Explore API Documentation

SelfService_Estimate_QuoteItemPackagesReferencedData

Version 2.0

Last Modified: 10-Dec-2024

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	30-Apr-2024	Initial release	Aaron Cohen
2.0	10-Dec-2026	Updated refresh data	Litzy Mora

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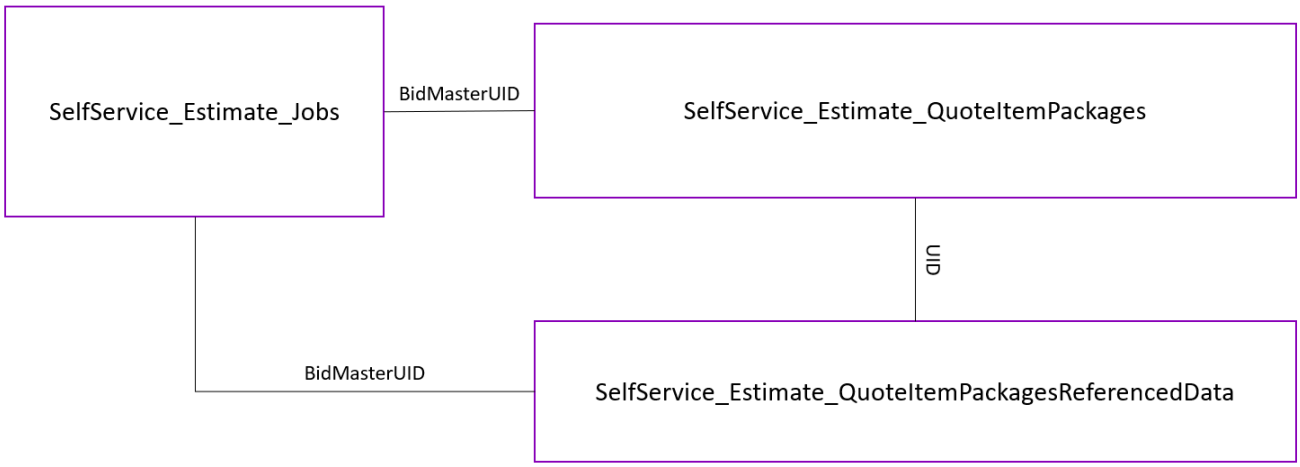
Overview

The ***SelfService_Estimate_QuoteItemPackagesReferencedData*** API provides the referenced data for a quotes Package Prices. When users receive a lump sum quote or a quote with groupings of single prices covering multiple quote items, packages can be used to permit the entry of a single quoted amount without needing to manually distribute the single price across all the cost items or resource employments included in the scope of the quote. The Package assignment is an attribute of the Quote Item so multiple packages prices can be defined and used on a single quote.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]
QuoteItemPackagesReferencedData (QIPRD)	Jobs (J)	QIPRD.BidMasterJobUID = J.BidMasterJobUID	M:1
QuoteItemPackagesReferencedData (QIPRD)	QuoteItemPackages (QIP)	QIPRD.EstimateQuoteItemPackagesReferencedDataUID = QIP.EstimateQuoteItemPackagesUID	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_QuoteItemPackagesReferencedData
Replicate View		[SelfService].[vwEstimateQuoteItemPackagesReferencedData]
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
EstimateQuoteItemPackagesReferencedDataId	bigint	8	19	0	Estimate	X
EstimateQuoteItemPackagesReferencedDataUF	uniqueidentifier	16	0	0	Estimate	
EstimateQuoteItemPackagesReferencedDataUID	uniqueidentifier	16	0	0	Estimate	
CurrencyName	nvarchar	400	0	0	Estimate	
QuoteDescription	nvarchar	2000	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
EstimateQuoteItemPackagesReferencedDataId	Unique identifier assigned to each record in the table	620496
EstimateQuoteItemPackagesReferencedDataUF	System generated field, for internal use only	01c35eb2-a28d-0451-265e-2b62f819eb5f
EstimateQuoteItemPackagesReferencedDataUID	Identifier of the Package on a Quote record	979514cf-c0a6-454a-8ef5-26d1e176405b
CurrencyName	Name of the Currency used as the currency for the values provided in the Amount field of the package price	U.S. Dollar
QuoteDescription	Description of the Quote the package price belongs to	Guard Rail Items
BidMasterJobUID	Identifier of the Job record from the Jobs table in the BidMaster database.	96564a7d-622b-411b-a8ab-0db3196fab04
BidMasterJobCode	Value of the Code field on the Overview tab of Job Properties in the Estimate Application	Training Job
LastUpdateID	Field for internal use only	5102
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	2024-05-01T01:45:36.4290697Z
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	2024-05-01T01:45:36.4290697Z

Sample


```
{
        "EstimateQuoteItemPackagesReferencedDataId": 620496,
        "EstimateQuoteItemPackagesReferencedDataUF": "01c35eb2-a28d-0451-265e-
2b62f819eb5f",
        "EstimateQuoteItemPackagesReferencedDataUID": "979514cf-c0a6-454a-8ef5-
26d1e176405b",
        "CurrencyName": "U.S. Dollar",
        "QuoteDescription": "Guard Rail Items",
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "BidMasterJobCode": "Training Job",
        "LastUpdateID": 5102,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-05-01T01:45:36.4290697Z",
        "ModifiedById": 1,
        "ModifiedDate": "2024-05-01T01:45:36.4290697Z"
}
```


Data Validation

Quote Package Prices can be validated by opening a Quote record and navigating to the Packages Datablock.

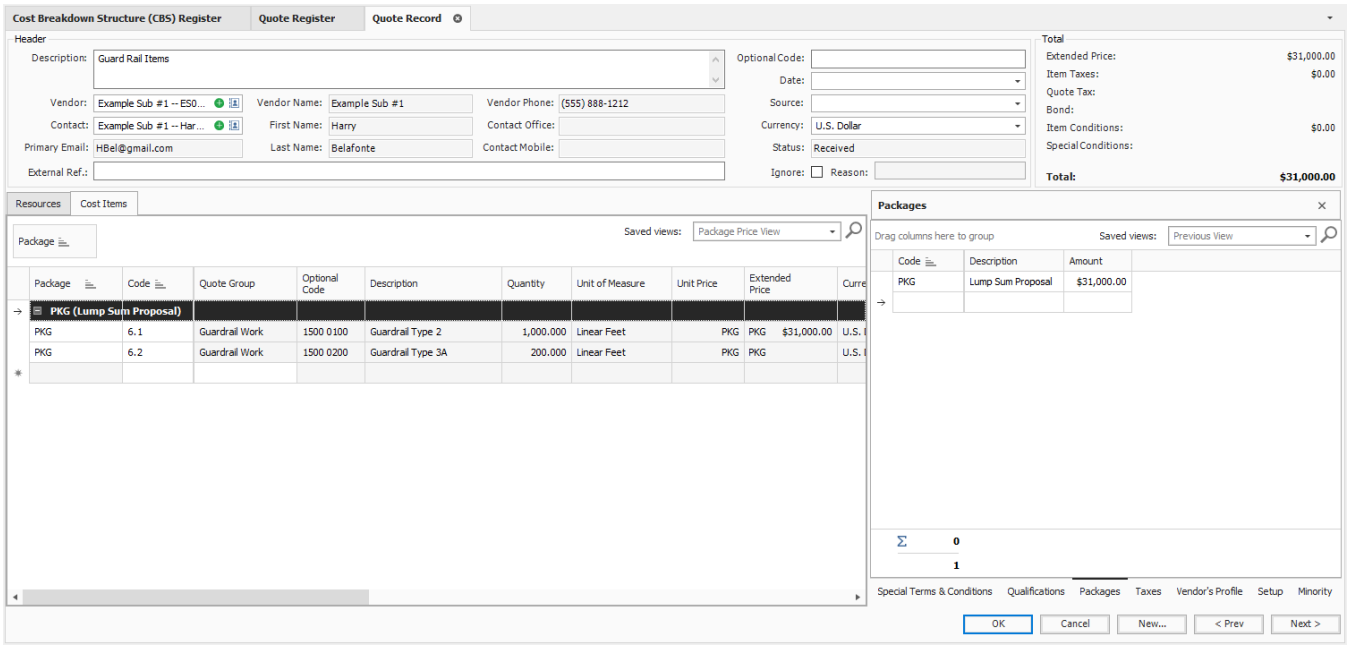



Figure 1: Quote Package Prices displayed in the Packages Datablock