Explore API Documentation

SelfService_Estimate_QuoteResourceItems

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-May2024	Initial release	Aaron Cohen
2.0	10-Dec-2025	Updated refresh data	Litzy Mora

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Overview

The ***SelfService_Estimate_QuoteResourceItems*** API provides records 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

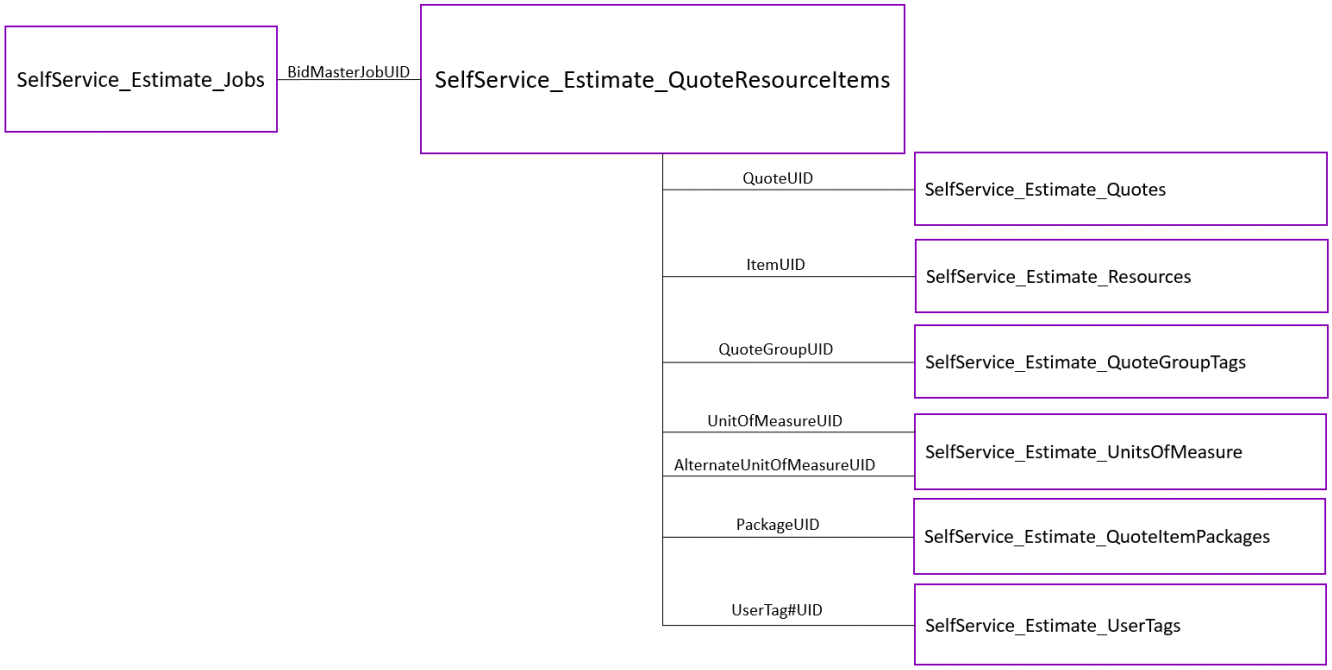
Monetary values stored in the database are stored in their base currency and corresponding values displayed in the application have been modified based on the conversion factor of the items assigned currency.

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]	Comment
QuoteResourceItems (QRI)	Jobs (J)	QRI.BidMasterJobUID = J.BidMasterJobUID	M:1	
QuoteResourceItems (QRI)	Quotes (Q)	QRI.QuoteUID = Q.EstimateQuoteUID	M:1	
QuoteResourceItems (QRI)	Resources (R)	QRI.ItemUID = R.EstimateResourceUID	M:1	
QuoteResourceItems (QRI)	QuoteGroupTags (QGT)	QRI.QuoteGroupUID = QGT.EstimateQuoteGroupTagUID	M:1	
QuoteResourceItems (QRI)	UnitsOfMeasure (UM)	QRI.UnitOfMeasureUID = UM.EstimateUnitOfMeasureUID	M:1	
QuoteResourceItems (QRI)	UnitsOfMeasure (AUM)	QRI.AlternateUnitOfMeasureUID = AUM.EstimateUnitOfMeasureUID	M:1	
QuoteResourceItems (QRI)	QuoteItemPackages (QIP)	QRI.PackageUID = QIP.EstimateQuoteItemPackageUID	M:1	
QuoteResourceItems (QRI)	UserTags (UT#)	QRI.UserTag#UID = UT#.EstimateUserTagUID	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_QuoteResourceItems
Replicate View		[SelfService].[vwEstimateQuoteResourceItems]
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
EstimateQuoteResourceItemsId	bigint	8	19	0	Estimate	X
EstimateQuoteResourceItemsUF	uniqueidentifier	16	0	0	Estimate	
EstimateQuoteResourceItemsUID	uniqueidentifier	16	0	0	Estimate	
EstimateAlternateUnitOfMeasureUID	uniqueidentifier	16	0	0	Estimate	
Awarded	bit	1	1	0	Estimate	
Code	nvarchar	100	0	0	Estimate	
CondAdjustAmount	float	8	53	0	Estimate	
CondAdjustAmountFlag	bit	1	1	0	Estimate	
CondAdjustPercent	float	8	53	0	Estimate	
CondAdjustPercentFlag	bit	1	1	0	Estimate	
DaysDuration	int	4	10	0	Estimate	
DBEAllowance	float	8	53	0	Estimate	
DefaultTaxRate	float	8	53	0	Estimate	
Description	nvarchar	-1	0	0	Estimate	
ExtendedPrice	float	8	53	0	Estimate	
Free	bit	1	1	0	Estimate	
IsDelta	bit	1	1	0	Estimate	
ItemOrder	int	4	10	0	Estimate	
ItemUID	uniqueidentifier	16	0	0	Estimate	
LastChanged	datetime	8	23	3	Estimate	
LastChangedBy	nvarchar	50	0	0	Estimate	
Locked	bit	1	1	0	Estimate	
NoSplit	bit	1	1	0	Estimate	
Note	nvarchar	200	0	0	Estimate	
PackageUID	uniqueidentifier	16	0	0	Estimate	
QuoteGroupUID	uniqueidentifier	16	0	0	Estimate	
QuoteQuantity	float	8	53	0	Estimate	
QuoteUID	uniqueidentifier	16	0	0	Estimate	
SaveID	int	4	10	0	Estimate	
SellerCondition	nvarchar	200	0	0	Estimate	
TaxRate	float	8	53	0	Estimate	
TaxTotal	float	8	53	0	Estimate	
TotalPrice	float	8	53	0	Estimate	
EstimateUnitOfMeasureUID	uniqueidentifier	16	0	0	Estimate	
UnitPrice	float	8	53	0	Estimate	
UserTag10UID	uniqueidentifier	16	0	0	Estimate	
UserTag1UID	uniqueidentifier	16	0	0	Estimate	
UserTag2UID	uniqueidentifier	16	0	0	Estimate	

UserTag3UID	uniqueidentifier	16	0	0	Estimate	
UserTag4UID	uniqueidentifier	16	0	0	Estimate	
UserTag5UID	uniqueidentifier	16	0	0	Estimate	
UserTag6UID	uniqueidentifier	16	0	0	Estimate	
UserTag7UID	uniqueidentifier	16	0	0	Estimate	
UserTag8UID	uniqueidentifier	16	0	0	Estimate	
UserTag9UID	uniqueidentifier	16	0	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
EstimateQuoteResourceItemsId	Unique identifier assigned to each record in the table	607351
EstimateQuoteResourceItemsUF	System generated field, for internal use only	b9e93650-aa62-005d-1e7f-82a09b119eb5
EstimateQuoteResourceItemsUID	Identifier of the Resource Quote Item	2fbf7c2d-c849-4146-b6d4-8f13827e35b1
EstimateAlternateUnitOfMeasureUID	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 Resource	false
Code	Value of the Resource Code field for the Quote Items corresponding Resource	MPP10
CondAdjustAmount	Value of the Quote Items Condition Adjustment Amount field	0
CondAdjustAmountFlag	Indicates if the Condition Adjustment Amount was entered by the user, in which case the amount is the driver and chanigng the Quote Item quantity does not change the Condition Adjustment amount value, rather the Condition Adjustment percent is updated	true
CondAdjustPercent	Value of the Quote Items Condition Adjustment Percent field	0

CondAdjustPercentFlag	Indicates if the Condition Adjustment Percent was entered by the user, in which case the percent is the driver and chanigng the Quote Item quantity changes the Condition Adjustment amount based on the Extended Price multiplied by the Condition Adjustment Percent	false
DaysDuration	Value of the Quote Items Duration field	1
DBEAllowance	DBE Allowance percentage as defined on the Quote Items corresponding Resource	60
DefaultTaxRate	Value of the Quote Items Default Tax Rate field	5
Description	Value of the Description field for the Quote Items corresponding Resource	Pipe 10" PVC SDR21
ExtendedPrice	Value of the Quote Items Extended Price field	143640.00000000003
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	9
ItemUID	Identifier of the Resource of the Quote Item being quoted	803d25d3-92a8-4596-8f43-f5c8660b20a1
LastChanged	Date and time the Quote Item was last updated	2021-07-19T14:07:55.327Z
LastChangedBy	Name of the user account who last updated the Quote Item	System
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	null
PackageUID	Identifier of the Package assignment of the Quote Item	null
QuoteGroupUID	Identifier of the Quote Group assigned to the Quote Items corresponding Resource	4c36dbb3-fc00-4bfc-a19a-5e0e0d3597a1

QuoteQuantity	Value of the Quote Items quoted quantity	3648.4560000000006
QuoteUID	Identifier of the Quote record for the Quote Item	1c78c02f-91f7-4d75-98f1-60820d8e2f10
SaveID	Field for internal use only	453
SellerCondition	Value of the Quote Items Vendor Conditions field	null
TaxRate	Value of the Quote Items Tax Rate field	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	1.968503937007874
TotalPrice	Value of the Quote Items Total Price field	150822.00000000003
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	39.37007874015748
UserTag10UID	Identifier of the Quote Items Tag 10 field value	null
UserTag1UID	Identifier of the Quote Items Tag 1 field value	2c89d176-d2d8-43d3-bb74-a2d792a5d723
UserTag2UID	Identifier of the Quote Items Tag 2 field value	9624b414-4aeb-4aeb-8188-626060a9c929
UserTag3UID	Identifier of the Quote Items Tag 3 field value	null
UserTag4UID	Identifier of the Quote Items Tag 4 field value	null
UserTag5UID	Identifier of the Quote Items Tag 5 field value	null
UserTag6UID	Identifier of the Quote Items Tag 6 field value	null
UserTag7UID	Identifier of the Quote Items Tag 7 field value	null
UserTag8UID	Identifier of the Quote Items Tag 8 field value	null
UserTag9UID	Identifier of the Quote Items Tag 9 field value	null
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	5105
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	2024-05-01T04:14:25.0546906Z
ModifiedById	System generated Id, will always represent the system,	1

	not actual users. This field is for internal use only.	
ModifiedDate	Date/timestamp record is modified	2024-05-01T04:14:25.0546906Z

Sample


```
{
        "EstimateQuoteResourceItemsId": 607351,
        "EstimateQuoteResourceItemsUF": "b9e93650-aa62-005d-1e7f-82a09b119eb5",
        "EstimateQuoteResourceItemsUID": "2fbf7c2d-c849-4146-b6d4-8f13827e35b1",
        "EstimateAlternateUnitOfMeasureUID": "210c234e-98a2-4420-b46c-
64a2c07a2a79",
        "Awarded": false,
        "Code": "MPP10",
        "CondAdjustAmount": 0.0,
        "CondAdjustAmountFlag": true,
        "CondAdjustPercent": 0.0,
        "CondAdjustPercentFlag": false,
        "DaysDuration": 1,
        "DBEAllowance": 60.0,
        "DefaultTaxRate": 5.0,
        "Description": "Pipe 10\" PVC SDR21",
        "ExtendedPrice": 143640.00000000003,
        "Free": false,
        "IsDelta": false,
        "ItemOrder": 9,
        "ItemUID": "803d25d3-92a8-4596-8f43-f5c8660b20a1",
        "LastChanged": "2021-07-19T14:07:55.327Z",
        "LastChangedBy": "System",
        "Locked": false,
        "NoSplit": true,
        "Note": null,
        "PackageUID": null,
        "QuoteGroupUID": "4c36dbb3-fc00-4bfc-a19a-5e0e0d3597a1",
        "QuoteQuantity": 3648.4560000000006,
        "QuoteUID": "1c78c02f-91f7-4d75-98f1-60820d8e2f10",
        "SaveID": 453,
        "SellerCondition": null,
        "TaxRate": 5.0,
        "TaxTotal": 1.9685039370078741,
        "TotalPrice": 150822.00000000003,
        "EstimateUnitOfMeasureUID": "4cc74715-9623-46b2-93a3-65e77bacb85e",
        "UnitPrice": 39.370078740157481,
        "UserTag10UID": null,
        "UserTag1UID": "2c89d176-d2d8-43d3-bb74-a2d792a5d723",
        "UserTag2UID": "9624b414-4aeb-4aeb-8188-626060a9c929",
        "UserTag3UID": null,
        "UserTag4UID": null,
```

```
        "UserTag5UID": null,
        "UserTag6UID": null,
        "UserTag7UID": null,
        "UserTag8UID": null,
        "UserTag9UID": null,
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "LastUpdateID": 5105,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-05-01T04:14:25.0546906Z",
        "ModifiedById": 1,
        "ModifiedDate": "2024-05-01T04:14:25.0546906Z"
}
```


Data Validation

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

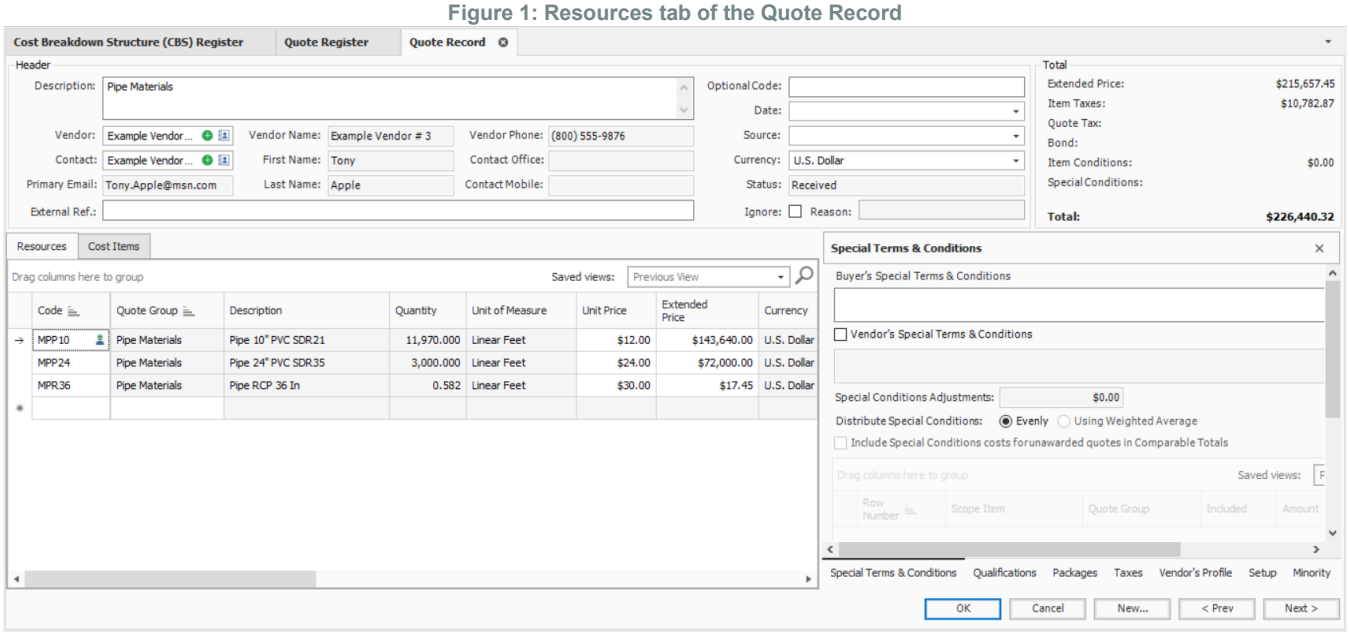



Figure 1: Resources tab of the Quote Record