Explore API Documentation

SelfService_Estimate_Competitors

Version 1.3

Last Modified: 22-Oct-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	21-Mar-2024	Initial release	Aaron Cohen
1.2	7-Mar-2025	Updated naming convention and relationship chart	Litzy Mora
1.3	22-Oct-2025	Updated data refresh	Litzy Mora

Contents

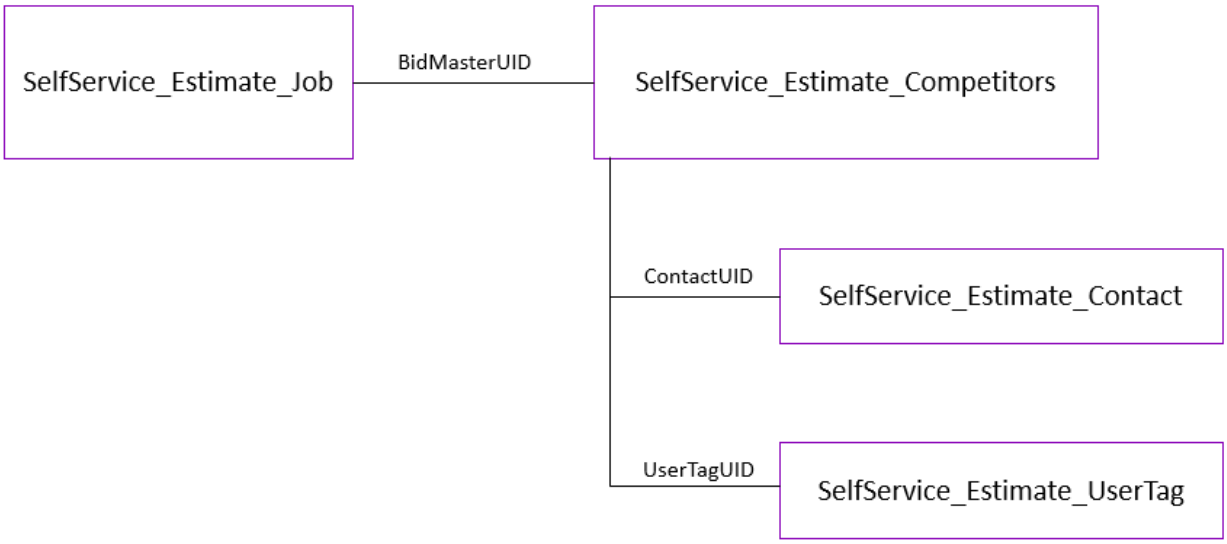
Change Log....2
Overview....3
Relationships and Dependencies....3
API Detail....4
Supported Filters....4
Fields....4
Field Descriptions....5
Sample....6

Overview

The ***SelfService_Estimate_Competitors*** API provides a list of 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
Competitors (C)	Job(J)	C.BidMasterJobUID = J.BidMasterJobUID	M:1	
Competitors (C)	Contact(CN)	C.ContactUID = CN.UID	1:M	
Competitors (C)	UserTag(UT)	C.UserTagUID = 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_Competitors
Replicate View		[SelfService].[vwEstimateCompetitors]
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
EstimateCompetitorsId	bigint		19		Estimate	X
EstimateCompetitorsUF	uniqueidentifier				Estimate	
EstimateCompetitorsUID	uniqueidentifier				Estimate	
BidAmount	float		53		Estimate	
ContactUID	uniqueidentifier				Estimate	
CurrentJobPrice	float		53		Estimate	
Number	int		10		Estimate	
SaveID	int		10		Estimate	
UserTag1UID	uniqueidentifier				Estimate	
UserTag2UID	uniqueidentifier				Estimate	
UserTag3UID	uniqueidentifier				Estimate	
VarianceAmount	float		53		Estimate	
VariancePercent	float		53		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
EstimateCompetitorsId	Unique identifier assigned to each record in the table	606743
EstimateCompetitorsUF	System generated field, for internal use only	d5b60f0c-d7da-0439-13e0-6a1d914c60c6
EstimateCompetitorsUID	Unique identifier for the Competitor/bidder. Not visible in the Interface	43e04571-b5f1-4522-bb4b-67ae8823cbc2
BidAmount	Value of the Submitted Bid Amount field on the Competitors register.	6592850
ContactUID	Identifier of the Contact record used to indicate the bidder in the Competitors register.	f160740a-c92e-4782-b7de-44995c5dd14a
CurrentJobPrice	Value of the Our Bid field in the Competitors register, used to calculate the variance between the jobs current price and the competitors submitted bid price	6569735
Number	Row number entered in the Number field on the Competitors register and used to control the order of the bidders list	1
SaveID	Field for internal use only	402
UserTag1UID	Identifier of the competitors Tag 1 field entry from the UserTags table.	null
UserTag2UID	Identifier of the competitors Tag 2 field entry from the UserTags table.	null
UserTag3UID	Identifier of the competitors Tag 3 field entry from the UserTags table.	null
VarianceAmount	Value of the Submitted Bid Variance field on the Competitors regsiter and caluclated as the difference between bidders Submitted Bid Amount and the jobs current price	23115
VariancePercent	Value of the % Variance field on the Competitors regsiter and caluclated as the percentage difference between the bidders Submitted Bid Amount and the jobs current price	0.351840675
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	96564a7d-622b-411b-a8ab-0db3196fab04

	instance of a Job. Not visible in the application	
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	2024-03-22T00:48:47.4611861Z
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	2024-03-22T00:48:47.4611861Z

Sample


```
{
        "EstimateCompetitorsId": 606743,
        "EstimateCompetitorsUF": "d5b60f0c-d7da-0439-13e0-6a1d914c60c6",
        "EstimateCompetitorsUID": "43e04571-b5f1-4522-bb4b-67ae8823cbc2",
        "BidAmount": 6592850.0,
        "ContactUID": "f160740a-c92e-4782-b7de-44995c5dd14a",
        "CurrentJobPrice": 6569735.0,
        "Number": 1,
        "SaveID": 402,
        "UserTag1UID": null,
        "UserTag2UID": null,
        "UserTag3UID": null,
        "VarianceAmount": 23115.0,
        "VariancePercent": 0.351840675461035,
        "BidMasterJobUID": "96564a7d-622b-411b-a8ab-0db3196fab04",
        "LastUpdateID": 3275,
        "IsActive": true,
        "CreatedById": 1,
        "CreatedDate": "2024-03-22T00:48:47.4611861Z",
        "ModifiedById": 1,
        "ModifiedDate": "2024-03-22T00:48:47.4611861Z"
    }
```

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.

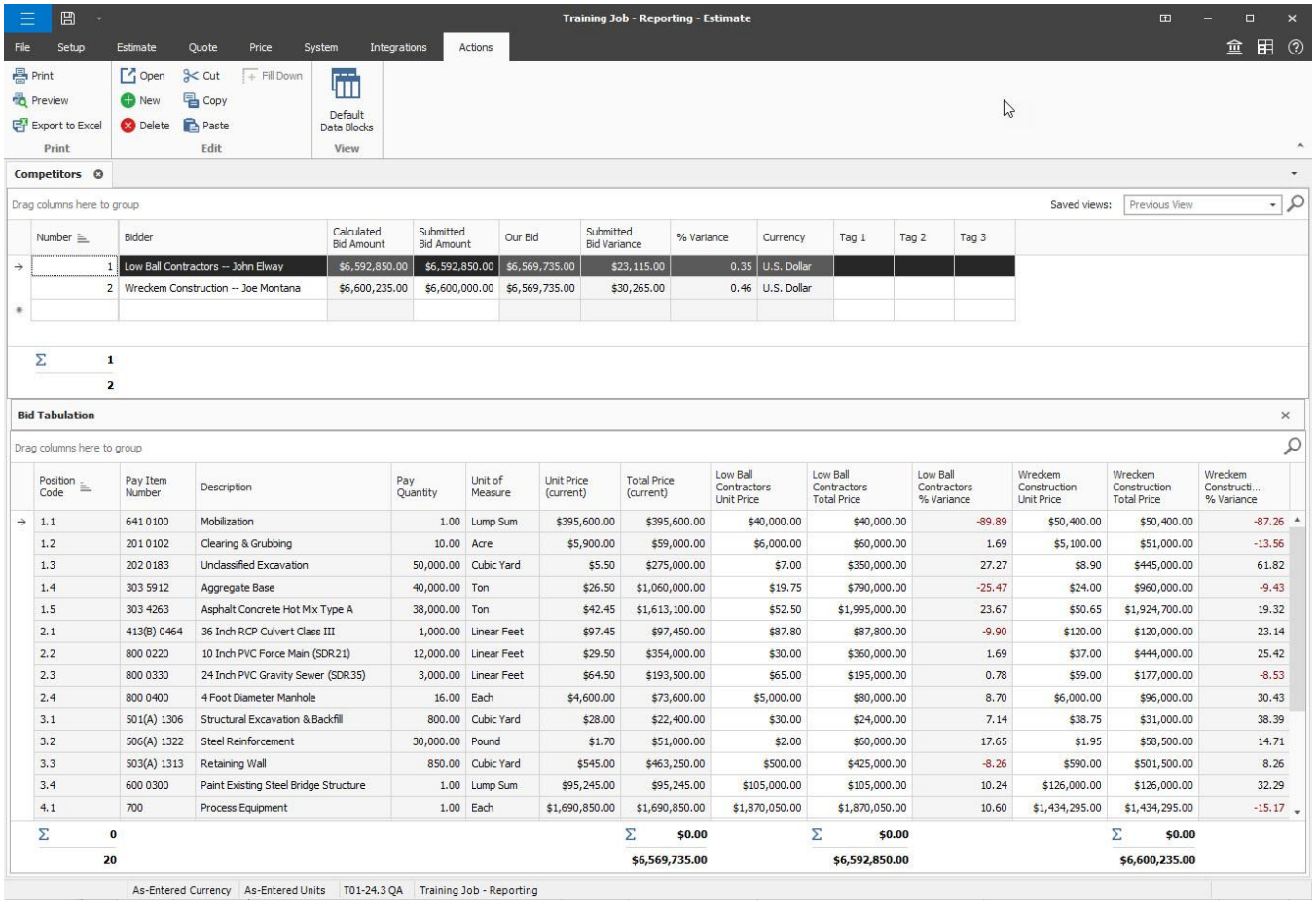



Figure 1: Competitors register