INEIGHT

Explore API Documentation

SelfService_Estimate_CostItemPlugs

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	6-Jun-2022	Initial draft	Aaron Cohen
2.0	10-Dec-2025	Updated refresh data	Litzy Mora

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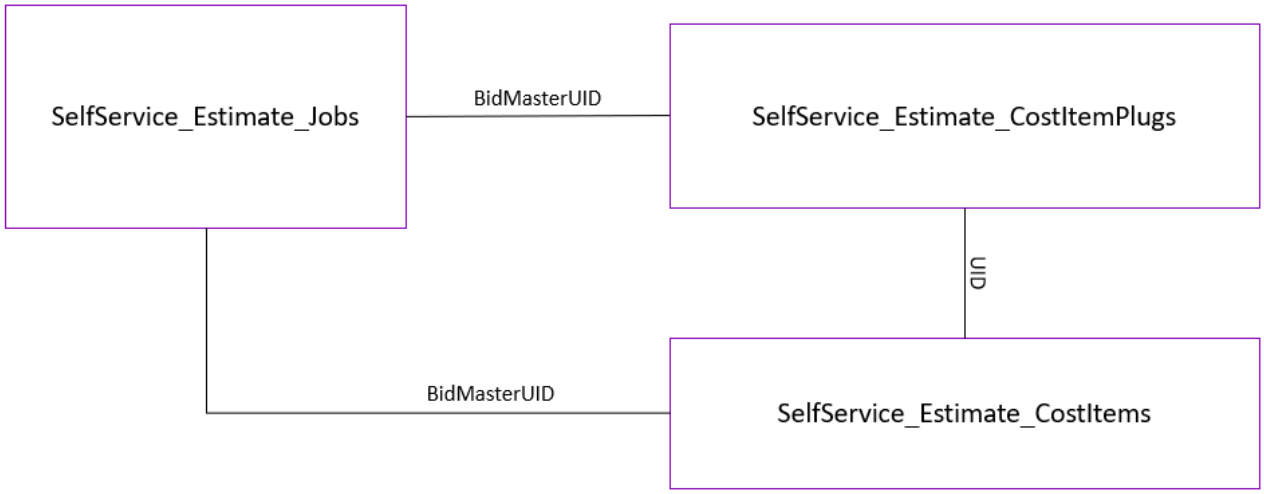
Overview

The ***SelfService_Estimate_CostItemPlugs*** API provides the breakdown of Unit Costs by Cost Category for Cost Items where a Plug cost has been defined. This data can be found in the Plug tab of the Cost Item record

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
CostItemPlugs (CIP)	Jobs (J)	CIP.BidMasterJobUID = J.BidMasterJobUID	M:1	
CostItemPlugs (CIP)	CostItems (CI)	CIP.CostItemUID = CI.UID	1:1	



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_CostItemPlug
Data Refresh/Delta/Incremental	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

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

Loads		than 15 minutes, please submit a ticket with the Service Desk.
Project Suite	**Starting Version**	23.6
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	Char Max Length	Numeric Precision	Date Precision	Product	PK
EstimateCostItemPlugId	bigint	8	19	0	Estimate	X
EstimateCostItemPlugUF	uniqueidentifier	16	0	0	Estimate	
EstimateCostItemPlugUID	uniqueidentifier	16	0	0	Estimate	
C_PlugValue_0	float	8	53	0	Estimate	
C_PlugValue_1	float	8	53	0	Estimate	
C_PlugValue_2	float	8	53	0	Estimate	
C_PlugValue_3	float	8	53	0	Estimate	
C_PlugValue_4	float	8	53	0	Estimate	
C_PlugValue_5	float	8	53	0	Estimate	
C_PlugValue_6	float	8	53	0	Estimate	
C_PlugValue_7	float	8	53	0	Estimate	
C_PlugValue_8	float	8	53	0	Estimate	
C_PlugValue_9	float	8	53	0	Estimate	
C_PlugValue_10	float	8	53	0	Estimate	
C_PlugValue_11	float	8	53	0	Estimate	
C_PlugValue_12	float	8	53	0	Estimate	
C_PlugValue_13	float	8	53	0	Estimate	
C_PlugValue_14	float	8	53	0	Estimate	
C_PlugValue_15	float	8	53	0	Estimate	
C_PlugValue_16	float	8	53	0	Estimate	
C_PlugValue_17	float	8	53	0	Estimate	
C_PlugValue_18	float	8	53	0	Estimate	
C_PlugValue_19	float	8	53	0	Estimate	
C_PlugValue_20	float	8	53	0	Estimate	
C_PlugValue_21	float	8	53	0	Estimate	
C_PlugValue_22	float	8	53	0	Estimate	
C_PlugValue_23	float	8	53	0	Estimate	
C_PlugValue_24	float	8	53	0	Estimate	
C_PlugValue_25	float	8	53	0	Estimate	
C_PlugValue_26	float	8	53	0	Estimate	
C_PlugValue_27	float	8	53	0	Estimate	
C_PlugValue_28	float	8	53	0	Estimate	

C_PlugValue_29	float	8	53	0	Estimate	
C_PlugValue_30	float	8	53	0	Estimate	
C_PlugValue_31	float	8	53	0	Estimate	
C_PlugValue_32	float	8	53	0	Estimate	
C_PlugValue_33	float	8	53	0	Estimate	
C_PlugValue_34	float	8	53	0	Estimate	
C_PlugValue_35	float	8	53	0	Estimate	
C_PlugValue_36	float	8	53	0	Estimate	
C_PlugValue_37	float	8	53	0	Estimate	
C_PlugValue_38	float	8	53	0	Estimate	
C_PlugValue_39	float	8	53	0	Estimate	
C_PlugValue_40	float	8	53	0	Estimate	
C_PlugValue_41	float	8	53	0	Estimate	
C_PlugValue_42	float	8	53	0	Estimate	
C_PlugValue_43	float	8	53	0	Estimate	
C_PlugValue_44	float	8	53	0	Estimate	
C_PlugValue_45	float	8	53	0	Estimate	
C_PlugValue_46	float	8	53	0	Estimate	
C_PlugValue_47	float	8	53	0	Estimate	
C_PlugValue_48	float	8	53	0	Estimate	
C_PlugValue_49	float	8	53	0	Estimate	
C_PlugValue_50	float	8	53	0	Estimate	
C_PlugValue_51	float	8	53	0	Estimate	
C_PlugValue_52	float	8	53	0	Estimate	
C_PlugValue_53	float	8	53	0	Estimate	
C_PlugValue_54	float	8	53	0	Estimate	
C_PlugValue_55	float	8	53	0	Estimate	
C_PlugValue_56	float	8	53	0	Estimate	
C_PlugValue_57	float	8	53	0	Estimate	
C_PlugValue_58	float	8	53	0	Estimate	
C_PlugValue_59	float	8	53	0	Estimate	
C_PlugValue_60	float	8	53	0	Estimate	
C_PlugValue_61	float	8	53	0	Estimate	
C_PlugValue_62	float	8	53	0	Estimate	
C_PlugValue_63	float	8	53	0	Estimate	
C_PlugValue_64	float	8	53	0	Estimate	
C_PlugValue_65	float	8	53	0	Estimate	
C_PlugValue_66	float	8	53	0	Estimate	
C_PlugValue_67	float	8	53	0	Estimate	
C_PlugValue_68	float	8	53	0	Estimate	
C_PlugValue_69	float	8	53	0	Estimate	
C_PlugValue_70	float	8	53	0	Estimate	
C_PlugValue_71	float	8	53	0	Estimate	

C_PlugValue_72	float	8	53	0	Estimate	
C_PlugValue_73	float	8	53	0	Estimate	
C_PlugValue_74	float	8	53	0	Estimate	
C_PlugValue_75	float	8	53	0	Estimate	
C_PlugValue_76	float	8	53	0	Estimate	
C_PlugValue_77	float	8	53	0	Estimate	
C_PlugValue_78	float	8	53	0	Estimate	
C_PlugValue_79	float	8	53	0	Estimate	
C_PlugValue_80	float	8	53	0	Estimate	
C_PlugValue_81	float	8	53	0	Estimate	
C_PlugValue_82	float	8	53	0	Estimate	
C_PlugValue_83	float	8	53	0	Estimate	
C_PlugValue_84	float	8	53	0	Estimate	
C_PlugValue_85	float	8	53	0	Estimate	
C_PlugValue_86	float	8	53	0	Estimate	
C_PlugValue_87	float	8	53	0	Estimate	
C_PlugValue_88	float	8	53	0	Estimate	
C_PlugValue_89	float	8	53	0	Estimate	
C_PlugValue_90	float	8	53	0	Estimate	
C_PlugValue_91	float	8	53	0	Estimate	
C_PlugValue_92	float	8	53	0	Estimate	
C_PlugValue_93	float	8	53	0	Estimate	
C_PlugValue_94	float	8	53	0	Estimate	
C_PlugValue_95	float	8	53	0	Estimate	
C_PlugValue_96	float	8	53	0	Estimate	
C_PlugValue_97	float	8	53	0	Estimate	
C_PlugValue_98	float	8	53	0	Estimate	
C_PlugValue_99	float	8	53	0	Estimate	
C_PlugValue_100	float	8	53	0	Estimate	
C_PlugValue_101	float	8	53	0	Estimate	
C_PlugValue_102	float	8	53	0	Estimate	
BillingInfoDriver	int	4	10	0	Estimate	
BillingRate	float	8	53	0	Estimate	
BillingRateMarkup	float	8	53	0	Estimate	
BillingRateMarkupPercent	float	8	53	0	Estimate	
EstimateCostItemUID	uniqueidentifier	16	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	Estimate	
CreatedById	bigint	8	19	0	Estimate	
CreatedDate	datetimeoffset	10	34	7	Estimate	
ModifiedById	bigint	8	19	0	Estimate	

ModifiedDate	datetimeoffset	10	34	7	Estimate	

Field Descriptions

Name	Description	Example
EstimateCostItemPlugId	Unique identifier assigned to each record in the table	146680
EstimateCostItemPlugUF	System generated field, for internal use only	fc449f9e-0c9c-0bdd-135b-5755a82205ab
EstimateCostItemPlugUID	"Unique identifier for the Cost Items Plug Cost.	
C_PlugValue_0	Not visible in the Interface"	bfb4fd1a-f1bb-4c6b-93a3-b9bfebfee05c
C_PlugValue_1	Total	3300
C_PlugValue_2	Labor	0
C_PlugValue_3	Labor Base	0
C_PlugValue_4	Labor Burden	0
C_PlugValue_5	Labor Fringes	0
C_PlugValue_6	Travel	0
C_PlugValue_7	Premium	0
C_PlugValue_8	Holiday	0
C_PlugValue_9	Savings	0
C_PlugValue_10	Pension	0
C_PlugValue_11	Vacation	0
C_PlugValue_12	Subsistence	0
C_PlugValue_13	Health & Welfare	0
C_PlugValue_14	Apprenticeship	0
C_PlugValue_15	Undefined Fringe 1	0
C_PlugValue_16	Undefined Fringe 2	0
C_PlugValue_17	Undefined Labor Fringes	0
C_PlugValue_18	Labor Insurance	0
C_PlugValue_19	Bodily Injury & Property Damage	0
C_PlugValue_20	Workers Compensation	0
C_PlugValue_21	Undefined Insurance 1	0
C_PlugValue_22	Undefined Insurance 2	0
C_PlugValue_23	Undefined Labor Insurance	0
C_PlugValue_24	Labor Taxes	0
C_PlugValue_25	FICA	0
C_PlugValue_26	FUTA	0
C_PlugValue_27	SUTA	0
C_PlugValue_28	Undefined Tax 1	0
C_PlugValue_29	Undefined Labor Taxes	0
C_PlugValue_30	Undefined Labor Burden	0

C_PlugValue_31	Undefined Labor	0
C_PlugValue_32	Owned Equipment	0
C_PlugValue_33	OE Ownership	0
C_PlugValue_34	OE Depreciation	0
C_PlugValue_35	OE Overhead	0
C_PlugValue_36	OE Cost of Facilities Capital (Cfc)	0
C_PlugValue_37	OE Insurance	0
C_PlugValue_38	OE License	0
C_PlugValue_39	OE Taxes	0
C_PlugValue_40	OE Overhaul Parts	0
C_PlugValue_41	OE Overhaul Labor	0
C_PlugValue_42	OE Undefined Ownership 1	0
C_PlugValue_43	Undefined OE Ownership	0
C_PlugValue_44	OE Operation	0
C_PlugValue_45	OE Repair Parts	0
C_PlugValue_46	OE Repair Labor	0
C_PlugValue_47	OE Fuel	0
C_PlugValue_48	OE Lube	0
C_PlugValue_49	OE Tires & Tracks	0
C_PlugValue_50	OE Ground Engaging Components	0
C_PlugValue_51	OE Undefined Operation 1	0
C_PlugValue_52	Undefined OE Operation	0
C_PlugValue_53	Undefined Owned Equipment	0
C_PlugValue_54	Rented Equipment	0
C_PlugValue_55	RE Rental	0
C_PlugValue_56	RE Rent Expense	0
C_PlugValue_57	RE Overhead	0
C_PlugValue_58	RE Finance Expense	0
C_PlugValue_59	RE Insurance	0
C_PlugValue_60	RE License	0
C_PlugValue_61	RE Rental Taxes	0
C_PlugValue_62	RE Overhaul Parts	0
C_PlugValue_63	RE Overhaul Labor	0
C_PlugValue_64	RE Undefined Rent 1	0
C_PlugValue_65	Undefined RE Rental	0
C_PlugValue_66	RE Operation	0
C_PlugValue_67	RE Repair Parts	0
C_PlugValue_68	RE Repair Labor	0
C_PlugValue_69	RE Fuel	0
C_PlugValue_70	RE Lube	0
C_PlugValue_71	RE Tires & Tracks	0
C_PlugValue_72	RE Ground Engaging Components	0

C_PlugValue_73	RE Undefined Operation 1	0
C_PlugValue_74	Undefined RE Operation	0
C_PlugValue_75	Undefined Rented Equipment	0
C_PlugValue_76	Supplies	0
C_PlugValue_77	Undefined Supplies	0
C_PlugValue_78	Materials	0
C_PlugValue_79	Installed Equipment	0
C_PlugValue_80	Installed Materials	0
C_PlugValue_81	Construction Supplies	0
C_PlugValue_82	Undefined Materials	0
C_PlugValue_83	Subcontract	3300
C_PlugValue_84	Subcontract Price	0
C_PlugValue_85	Subcontract Conditions	0
C_PlugValue_86	Subcontract Taxes	0
C_PlugValue_87	Subcontract Bond	0
C_PlugValue_88	Undefined Subcontract	3300
C_PlugValue_89	Fees	0
C_PlugValue_90	Job Bond	0
C_PlugValue_91	Job Insurance	0
C_PlugValue_92	Finance Expense	0
C_PlugValue_93	Business Taxes	0
C_PlugValue_94	Sales Taxes	0
C_PlugValue_95	Fees Undefined 1	0
C_PlugValue_96	Undefined Fees	0
C_PlugValue_97	Allowance	0
C_PlugValue_98	Risk Allowance	0
C_PlugValue_99	Contingency Allowance	0
C_PlugValue_100	Adjustment Allowance	0
C_PlugValue_101	Undefined Allowance	0
C_PlugValue_102	Custom Category 1	0
BillingInfoDriver	Undefined	0
BillingRate	Field for internal use only	0
BillingRateMarkup	Value of the Billing Rate field in the Cost Category breakdown tree on the Plug tab of the Cost Item Record	0
BillingRateMarkupPercent	Value of the Billing Rate Markup field in the Cost Category breakdown tree on the Plug tab of the Cost Item Record	0
EstimateCostItemUID	Value of the Billing Rate Markup % field in the Cost Category breakdown tree on the Plug tab of the Cost Item Record	0

SaveID	Identifier of the Cost Item for which the plug values exist	50a02a59-4110-4a1c-b89f-812e87e03f1a
BidMasterJobUID	Field for internal use only	0
LastUpdateID	Identifier of the Job record from the Jobs table in the BidMaster database. This field is not unique in this table but is unique to an instance of a Job. Not visible in the application	43f06284-fd27-47b6-80f8-eeea43dce5f7
IsActive	Field for internal use only	37
CreatedById	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	true
CreatedDate	System generated Id, will always represent the system, not actual users. This field is for internal use only	1
ModifiedById	Date/timestamp record is entered	2023-06-15T22:47:57.8795518Z
ModifiedDate	System generated Id, will always represent the system, not actual users. This field is for internal use only	1

Sample


```
{
    "EstimateCostItemPlugId": 146680,
    "EstimateCostItemPlugUF": "fc449f9e-0c9c-0bdd-135b-5755a82205ab",
    "EstimateCostItemPlugUID": "bfb4fd1a-f1bb-4c6b-93a3-b9bfebfee05c",
    "C_PlugValue_0": 3300.0,
    "C_PlugValue_1": 0.0,
    "C_PlugValue_2": 0.0,
    "C_PlugValue_3": 0.0,
    "C_PlugValue_4": 0.0,
    "C_PlugValue_5": 0.0,
    "C_PlugValue_6": 0.0,
    "C_PlugValue_7": 0.0,
    "C_PlugValue_8": 0.0,
    "C_PlugValue_9": 0.0,
    "C_PlugValue_10": 0.0,
    "C_PlugValue_11": 0.0,
    "C_PlugValue_12": 0.0,
    "C_PlugValue_13": 0.0,
    "C_PlugValue_14": 0.0,
    "C_PlugValue_15": 0.0,
    "C_PlugValue_16": 0.0,
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    "C_PlugValue_18": 0.0,
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"C_PlugValue_19": 0.0,
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"C_PlugValue_29": 0.0,
"C_PlugValue_30": 0.0,
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"C_PlugValue_35": 0.0,
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"C_PlugValue_37": 0.0,
"C_PlugValue_38": 0.0,
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"C_PlugValue_64": 0.0,
"C_PlugValue_65": 0.0,
"C_PlugValue_66": 0.0,
"C_PlugValue_67": 0.0,
"C_PlugValue_68": 0.0,
"C_PlugValue_69": 0.0,
```

```
    "C_PlugValue_70": 0.0,
    "C_PlugValue_71": 0.0,
    "C_PlugValue_72": 0.0,
    "C_PlugValue_73": 0.0,
    "C_PlugValue_74": 0.0,
    "C_PlugValue_75": 0.0,
    "C_PlugValue_76": 0.0,
    "C_PlugValue_77": 0.0,
    "C_PlugValue_78": 0.0,
    "C_PlugValue_79": 0.0,
    "C_PlugValue_80": 0.0,
    "C_PlugValue_81": 0.0,
    "C_PlugValue_82": 3300.0,
    "C_PlugValue_83": 0.0,
    "C_PlugValue_84": 0.0,
    "C_PlugValue_85": 0.0,
    "C_PlugValue_86": 0.0,
    "C_PlugValue_87": 3300.0,
    "C_PlugValue_88": 0.0,
    "C_PlugValue_89": 0.0,
    "C_PlugValue_90": 0.0,
    "C_PlugValue_91": 0.0,
    "C_PlugValue_92": 0.0,
    "C_PlugValue_93": 0.0,
    "C_PlugValue_94": 0.0,
    "C_PlugValue_95": 0.0,
    "C_PlugValue_96": 0.0,
    "C_PlugValue_97": 0.0,
    "C_PlugValue_98": 0.0,
    "C_PlugValue_99": 0.0,
    "C_PlugValue_100": 0.0,
    "C_PlugValue_101": 0.0,
    "C_PlugValue_102": 0.0,
    "BillingInfoDriver": 0,
    "BillingRate": 0.0,
    "BillingRateMarkup": 0.0,
    "BillingRateMarkupPercent": 0.0,
    "EstimateCostItemUID": "50a02a59-4110-4a1c-b89f-812e87e03f1a",
    "SaveID": 0,
    "BidMasterJobUID": "43f06284-fd27-47b6-80f8-eeea43dce5f7",
    "LastUpdateID": 37,
    "IsActive": true,
    "CreatedById": 1,
    "CreatedDate": "2023-06-15T22:47:57.8795518Z",
    "ModifiedById": 1,
    "ModifiedDate": "2023-06-15T22:47:57.8795518Z"
}
```

Data Validation

This data can be validated by navigating to the Plug tab of a Cost Item record and expanding the values in the Cost Category tree.
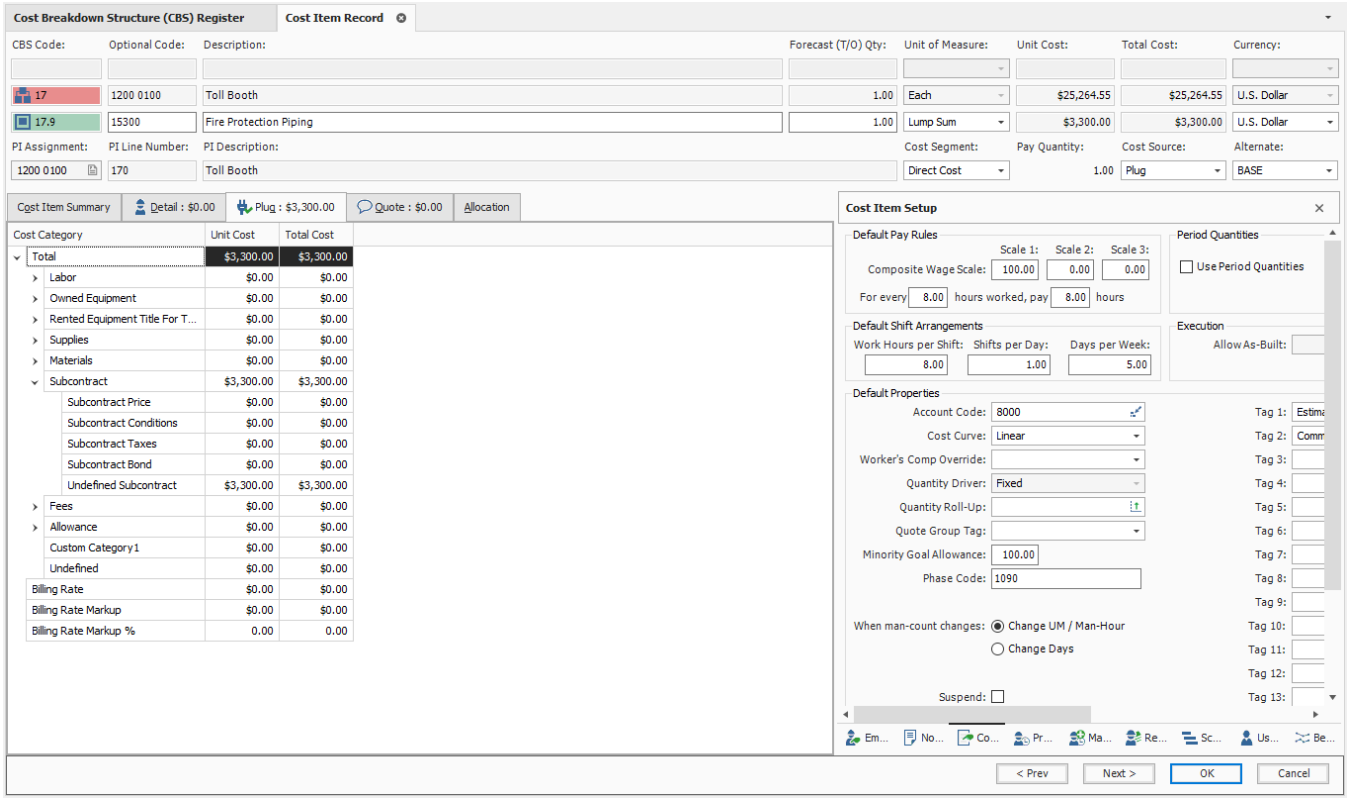
Figure 1: Plug tab of the Cost Item Record