Explore API Documentation

SelfService_Estimate_QuoteResourceItemsCalculatedValues

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	1-May-2024	Initial release	Aaron Cohen
2.0	10-Dec-2025	Updated refresh data	Litzy Mora

Contents

Change Log....2
Overview....3
Relationships and Dependencies....3
API Detail....4
Supported Filters....4
Fields....5
Field Descriptions....5
Sample....6
Data Validation....7

Overview

The ***SelfService_Estimate_QuoteResourceItemsCalculatedValues*** API provides the calculated values for Resource based Quote Items. This 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_QuoteResourceItem* table containing the Resource type Quote Items as created and managed in the Estimate application.
- The *SelfService_Estimate_QuoteResourceItemCalculatedValues* table containing Resource 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_QuoteResourceItemReferencedData* 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

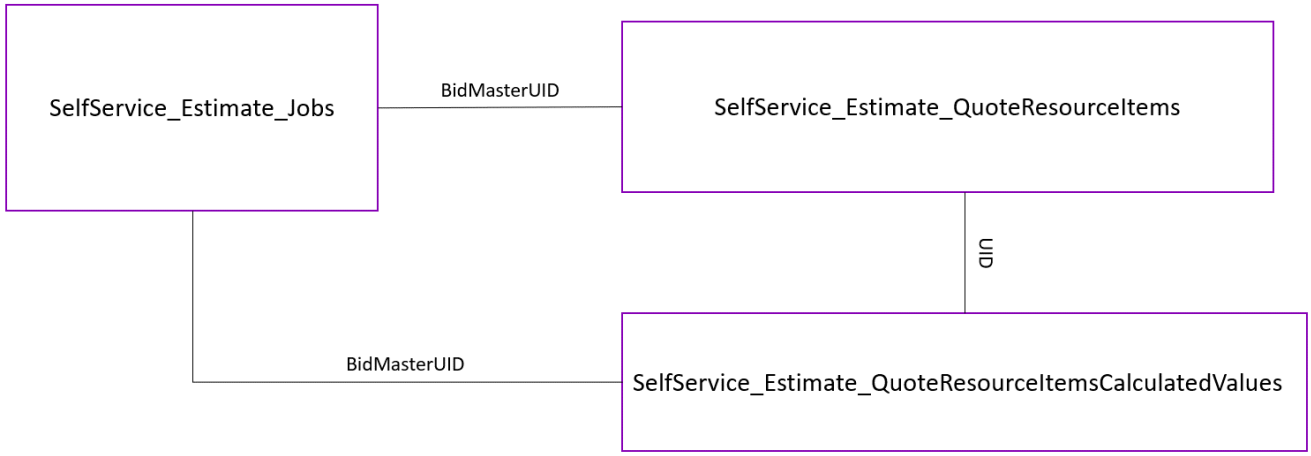
Monetary values stored in the database are stored in their base currency and corresponding values displayed in the application have been modified based on the conversion factor of the items assigned currency.

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]
QuoteResourceItemsCalculatedValues (QRICV)	Jobs (J)	QRICV.BidMasterJobUID = J.BidMasterJobUID	M:1
QuoteResourceItemsCalculatedValues (QRICV)	QuoteResourceItems (QRI)	QRICV.EstimateQuoteResourceItemCalculatedValueUID = QRI.EstimateQuoteResourceItemsUID	M:1
QuoteResourceItemsCalculatedValues (QRICV)	Currencies (C)	QRICV.EstimateCurrencyUID = C.EstimateCurrencyUID	M: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_QuoteResourceItemsCalculatedValues
Replicate View		[SelfService].[vwEstimateQuoteResourceItemsCalculatedValues]
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**	24.3
	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
EstimateQuoteResourceItemCalculatedValueId	bigint	8	19	0	Estimate	X
EstimateQuoteResourceItemCalculatedValueUF	uniqueidentifier	16	0	0	Estimate	
EstimateQuoteResourceItemCalculatedValueUID	uniqueidentifier	16	0	0	Estimate	
Bond	float	8	53	0	Estimate	
Conditions	float	8	53	0	Estimate	
EstimateCurrencyUID	uniqueidentifier	16	0	0	Estimate	
LoadedTotalCost	float	8	53	0	Estimate	
LoadedUnitCost	float	8	53	0	Estimate	
PlugPrice	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
EstimateQuoteResourceItemCalculatedValueId	Unique identifier assigned to each record in the table	607351
EstimateQuoteResourceItemCalculatedValueUF	System generated field, for internal use only	b9e93650-aa62-005d-1e7f-82a09b119eb5
EstimateQuoteResourceItemCalculatedValueUID	Identifier of the Resource Quote Item	2fbf7c2d-c849-4146-b6d4-8f13827e35b1
Bond	Unit Rate for the Bond amount of the Quote Item	0
Conditions	Unit Rate for the Conditions amount of the Quote Item	0
EstimateCurrencyUID	Identifier of the Quote Items assigned Currency as derived from the Quote Items corresponding Resource	58687bb8-8107-4b88-ae04-f236c3050e58
LoadedTotalCost	Overall Total Cost amount of the Quote Item	150822.00000000003
LoadedUnitCost	Overall Unit Cost amount of the Quote Item	41.338582677165356

PlugPrice	Plug Unit Cost value of the Quote Items corresponding Resource	10.748031496062993
Price	Unit Rate for the base amount of the Quote Item	39.37007874015748
Taxes	Unit Rate for the Tax amount of the Quote Item	1.968503937007874
BidMasterJobUID	Identifier of the Job record from the Jobs table in the BidMaster database.	96564a7d-622b-411b-a8ab-0db3196fab04
LastUpdateID	Field for internal use only	3270
IsActive	Indicates if record is active.	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	2024-03-21T22:11:28.8375028Z
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	2024-03-21T22:11:28.8375028Z

Sample


```
{
        "EstimateQuoteResourceItemCalculatedValueId": 607351,
        "EstimateQuoteResourceItemCalculatedValueUF": "b9e93650-aa62-005d-1e7f-
82a09b119eb5",
        "EstimateQuoteResourceItemCalculatedValueUID": "2fbf7c2d-c849-4146-b6d4-
8f13827e35b1",
        "Bond": 0.0,
        "Conditions": 0.0,
        "EstimateCurrencyUID": "58687bb8-8107-4b88-ae04-f236c3050e58",
        "LoadedTotalCost": 150822.00000000003,
        "LoadedUnitCost": 41.338582677165356,
        "PlugPrice": 10.748031496062993,
        "Price": 39.370078740157481,
        "Taxes": 1.9685039370078741,
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "LastUpdateID": 3270,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-03-21T22:11:28.8375028Z",
        "ModifiedById": 1,
```

```
        "ModifiedDate": "2024-03-21T22:11:28.8375028Z"
}
```


Data Validation

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

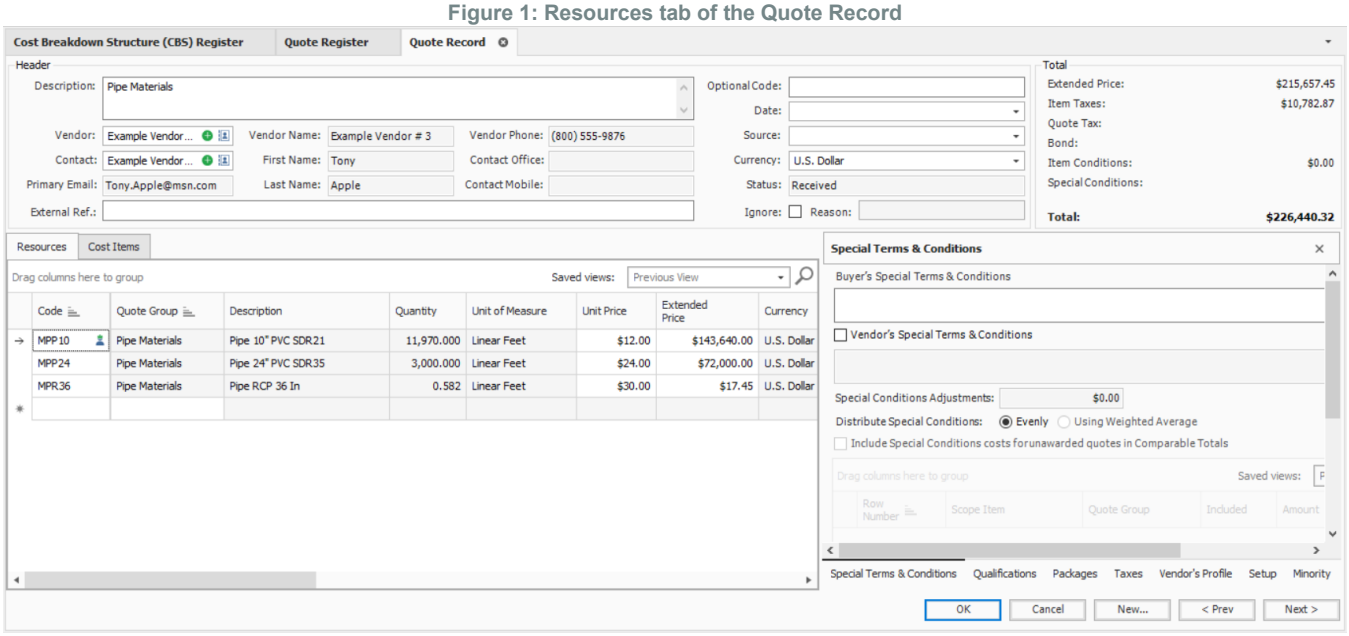



Figure 1: Resources tab of the Quote Record