Explore API Documentation

SelfService_Estimate_QuoteCostItemReferencedData

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

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Overview

The ***SelfService_Estimate_QuoteCostItemReferencedData*** 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

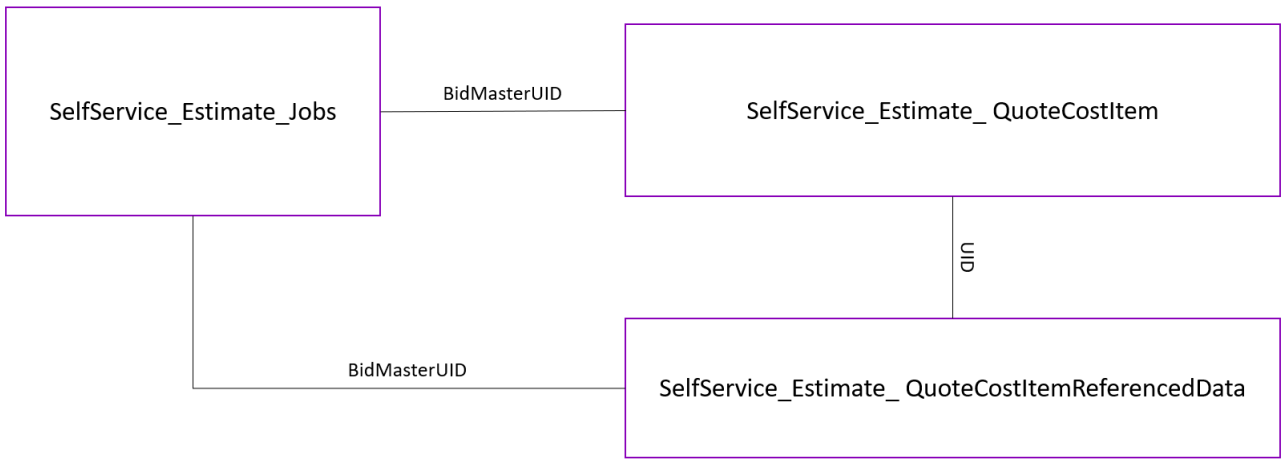
- The *SelfService_Estimate_QuoteCostItem* table containing the Cost Item type Quote Items as created and managed in the Estimate application.
- The *SelfService_Estimate_QuoteCostItemCalculatedValues* table containing Cost Item type Quote Item data commonly calculated in some way for display purposes 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
QuoteCostItemReferencedData (QCIRD)	Jobs (J)	QCIRD.BidMasterJobUID = J.BidMasterJobUID	M:1	
QuoteCostItemReferencedData (QCIRD)	QuoteCostItem (QCI)	QCIRD.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_QuoteCostItemReferencedData
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
EstimateQuoteCostItemReferencedDataId	bigint	8	19	0	Estimate	X
EstimateQuoteCostItemReferencedDataUF	uniqueidentifier	16	0	0	Estimate	
EstimateQuoteCostItemReferencedDataUID	uniqueidentifier	16	0	0	Estimate	
AlternateUnitOfMeasureName	nvarchar	50	0	0	Estimate	
CurrencyName	nvarchar	400	0	0	Estimate	
ItemWbsCode	nvarchar	100	0	0	Estimate	
PackageCode	nvarchar	3	0	0	Estimate	
QuoteGroupDescription	nvarchar	50	0	0	Estimate	
QuoteDescription	nvarchar	2000	0	0	Estimate	
UnitOfMeasureName	nvarchar	50	0	0	Estimate	
UserTag1Code	nvarchar	260	0	0	Estimate	
UserTag2Code	nvarchar	260	0	0	Estimate	
UserTag3Code	nvarchar	260	0	0	Estimate	
UserTag4Code	nvarchar	260	0	0	Estimate	
UserTag5Code	nvarchar	260	0	0	Estimate	
UserTag6Code	nvarchar	260	0	0	Estimate	
UserTag7Code	nvarchar	260	0	0	Estimate	

UserTag8Code	nvarchar	260	0	0	Estimate	
UserTag9Code	nvarchar	260	0	0	Estimate	
UserTag10Code	nvarchar	260	0	0	Estimate	
BidMasterJobUID	uniqueidentifier	16	0	0	Estimate	
BidMasterJobCode	nvarchar	200	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
EstimateQuoteCostItemReferencedDataId	Unique identifier assigned to each record in the table	661181
EstimateQuoteCostItemReferencedDataUF	System generated field, for internal use only	110528b3-c68f-0e43-1427-fd0dbcecb3d2
EstimateQuoteCostItemReferencedDataUID	Unique identifier for the Quote Item. Not visible in the Interface	59704811-dc0f-4060-9207-981fd71ac943
AlternateUnitOfMeasureName	The Base Unit of Measure for the Quote Items corresponding Cost Items assigned Unit of Measure for	Meter
CurrencyName	Quote Items assigned Currency as derived from the Quote Items corresponding Cost Item	U.S. Dollar
ItemWbsCode	Quote Items Cost Item Position Code as derived from the Quote Items corresponding Cost Item	18
PackageCode	Value of the Package assignment for the Quote Item	null
QuoteGroupDescription	Value of the Quote Group Description assigned to the Quote Items corresponding Cost Item	Guardrail Work
QuoteDescription	Quote Description found in the Header of the Quote Record	Guard Rail Items
UnitOfMeasureName	Assigned Unit of Measure for the Quote Items	Linear Feet

	corresponding Cost Item	
UserTag1Code	Value of the Quote Items Tag 1 field value	Estimator 4
UserTag2Code	Value of the Quote Items Tag 2 field value	Guardrail
UserTag3Code	Value of the Quote Items Tag 3 field value	null
UserTag4Code	Value of the Quote Items Tag 4 field value	null
UserTag5Code	Value of the Quote Items Tag 5 field value	null
UserTag6Code	Value of the Quote Items Tag 6 field value	null
UserTag7Code	Value of the Quote Items Tag 7 field value	null
UserTag8Code	Value of the Quote Items Tag 8 field value	null
UserTag9Code	Value of the Quote Items Tag 9 field value	null
UserTag10Code	Value of the Quote Items Tag 10 field value	null
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
BidMasterJobCode	Value of the Code field on the Overview tab of Job Properties in the Estimate Application. The value of this field is set when a job is created and cannot be modified through the interface	Training Job - Reporting
LastUpdateID	Field for internal use only	74
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	2023-06-24T01:05:31.1682065Z
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	2023-06-

	modified	24T01:05:31.1682065Z

Sample


```
{
    "EstimateQuoteCostItemReferencedDataId": 661181,
    "EstimateQuoteCostItemReferencedDataUF": "110528b3-c68f-0e43-1427-
fd0dbcecb3d2",
    "EstimateQuoteCostItemReferencedDataUID": "59704811-dc0f-4060-9207-
981fd71ac943",
    "AlternateUnitOfMeasureName": "Meter",
    "CurrencyName": "U.S. Dollar",
    "ItemWbsCode": "18",
    "PackageCode": null,
    "QuoteGroupDescription": "Guardrail Work",
    "QuoteDescription": "Guard Rail Items",
    "UnitOfMeasureName": "Linear Feet",
    "UserTag1Code": "Estimator 4",
    "UserTag2Code": "Guardrail",
    "UserTag3Code": null,
    "UserTag4Code": null,
    "UserTag5Code": null,
    "UserTag6Code": null,
    "UserTag7Code": null,
    "UserTag8Code": null,
    "UserTag9Code": null,
    "UserTag10Code": null,
    "BidMasterJobUID": "487560a2-1a80-4e23-8620-65126bf67a91",
    "BidMasterJobCode": "Training Job - Reporting",
    "LastUpdateID": 74,
    "IsActive": true,
    "CreatedById": 1,
    "CreatedDate": "2023-06-24T01:05:31.1682065Z",
    "ModifiedById": 1,
    "ModifiedDate": "2023-06-24T01:05:31.1682065Z"
}
```

Data Validation

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

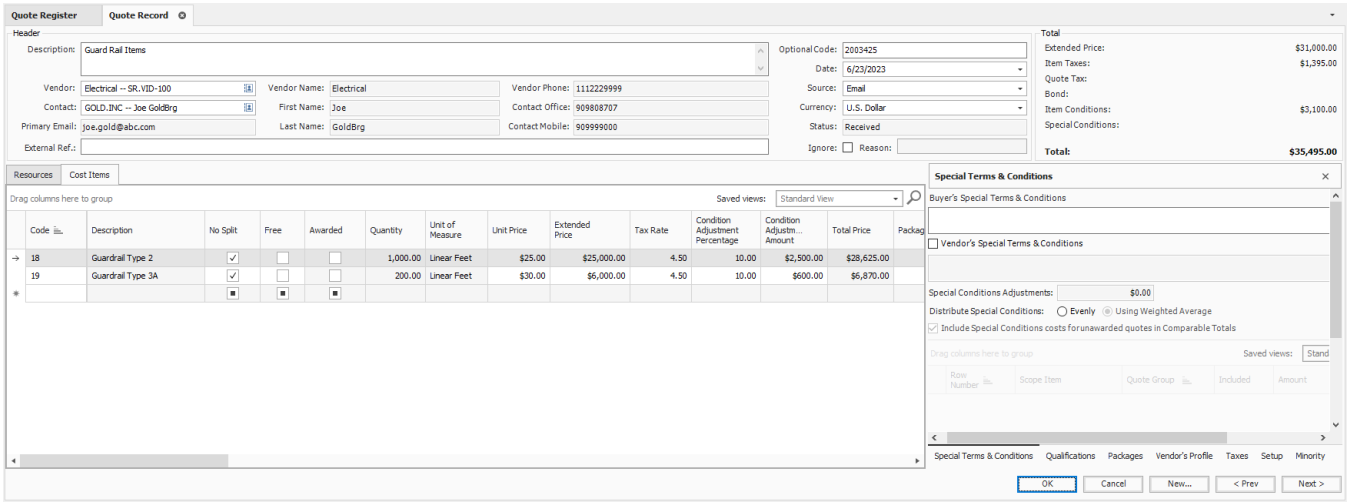



Figure 1: Cost Items tab of the Quote Record