INEIGHT

Explore API Documentation

SelfService_Estimate_QuoteCostItem

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_QuoteCostItem*** 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

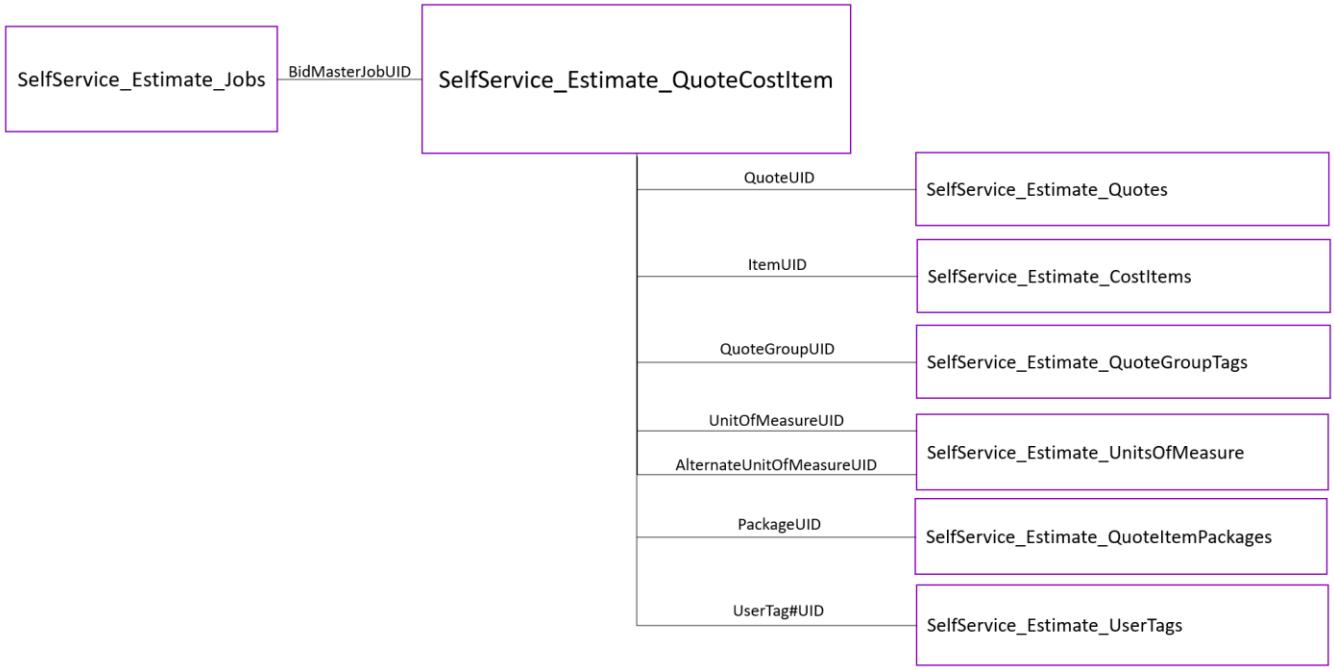
Monetary values stored in the database are stored in their base currency and corresponding values displayed in the application have been modified based on the conversion factor of the items assigned currency.

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
QuoteCostItem (QCI)	Jobs (J)	QCI.BidMasterJobUID = J.BidMasterJobUID	M:1	
QuoteCostItem (QCI)	Quotes (Q)	QCI.QuoteUID = Q.UID	1:M	
QuoteCostItem (QCI)	CostItems (CI)	QCI.ItemUID = CI.UID	1:M	
QuoteCostItem (QCI)	QuoteGroupTags (QGT)	QCI.QuoteGroupUID = QGT.UID	1:M	
QuoteCostItem (QCI)	UnitsOfMeasure (UM)	QCI.UnitOfMeasureUID = UM.UID	1:M	
QuoteCostItem (QCI)	UnitsOfMeasure (AUM)	QCI.AlternateUnitOfMeasureUID = AUM.UID	1:M	
QuoteCostItem (QCI)	QuoteItemPackages (QIP)	QCI.PackageUID = QIP.UID	1:M	
QuoteCostItem (QCI)	UserTags (UT#)	QCI.UserTag#UID = UT#.UID	1:M	

[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_QuoteCostItem
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
EstimateQuoteCostItemId	bigint		19		Estimate	X

EstimateQuoteCostItemUF	uniqueidentifier				Estimate	
EstimateQuoteCostItemUID	uniqueidentifier				Estimate	
AlternateUnitOfMeasureUID	uniqueidentifier				Estimate	
Awarded	bit				Estimate	
Code	nvarchar	100			Estimate	
CondAdjustAmount	float		53		Estimate	
CondAdjustAmountFlag	bit				Estimate	
CondAdjustPercent	float		53		Estimate	
CondAdjustPercentFlag	bit				Estimate	
DaysDuration	int		10		Estimate	
DBEAllowance	float		53		Estimate	
DefaultTaxRate	float		53		Estimate	
Description	nvarchar	-1			Estimate	
ExtendedPrice	float		53		Estimate	
Free	bit				Estimate	
IsDelta	bit				Estimate	
ItemOrder	int		10		Estimate	
EstimateItemUID	uniqueidentifier				Estimate	
LastChanged	datetime			3	Estimate	
LastChangedBy	nvarchar	50			Estimate	
Locked	bit				Estimate	
NoSplit	bit				Estimate	
Note	nvarchar	200			Estimate	
EstimatePackageUID	uniqueidentifier				Estimate	
EstimateQuoteGroupUID	uniqueidentifier				Estimate	
QuoteQuantity	float		53		Estimate	
EstimateQuoteUID	uniqueidentifier				Estimate	
SaveID	int		10		Estimate	
SellerCondition	nvarchar	200			Estimate	
TaxRate	float		53		Estimate	
TaxTotal	float		53		Estimate	
TotalPrice	float		53		Estimate	
EstimateUnitOfMeasureUID	uniqueidentifier				Estimate	
UnitPrice	float		53		Estimate	
EstimateUserTag1UID	uniqueidentifier				Estimate	
EstimateUserTag2UID	uniqueidentifier				Estimate	
EstimateUserTag3UID	uniqueidentifier				Estimate	
EstimateUserTag4UID	uniqueidentifier				Estimate	
EstimateUserTag5UID	uniqueidentifier				Estimate	
EstimateUserTag6UID	uniqueidentifier				Estimate	
EstimateUserTag7UID	uniqueidentifier				Estimate	

EstimateUserTag8UID	uniqueidentifier				Estimate	
EstimateUserTag9UID	uniqueidentifier				Estimate	
EstimateUserTag10UID	uniqueidentifier				Estimate	
BidMasterJobUID	uniqueidentifier				Estimate	
LastUpdateID	int		10		Estimate	
IsActive	bit				Estimate	
CreatedById	bigint		19		Estimate	
CreatedDate	datetimeoffset			7	Estimate	
ModifiedById	bigint		19		Estimate	
ModifiedDate	datetimeoffset			7	Estimate	

Field Descriptions

Name	Description	Example
EstimateQuoteCostItemId	Unique identifier assigned to each record in the table	661181
EstimateQuoteCostItemUF	System generated field, for internal use only	110528b3-c68f-0e43-1427-fd0dbcecb3d2
EstimateQuoteCostItemUID	Unique identifier for the Quote Item. Not visible in the Interface	59704811-dc0f-4060-9207-981fd71ac943
AlternateUnitOfMeasureUID	Identifier of the Base Unit of Measure for the Quote Items Assigned Unit of Measure	210c234e-98a2-4420-b46c-64a2c07a2a79
Awarded	Indicates if the Quote Item has been awarded for the quoted Cost Item	false
Code	Value of the Optional Code field for the Quote Items corresponding Cost Item	1500 0100
CondAdjustAmount	Value of the Quote Items Condition Adjustment Amount field	2500
CondAdjustAmountFlag	Indicates if the Condition Adjustment Amount was entered by the user, in which case the amount is the driver and changing the Quote Item quantity does not change the Condition Adjustment amount value, rather the Condition Adjustment percent is updated	false
CondAdjustPercent	Value of the Quote Items Condition Adjustment Percent field	10
CondAdjustPercentFlag	Indicates if the Condition Adjustment Percent was entered by the user, in which case the percent is the driver and changing the Quote Item quantity changes the Condition	true

	Adjustment amount based on the Extended Price multiplied by the Condition Adjustment Percent	
DaysDuration	Value of the Quote Items Duration field	1
DBEAllowance	DBE Allowance percentage as defined on the Quote Items corresponding Cost Item	100
DefaultTaxRate	Value of the Quote Items Default Tax Rate field	0
Description	Value of the Description field for the Quote Items corresponding Cost Item	Guardrail Type 2
ExtendedPrice	Value of the Quote Items Extended Price field	25000
Free	Indicates if the Free checkbox has been checked for the Quote Item	false
IsDelta	Identifies if the Quote Item is delta and requires refreshing as indicated by the presence of the Delta indicator on the Quote Item record	false
ItemOrder	Quote Item sort order	2
EstimateItemUID	Identifier of the Cost Item of the Quote Item	7a569f50-ddb2-4630-9b2f-368cfdcca647
LastChanged	Date and time the Quote Item was last updated	2023-06-24T01:15:50.99Z
LastChangedBy	Name of the user account who last updated the Quote Item	Joe Montana
Locked	Indicates if the Quote Item has been locked on the Quote Compare & Award register	false
NoSplit	Indicates if the No Split checkbox has been checked for the Quote Item	true
Note	Value of the Quote Items Note field	Vendor will likely utilize a two man crew for this project
EstimatePackageUID	Identifier of the Package assignment of the Quote Item	null
EstimateQuoteGroupUID	Identifier of the Quote Group assigned to the Quote Items corresponding Cost Item	5d414007-89e0-42fd-adb6-e5ace1686a89
QuoteQuantity	Value of the Quote Items quoted quantity	304.8
EstimateQuoteUID	Identifier of the Quote record for the Quote Item	fc71d86e-51bf-4918-85b0-c194856cd3cf
SaveID	Field for internal use only	545
SellerCondition	Value of the Quote Items Vendor Conditions field	Maintenance of Traffic needs to be established prior to work being performed
TaxRate	Value of the Quote Items Tax Rate field	4.5

TaxTotal	Value of the Quote Items Tax per Unit amount. This field value is used to calculate the Unit Rate including tax and is not visible on the Quote record	3.690944881889764
TotalPrice	Value of the Quote Items Total Price field	28625
EstimateUnitOfMeasureUID	Identifier of the Unit of Measure for the Quote Item	4cc74715-9623-46b2-93a3-65e77bacb85e
UnitPrice	Value of the Quote Items Unit Price field	82.02099737532808
EstimateUserTag1UID	Identifier of the Quote Items Tag 1 field value	c2cebb03-bebe-4375-841d-2b068406d86c
EstimateUserTag2UID	Identifier of the Quote Items Tag 2 field value	ac4d4a7f-f36e-43d9-af77-e430a2f53171
EstimateUserTag3UID	Identifier of the Quote Items Tag 3 field value	null
EstimateUserTag4UID	Identifier of the Quote Items Tag 4 field value	null
EstimateUserTag5UID	Identifier of the Quote Items Tag 5 field value	null
EstimateUserTag6UID	Identifier of the Quote Items Tag 6 field value	null
EstimateUserTag7UID	Identifier of the Quote Items Tag 7 field value	null
EstimateUserTag8UID	Identifier of the Quote Items Tag 8 field value	null
EstimateUserTag9UID	Identifier of the Quote Items Tag 9 field value	null
EstimateUserTag10UID	Identifier 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
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	2023-06-24T01:16:33.7222946Z
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	2023-06-24T01:16:33.7222946Z

Sample


```
{
    "EstimateQuoteCostItemId": 661181,
    "EstimateQuoteCostItemUF": "110528b3-c68f-0e43-1427-fd0dbcecb3d2",
    "EstimateQuoteCostItemUID": "59704811-dc0f-4060-9207-981fd71ac943",
    "AlternateUnitOfMeasureUID": "210c234e-98a2-4420-b46c-64a2c07a2a79",
    "Awarded": false,
    "Code": "1500 0100",
    "CondAdjustAmount": 2500.0,
    "CondAdjustAmountFlag": false,
    "CondAdjustPercent": 10.0,
    "CondAdjustPercentFlag": true,
    "DaysDuration": 1,
    "DBEAllowance": 100.0,
    "DefaultTaxRate": 0.0,
    "Description": "Guardrail Type 2",
    "ExtendedPrice": 25000.0,
    "Free": false,
    "IsDelta": false,
    "ItemOrder": 2,
    "EstimateItemUID": "7a569f50-ddb2-4630-9b2f-368cfdcca647",
    "LastChanged": "2023-06-24T01:15:50.99Z",
    "LastChangedBy": "Joe Montana",
    "Locked": false,
    "NoSplit": true,
    "Note": "Vendor will likely utilize a two man crew for this work",
    "EstimatePackageUID": null,
    "EstimateQuoteGroupUID": "5d414007-89e0-42fd-adb6-e5ace1686a89",
    "QuoteQuantity": 304.8,
    "EstimateQuoteUID": "fc71d86e-51bf-4918-85b0-c194856cd3cf",
    "SaveID": 545,
    "SellerCondition": "Maintenance of Traffic needs to be established prior to
work being performed",
    "TaxRate": 4.5,
    "TaxTotal": 3.6909448818897639,
    "TotalPrice": 28625.0,
    "EstimateUnitOfMeasureUID": "4cc74715-9623-46b2-93a3-65e77bacb85e",
    "UnitPrice": 82.020997375328079,
    "EstimateUserTag1UID": "c2cebb03-bebe-4375-841d-2b068406d86c",
    "EstimateUserTag2UID": "ac4d4a7f-f36e-43d9-af77-e430a2f53171",
    "EstimateUserTag3UID": null,
    "EstimateUserTag4UID": null,
    "EstimateUserTag5UID": null,
    "EstimateUserTag6UID": null,
    "EstimateUserTag7UID": null,
    "EstimateUserTag8UID": null,
    "EstimateUserTag9UID": null,
```

```
    "EstimateUserTag10UID": null,
    "BidMasterJobUID": "487560a2-1a80-4e23-8620-65126bf67a91",
    "LastUpdateID": 76,
    "IsActive": true,
    "CreatedById": 1,
    "CreatedDate": "2023-06-24T01:16:33.7222946Z",
    "ModifiedById": 1,
    "ModifiedDate": "2023-06-24T01:16:33.7222946Z"
}
```

Data Validation

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

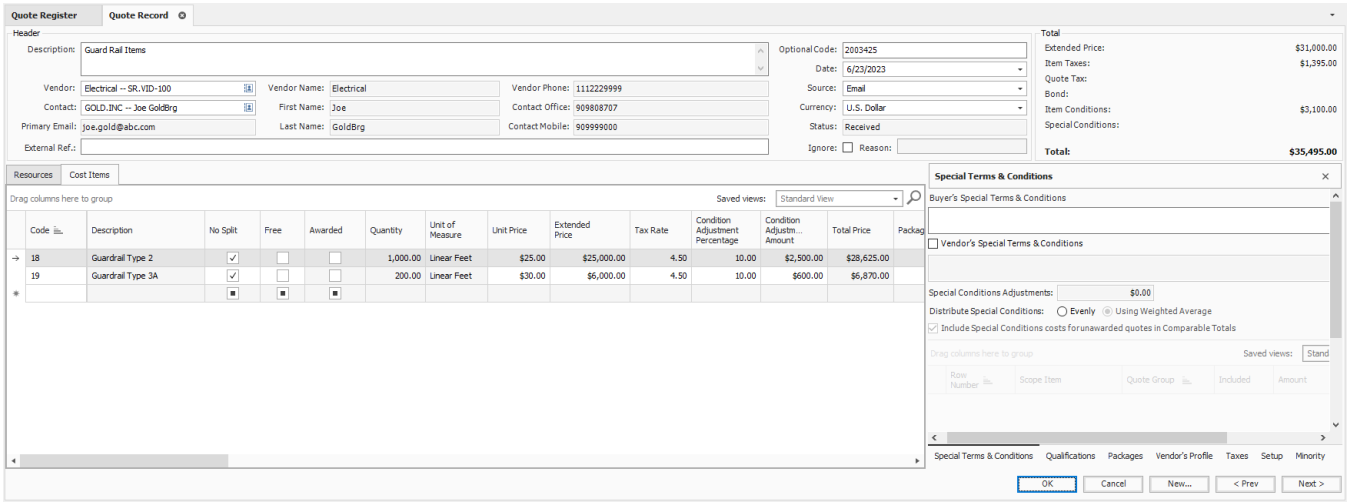



Figure 1: Cost Items tab of the Quote Record