestamp record is entered	2022-02-21 17:47:05.4923658 +00:00
ModifiedById	System generated Id, will always represent the system, not actual users. This field is for internal use only.	1
ModifiedDate	Date/timestamp record is modified	2022-02-21 17:47:05.4923658 +00:00

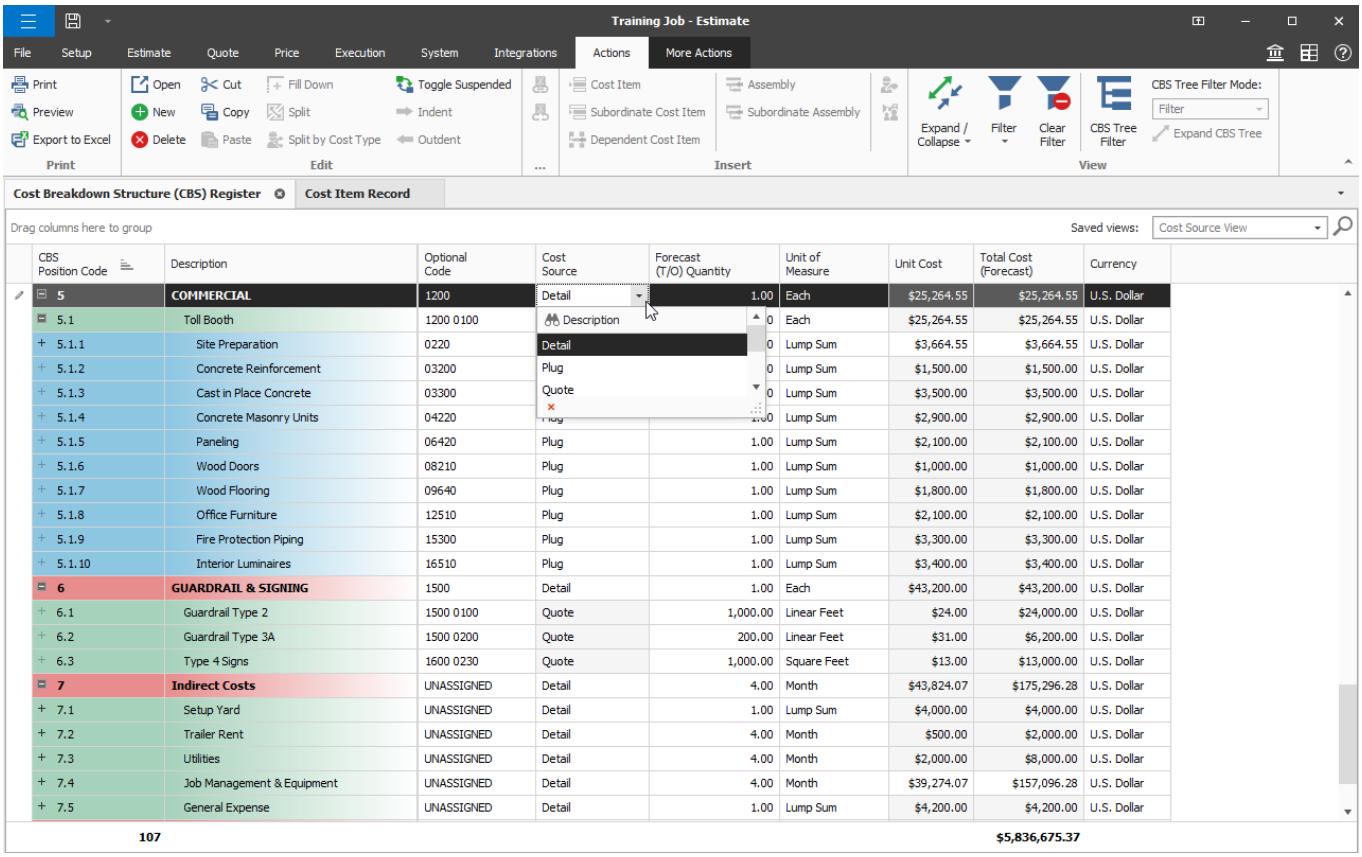
Sample


```
{"EstimateCostSourceId":7710,"EstimateCostSourceUF":"b1f7958b-6e09-02ae-2631-
ad461def904d","EstimateCostSourceUID":"2fb8795d-12b7-428f-bc84-
fde202e77d47","Description":"Plug","SaveID":0,"BidMasterJobUID":"9e4fecd6-7cbe-
4021-9ab5-
50a41f08ed0a","LastUpdateID":83,"IsActive":false,"CreatedById":1,"CreatedDate":"202
1-12-02T20:24:46.6722323Z","ModifiedById":1,"ModifiedDate":"2021-12-
16T17:53:22.8820136Z"}
```

Data Validation

This data can be validated by navigating to CBS, Cost Source column for Cost Items

Figure 1: CBS> Cost Source View> Cost Source column (drop-down field)



CBS Position Code	Description	Optional Code	Cost Source	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)	Currency
5	COMMERCIAL	1200	Detail	1.00	Each	$25,264.55	$25,264.55	U.S. Dollar
5.1	Toll Booth	1200 0100		0	Each	$25,264.55	$25,264.55	U.S. Dollar
5.1.1	Site Preparation	0220		0	Lump Sum	$3,664.55	$3,664.55	U.S. Dollar
5.1.2	Concrete Reinforcement	03200		0	Lump Sum	$1,500.00	$1,500.00	U.S. Dollar
5.1.3	Cast in Place Concrete	03300		0	Lump Sum	$3,500.00	$3,500.00	U.S. Dollar
5.1.4	Concrete Masonry Units	04220		0	Lump Sum	$2,900.00	$2,900.00	U.S. Dollar
5.1.5	Paneling	06420	Plug	1.00	Lump Sum	$2,100.00	$2,100.00	U.S. Dollar
5.1.6	Wood Doors	08210	Plug	1.00	Lump Sum	$1,000.00	$1,000.00	U.S. Dollar
5.1.7	Wood Flooring	09640	Plug	1.00	Lump Sum	$1,800.00	$1,800.00	U.S. Dollar
5.1.8	Office Furniture	12510	Plug	1.00	Lump Sum	$2,100.00	$2,100.00	U.S. Dollar
5.1.9	Fire Protection Piping	15300	Plug	1.00	Lump Sum	$3,300.00	$3,300.00	U.S. Dollar
5.1.10	Interior Luminaires	16510	Plug	1.00	Lump Sum	$3,400.00	$3,400.00	U.S. Dollar
6	GUARDRAIL & SIGNING	1500	Detail	1.00	Each	$43,200.00	$43,200.00	U.S. Dollar
6.1	Guardrail Type 2	1500 0100	Quote	1,000.00	Linear Feet	$24.00	$24,000.00	U.S. Dollar
6.2	Guardrail Type 3A	1500 0200	Quote	200.00	Linear Feet	$31.00	$6,200.00	U.S. Dollar
6.3	Type 4 Signs	1600 0230	Quote	1,000.00	Square Feet	$13.00	$13,000.00	U.S. Dollar
7	Indirect Costs	UNASSIGNED	Detail	4.00	Month	$43,824.07	$175,296.28	U.S. Dollar
7.1	Setup Yard	UNASSIGNED	Detail	1.00	Lump Sum	$4,000.00	$4,000.00	U.S. Dollar
7.2	Trailer Rent	UNASSIGNED	Detail	4.00	Month	$500.00	$2,000.00	U.S. Dollar
7.3	Utilities	UNASSIGNED	Detail	4.00	Month	$2,000.00	$8,000.00	U.S. Dollar
7.4	Job Management & Equipment	UNASSIGNED	Detail	4.00	Month	$39,274.07	$157,096.28	U.S. Dollar
7.5	General Expense	UNASSIGNED	Detail	1.00	Lump Sum	$4,200.00	$4,200.00	U.S. Dollar
107							$5,836,675.37	

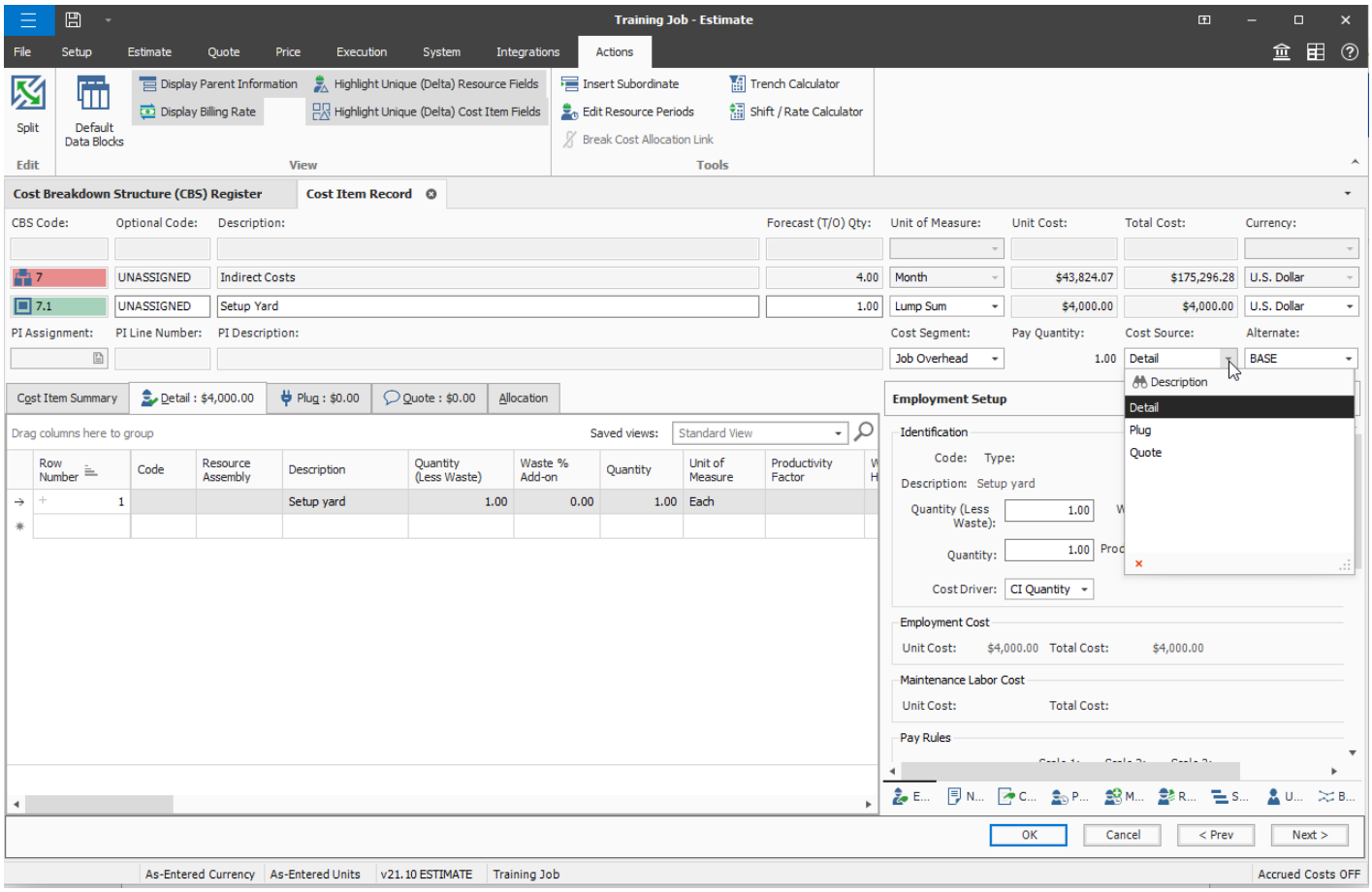



Figure 2: Cost Source Field on Cost Item Record