Explore API Documentation

SelfService_Estimate_CompetitorsReferencedData

Version 1.0

Last Modified: 20-Nov-2024

Last Modified By: Aaron Cohen

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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	21-Mar-2024	Initial release	Aaron Cohen
1.2	22-Oct-2025	Updated data refresh	Litzy Mora

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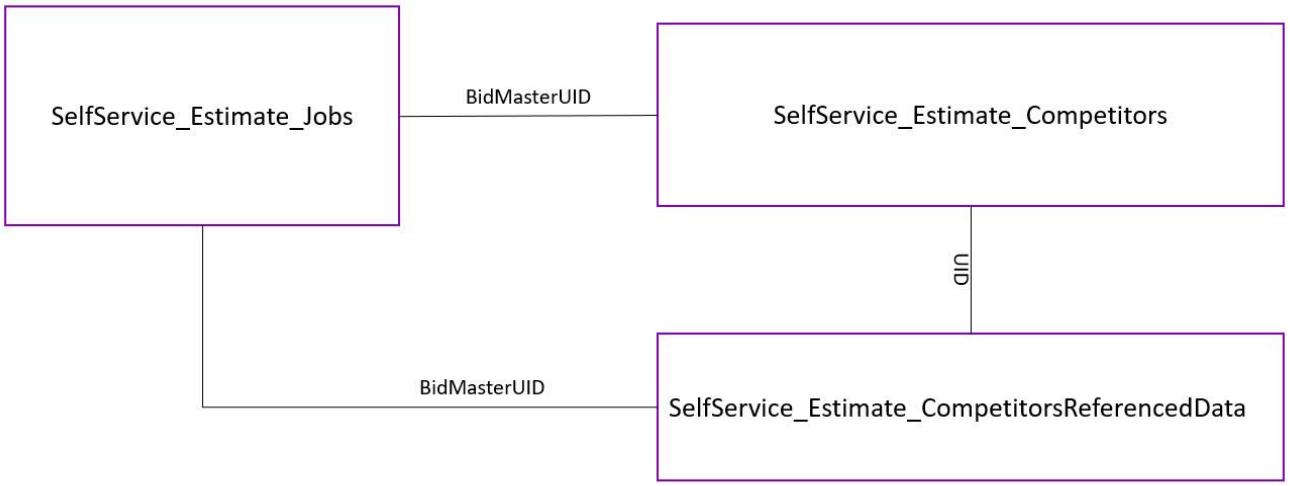
Overview

The ***SelfService_Estimate_CompetitorsReferencedData*** API provides the referenced data values for the Competitors table, which lists the competitive bidders for an estimate as found in the Competitors register in the Estimate application. The Competitors register also includes a Bid Tabulation pane where users can enter individual prices for Pay Items. The Calculated Bid amount is derived from the detailed unit rates multiplied by the items pay quantities and the Total Submitted Bid Amount for a bidder can be entered to see if there is a difference between a bidders submitted bid and the calculated bid amount based on their unit rates.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
CompetitorsReferencedData (CRD)	Job (J)	CRD.BidMasterJobUID = J.BidMasterJobUID	M:1	
CompetitorsReferencedData (CRD)	Competitors (C)	CRD.UID = C.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_CompetitorsReferencedData
Replicate View		[SelfService].[vwEstimateCompetitorsReferencedData]
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
EstimateCompetitorsReferencedDataId	bigint		19		Estimate	X
EstimateCompetitorsReferencedDataUF	uniqueidentifier				Estimate	
EstimateCompetitorsReferencedDataUID	uniqueidentifier				Estimate	
ContactContactDescriptor	nvarchar	250			Estimate	
CurrencyName	nvarchar	400			Estimate	
UserTag1Code	nvarchar	260			Estimate	
UserTag2Code	nvarchar	260			Estimate	
UserTag3Code	nvarchar	260			Estimate	
BidMasterJobUID	uniqueidentifier				Estimate	
BidMasterJobCode	nvarchar	200			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
EstimateCompetitorsReferencedDataId	Unique identifier assigned to each record in the table	606743
EstimateCompetitorsReferencedDataUF	System generated field, for internal use only	d5b60f0c-d7da-0439-13e0-6a1d914c60c6
EstimateCompetitorsReferencedDataUID	Unique identifier for the Competitor/bidder. Not visible in the Interface	43e04571-b5f1-4522-bb4b-67ae8823cbc2
ContactContactDescriptor	Description appearing in the Bidder field of the Competitor record	Low Ball Contractors -- John Elway
CurrencyName	Name of the Currency assigned to the Bidder, which is determiend by the Jobs default currency as specified in Job Properties	U.S. Dollar
UserTag1Code	Text value of the selected tag field value in the Tag 1 field of the Competitors record	null
UserTag2Code	Text value of the selected tag field value in the Tag 2 field of the Competitors record	null
UserTag3Code	Text value of the selected tag field value in the Tag 3 field of the Competitors record	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	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	3275
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	2024-03-22T00:48:47.6174382Z
ModifiedById	System generated Id, will always represent the system, not actual users.	1

	This field is for internal use only.	
ModifiedDate	Date/timestamp record is modified	2024-03-22T00:48:47.6174382Z

Sample


```
{
        "EstimateCompetitorsReferencedDataId": 606743,
        "EstimateCompetitorsReferencedDataUF": "d5b60f0c-d7da-0439-13e0-
6a1d914c60c6",
        "EstimateCompetitorsReferencedDataUID": "43e04571-b5f1-4522-bb4b-
67ae8823cbc2",
        "ContactContactDescriptor": "Low Ball Contractors -- John Elway",
        "CurrencyName": "U.S. Dollar",
        "UserTag1Code": null,
        "UserTag2Code": null,
        "UserTag3Code": null,
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "BidMasterJobCode": "Training Job",
        "LastUpdateID": 3275,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-03-22T00:48:47.6174382Z",
        "ModifiedById": 1,
        "ModifiedDate": "2024-03-22T00:48:47.6174382Z"
}
```

Data Validation

This data can be validated by navigating to the Competitors register. Competitors or bidders are listed in the top half of the form.

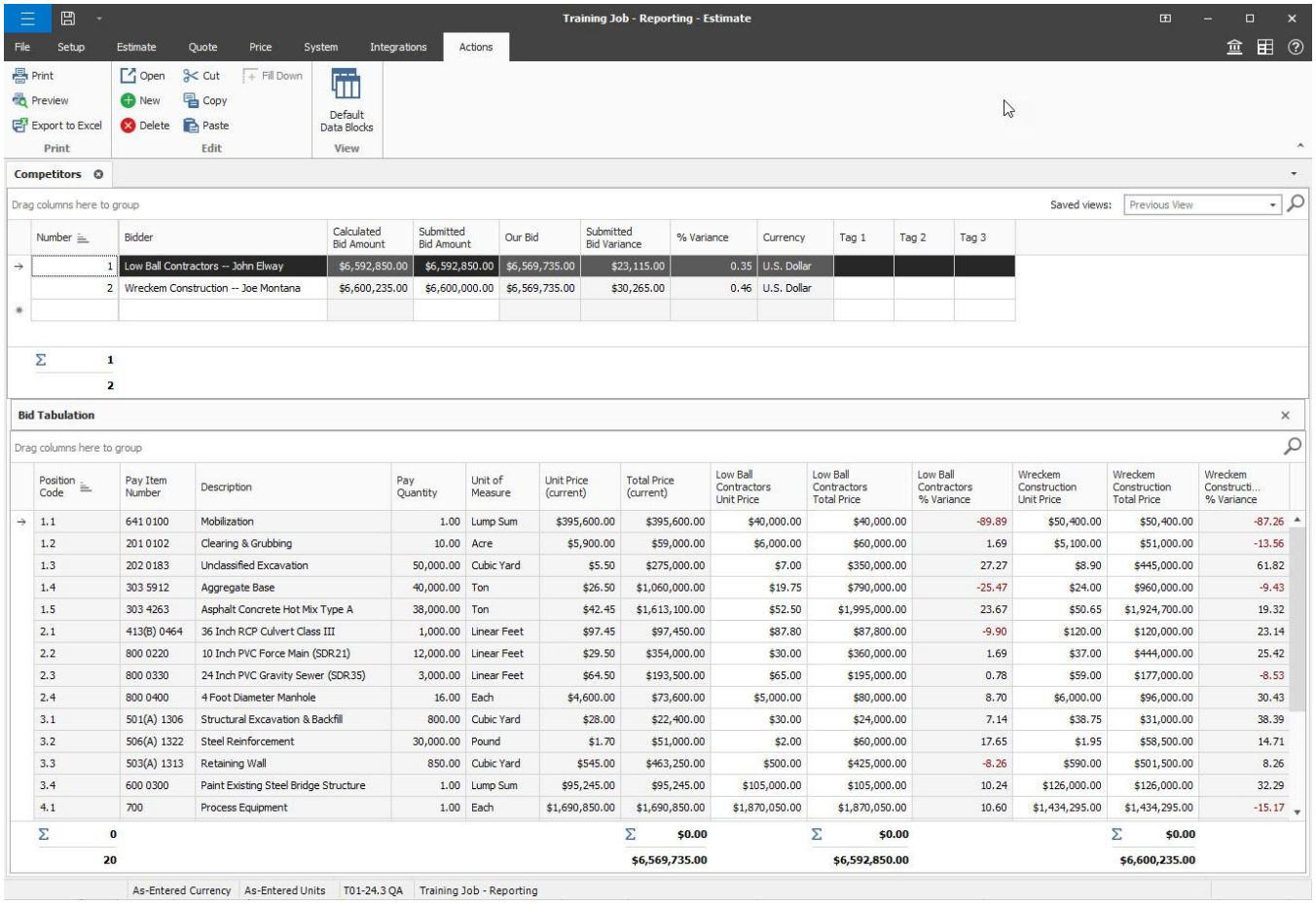



Figure 1: Competitors register