INEIGHT

Explore API Documentation

SelfService_Estimate_QuoteCostItemCalculatedValue

Version 2.0

Last Modified: 10-Dec-202512/11/2025

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_QuoteCostItemCalculatedValues*** API is one of multiple API's comprising the data contained in the Cost Item type Quote Items on a Quote record.

The Cost Item type Quote Item entity mainly includes three tables

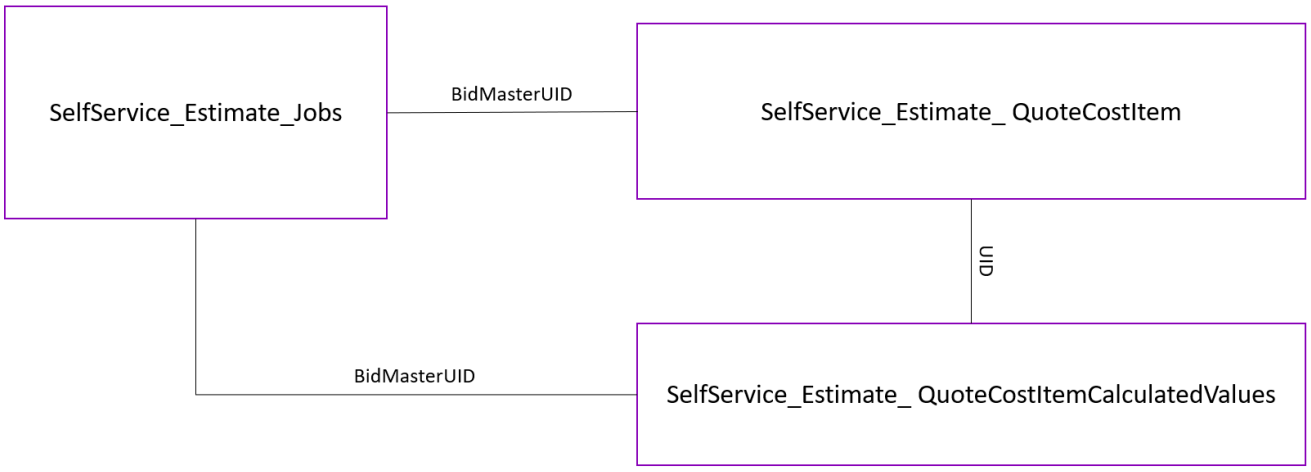
- The *SelfService_Estimate_QuoteCostItem* table containing the Cost Item type Quote Items as created and managed in the Estimate application.
- The *SelfService_Estimate_QuoteCostItemCalculatedValues* table containing Cost Item type Quote Item data commonly calculated in some way for display purposes in the application and can provide a convenient way to reference data as it appears in the application without needing to transform it for display purposes.
- The *SelfService_Estimate_QuoteCostItemReferencedData* table contains the values of the many foreign key lookup values stored in the jobs tables and can provide a convenient way to reference data as it appears in the application without needing to lookup the foreign key values from a lookup table

Monetary values stored in the database are stored in their base currency and corresponding values displayed in the application have been modified based on the conversion factor of the items assigned currency.

Quantity values stored in the database are stored in their base measurement units and corresponding values displayed in the application are potentially modified based on the conversation factor of the items unit of measure

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
QuoteCostItemCalculatedValues (QCICV)	Jobs (J)	QCICV.BidMasterJobUID = J.BidMasterJobUID	M:1	
QuoteCostItemCalculatedValues (QCICV)	QuoteCostItem (QCI)	QCICV.UID = QCI.UID	1:1	



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

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_QuoteCostItemcalculatedValue
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**	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
EstimateQuoteCostItemCalculatedValueId	bigint	8	19	0	Estimate	X
EstimateQuoteCostItemCalculatedValueUF	uniqueidentifier	16	0	0	Estimate	
EstimateQuoteCostItemCalculatedValueUID	uniqueidentifier	16	0	0	Estimate	
Bond	float	8	53	0	Estimate	
Conditions	float	8	53	0	Estimate	
EstimateCurrencyUID	uniqueidentifier	16	0	0	Estimate	
HiddenSort	nvarchar	100	0	0	Estimate	
Identifier	nvarchar	2000	0	0	Estimate	
LoadedTotalCost	float	8	53	0	Estimate	
LoadedUnitCost	float	8	53	0	Estimate	
PayItemDescription	nvarchar	2000	0	0	Estimate	
PayItemID	nvarchar	100	0	0	Estimate	
PayItemLineNumber	nvarchar	100	0	0	Estimate	
PlugPrice	float	8	53	0	Estimate	
PlugTotalCost	float	8	53	0	Estimate	
Price	float	8	53	0	Estimate	

Taxes	float	8	53	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
EstimateQuoteCostItemCalculatedValueId	Unique identifier assigned to each record in the table	661181
EstimateQuoteCostItemCalculatedValueUF	System generated field, for internal use only	110528b3-c68f-0e43-1427-fd0dbcecb3d2
EstimateQuoteCostItemCalculatedValueUID	Unique identifier for the Quote Item. Not visible in the Interface	59704811-dc0f-4060-9207-981fd71ac943
Bond	Unit Rate for the Bond amount of the Quote Item	0
Conditions	Unit Rate for the Conditions amount of the Quote Item	8.202099737532809
EstimateCurrencyUID	Identifier of the Quote Items assigned Currency as derived from the Quote Items corresponding Cost Item	58687bb8-8107-4b88-ae04-f236c3050e58
HiddenSort	Quote Item sort order as determined by the associated Cost Items HiddenSort value	a18
Identifier	Field for internal use only	null
LoadedTotalCost	Overall Total Cost amount of the Quote Item	28625
LoadedUnitCost	Overall Unit Cost amount of the Quote Item	93.91404199475065
PayItemDescription	Description of the Pay Item assigned to a Quote Items corresponding Cost Items	Guardrail Type 2
PayItemID	Identifier of the Pay Item assigned to a Quote Items corresponding Cost Items	1500 0100
PayItemLineNumber	Line Number field value of the Pay Item assigned to a Quote Items corresponding Cost Items	180
PlugPrice	Plug Unit Cost value of the Quote Items corresponding Cost Item	82.02099737532808

PlugTotalCost	Plug Total Cost value of the Quote Items corresponding Cost Item	25000
Price	Unit Rate for the base amount of the Quote Item	82.02099737532808
Taxes	Unit Rate for the Tax amount of the Quote Item	3.6909448818897634
BidMasterJobUID	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	487560a2-1a80-4e23-8620-65126bf67a91
LastUpdateID	Field for internal use only	76
IsActive	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	true
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	2023-06-24T01:16:33.8324636Z
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	2023-06-24T01:16:33.8324636Z

Sample


```
{
    "EstimateQuoteCostItemCalculatedValueId": 661181,
    "EstimateQuoteCostItemCalculatedValueUF": "110528b3-c68f-0e43-1427-
fd0dbcecb3d2",
    "EstimateQuoteCostItemCalculatedValueUID": "59704811-dc0f-4060-9207-
981fd71ac943",
    "Bond": 0.0,
    "Conditions": 8.2020997375328086,
    "EstimateCurrencyUID": "58687bb8-8107-4b88-ae04-f236c3050e58",
    "HiddenSort": "a18",
    "Identifier": null,
    "LoadedTotalCost": 28625.0,
    "LoadedUnitCost": 93.914041994750647,
    "PayItemDescription": "Guardrail Type 2",
    "PayItemID": "1500 0100",
```

```
    "PayItemLineNumber": "180",
    "PlugPrice": 82.020997375328079,
    "PlugTotalCost": 25000.0,
    "Price": 82.020997375328079,
    "Taxes": 3.6909448818897634,
    "BidMasterJobUID": "487560a2-1a80-4e23-8620-65126bf67a91",
    "LastUpdateID": 76,
    "IsActive": true,
    "CreatedById": 1,
    "CreatedDate": "2023-06-24T01:16:33.8324636Z",
    "ModifiedById": 1,
    "ModifiedDate": "2023-06-24T01:16:33.8324636Z"
}
```

Data Validation

Quote Items can be validated by opening the Quote record and navigating to the Cost Items tab

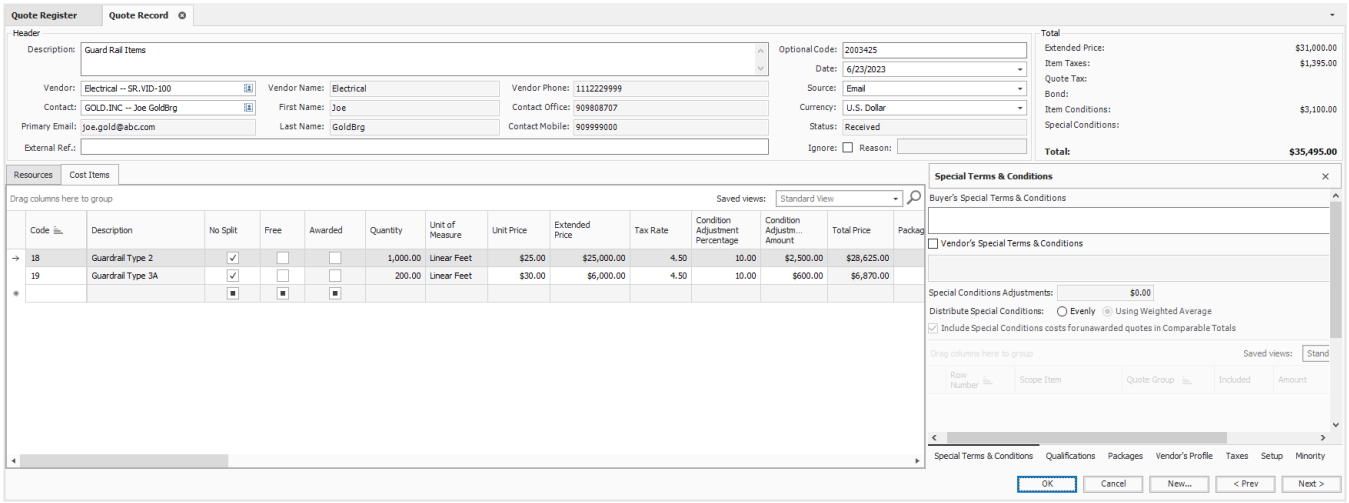



Figure 1: Cost Items tab of the Quote Record