INEIGHT

Explore API Documentation

SelfService_Estimate_JobReferencedData

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	30-Mar-2022	Initial release	Natalie Takacs
2.0	10-Dec-2025	Updated refresh data	Litzy Mora

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Overview

The ***SelfService_Estimate_JobsReferencedData*** API is one of multiple APIs comprising the data contained in the Estimate Job entity.

The Estimate Job entity includes three tables, *SelfService_Estimate_Job*, *SelfService_Estimate_JobsCalculatedValue* and *SelfService_Estimate_JobsReferencedData*.

The *SelfService_Estimate_Job* table contains Job records as created and managed by the Estimate application.

The *SelfService_Estimate_JobsCalculatedValue* table contains data commonly calculated in some way for display 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.

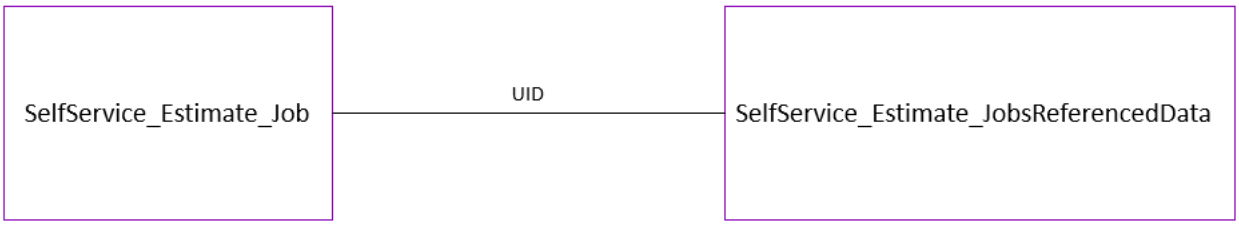
The *SelfService_Estimate_JobsReferencedData* contains the values of the many foreign key lookup values stored in the jobs table and can provide a convenient way to reference data as it appears in the application without needing to lookup the foreign key values from a lookup table.

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
JobsReferencedData (JRD)	Job (J)	JRD.UID = J.UID	1:1	



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

[1] *1:M = One to Many, 1:1 = One to One, M:1 = Many to one*

		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_JobReferencedData
Replicate View		[SelfService].[vwEstimateJobReferencedData]
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**	21.5
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
EstimateJobReferencedDataId	bigint	8	19	0	Estimate	X
EstimateJobReferencedDataUF	uniqueidentifier	16	0	0	Estimate	
EstimateJobReferencedDataUID	uniqueidentifier	16	0	0	Estimate	
ArchitectContactDescriptor	nvarchar	500	0	0	Estimate	
CertificationAuthorityContactDescriptor	nvarchar	500	0	0	Estimate	
DefaultCurrencyName	nvarchar	800	0	0	Estimate	
DefaultMaintenanceLaborAssemblyCode	nvarchar	100	0	0	Estimate	
EngineerContactDescriptor	nvarchar	500	0	0	Estimate	
EstimatorContactDescriptor	nvarchar	500	0	0	Estimate	
OptBidTypeTagCode	nvarchar	520	0	0	Estimate	
OptCustomerTagCode	nvarchar	520	0	0	Estimate	
OptDistrictOfficeTagCode	nvarchar	520	0	0	Estimate	
OptEstimatorTagCode	nvarchar	520	0	0	Estimate	
OptJobStatusTagCode	nvarchar	520	0	0	Estimate	
OptNew2TagCode	nvarchar	520	0	0	Estimate	
OptSalesOfficeTagCode	nvarchar	520	0	0	Estimate	
OwnerContactDescriptor	nvarchar	500	0	0	Estimate	
RFQContactContactDescriptor	nvarchar	500	0	0	Estimate	
ScheduleCurrencyName	nvarchar	800	0	0	Estimate	
ScheduleLoginDisplayName	nvarchar	200	0	0	Estimate	
StatusDescription	nvarchar	400	0	0	Estimate	
Tag1Code	nvarchar	520	0	0	Estimate	

Tag2Code	nvarchar	520	0	0	Estimate	
Tag3Code	nvarchar	520	0	0	Estimate	
UMName	nvarchar	100	0	0	Estimate	
BidMasterJobUID	uniqueidentifier	16	0	0	Estimate	
BidMasterJobCode	nvarchar	400	0	0	Estimate	
LastUpdateID	int	4	10	0	Estimate	
IsActive	bit	1	1	0	Report	
CreatedById	bigint	8	19	0	Report	
CreatedDate	datetimeoffset	10	34	7	Report	
ModifiedById	bigint	8	19	0	Report	
ModifiedDate	datetimeoffset	10	34	7	Report	

Field Descriptions

Name	Description	Example
EstimateJobReferencedDataId	Unique identifier assigned to each record in the table	1
EstimateJobReferencedDataUF	System generated field, for internal use only	N/A
EstimateJobReferencedDataUID	Unique identifier for Job record in Estimate BidMaster. Not unique in this table but unique to an instance of a Job. Not visible in the interface.	5376AA5E-8C85-43E8-9ACB-D7422000E832
ArchitectContactDescriptor	Value appearing in the Architect field on the Cover Sheet tab of Job Properties in the Estimate Application. Field value includes the company name followed by the contacts first and last name. This field value can also be obtained from the Jobs table using the [ArchitectUID] field and joining to the Contacts table.	Example Architect -- Robert Frost
CertificationAuthorityContactDescriptor	Value appearing in the Certification Authority field on the Minority Setup tab of Job Properties in the Estimate Application. Field value includes the company name followed by the contacts first and last name. This field value can also be obtained from the Jobs table using the [CertificationAuthorityUID] field and joining to the Contacts table.	Example Owner -- Jerry Slate
DefaultCurrencyName	Text description of the Jobs Default Currency. Chosen from a drop down list on the Cost Basis tab of Job Properties in the Estimate Application	U.S. Dollar

DefaultMaintenanceLaborAssemblyCode	Text description of the Jobs Maintenance Assembly. Chosen from a selection register on the Equipment Maintenance tab of Job Properties in the Estimate Application	CMAINT
EngineerContactDescriptor	Value appearing in the Engineer field on the Cover Sheet tab of Job Properties in the Estimate Application. Field value includes the company name followed by the contacts first and last name. This field value can also be obtained from the Jobs table using the [EngineerUID] field and joining to the Contacts table.	Example Engineer -- Fred Jones
EstimatorContactDescriptor	Value appearing in the Estimator field on the Cover Sheet tab of Job Properties in the Estimate Application. Field value includes the company name followed by the contacts first and last name. This fields value can also be obtained from the Jobs table using the [EstimatorUID] field and joining to the Contacts table.	Example Prime Contractor 1 -- Tom Cross
OptBidTypeTagCode	Text value appearing in Tag field 13 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptBidTypeTagUID] field and joining to the UserTags table.	Sub bid
OptCustomerTagCode	Text value appearing in Tag field 1 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptCustomerTagUID] field and joining to the UserTags table.	Prime Contractor 1
OptDistrictOfficeTagCode	Text value appearing in Tag field 9 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptDistrictOfficeTagUID] field and joining to the UserTags table.	Midwest
OptEstimatorTagCode	Text value appearing in Tag field 8 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptEstimatorTagUID] field and joining to the UserTags table.	Tom Cross

OptJobStatusTagCode	Text value appearing in Tag field 11 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptJobStatusTagUID] field and joining to the UserTags table.	Pending Award
OptNew2TagCode	Text value appearing in Tag field 12 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptNew2TagUID] field and joining to the UserTags table.	Misc. data here
OptSalesOfficeTagCode	Text value appearing in Tag field 10 on the Job Folder Tags tab of Job Properties in the Estimate Application. This fields value can also be obtained from the Jobs table using the [OptSalesOfficeTagUID] field and joining to the UserTags table.	North America
OwnerContactDescriptor	Value appearing in the Owner field on the Cover Sheet tab of Job Properties in the Estimate Application. Field value includes the company name followed by the contacts first and last name. This field value can also be obtained from the Jobs table using the [OwnerUID] field and joining to the Contacts table.	Example Owner -- Jerry Slate
RFQContactContactDescriptor	Value appearing in the RFQ Contact field on the Cover Sheet tab of Job Properties in the Estimate Application. Field value includes the company name followed by the contacts first and last name. This field value can also be obtained from the Jobs table using the [RFQContactUID] field and joining to the Contacts table.	Example Prime Contractor 1 -- Tom Cross
ScheduleCurrencyName	Text description of the Jobs Schedule Currency, chosen from a drop down list on the Schedule tab of Job Properties in the Estimate Application	U.S. Dollar
ScheduleLoginDisplayName	Field for internal use only	Null
StatusDescription	Field for internal use only	Null
Tag1Code	Field for internal use only	Null
Tag2Code	Field for internal use only	Null
Tag3Code	Field for internal use only	Null

UMName	Text description of the Liq Damages Per drop down list on the Cover Sheet tab of Job Properties in the Estimate Application	Day
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 interface.	5376AA5E-8C85-43E8-9ACB-D7422000E832
BidMasterJobCode	Value of the Code field on the Overview tab of Job Properties in the Estimate Application. This field value can also be found in the Code field of the Jobs table using the [BidMasterJobUID] field and joining to the Jobs table.	Training Job
LastUpdateID	Field for internal use only	430
IsActive	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	True = 1 False = 0
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	2022-02-21 17:47:05.4923658 +00:00
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	2022-02-21 17:47:05.4923658 +00:00

Sample


```
{"EstimateJobReferencedDataId":5155,"EstimateJobReferencedDataUF":"4d13358e-6e34-
40cc-b5b3-1835b0986afd","EstimateJobReferencedDataUID":"4d13358e-6e34-40cc-b5b3-
1835b0986afd","ArchitectContactDescriptor":"Example Architect -- Robert
Frost","CertificationAuthorityContactDescriptor":"Example Owner -- Jerry
Slate","DefaultCurrencyName":"U.S.
Dollar","DefaultMaintenanceLaborAssemblyCode":"CMAINT","EngineerContactDescriptor":
"Example Engineer -- Fred Jones","EstimatorContactDescriptor":"Example Prime
Contractor 1 -- Tom
Cross","OptBidTypeTagCode":null,"OptCustomerTagCode":null,"OptDistrictOfficeTagCode
":null,"OptEstimatorTagCode":null,"OptJobStatusTagCode":null,"OptNew2TagCode":null,
"OptSalesOfficeTagCode":null,"OwnerContactDescriptor":"Example Owner -- Jerry
Slate","RFQContactContactDescriptor":"Example Prime Contractor 1 -- Tom
Cross","ScheduleCurrencyName":"U.S.
Dollar","ScheduleLoginDisplayName":null,"StatusDescription":null,"Tag1Code":null,"T
ag2Code":null,"Tag3Code":null,"UMName":"Day","BidMasterJobUID":"4d13358e-6e34-40cc-
b5b3-1835b0986afd","BidMasterJobCode":"SB - First
Job","LastUpdateID":9,"IsActive":true,"CreatedById":1,"CreatedDate":"2022-02-
```

21T17:47:21.1206121Z","ModifiedById":1,"ModifiedDate":"2022-02-
21T17:47:21.1206121Z"}

Data Validation

This data can be validated by opening the Job Properties form in an open job or from the Job Register in the Estimate Library

Figure 1: Job Properties, Cover Sheet tab

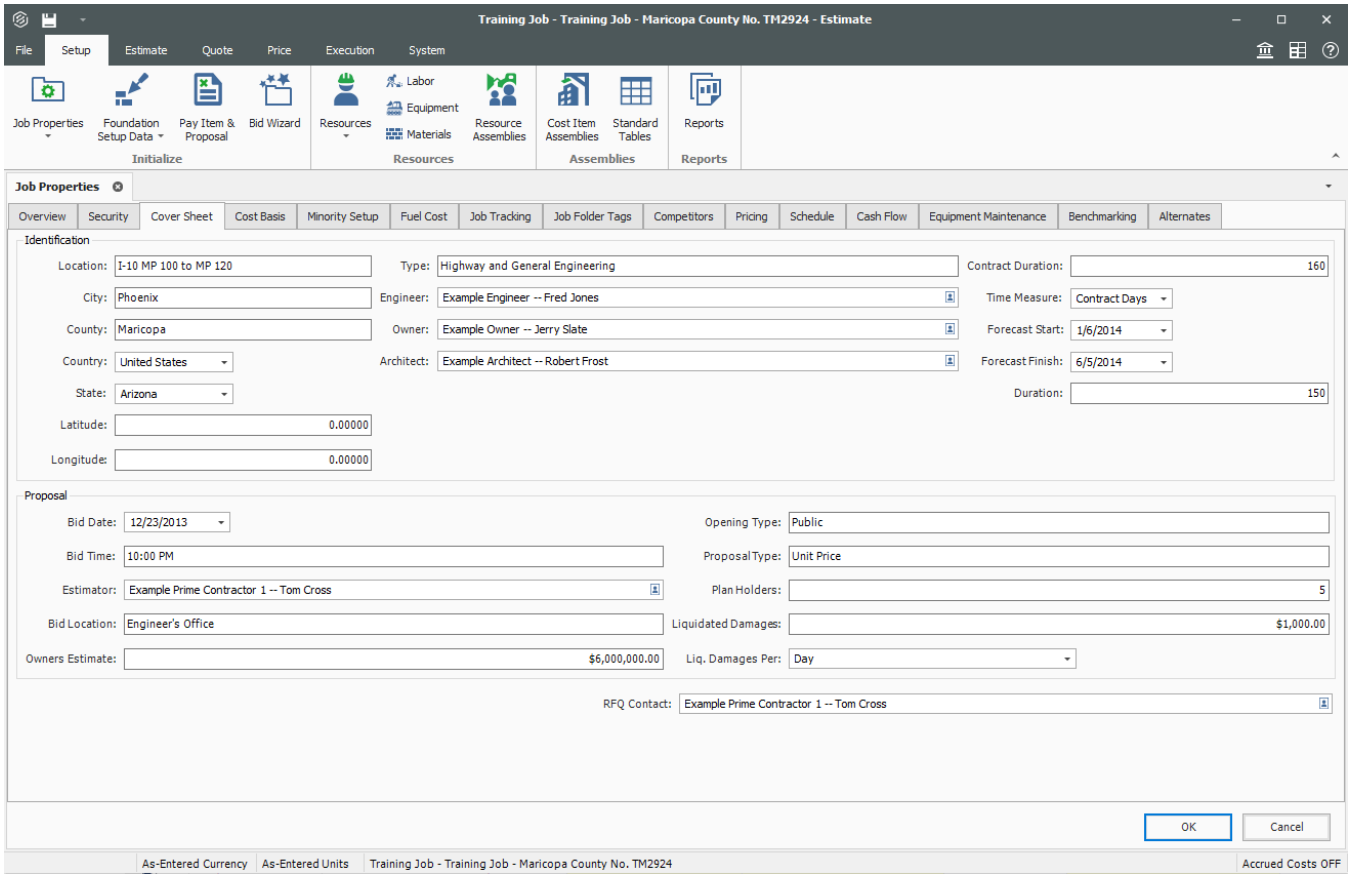
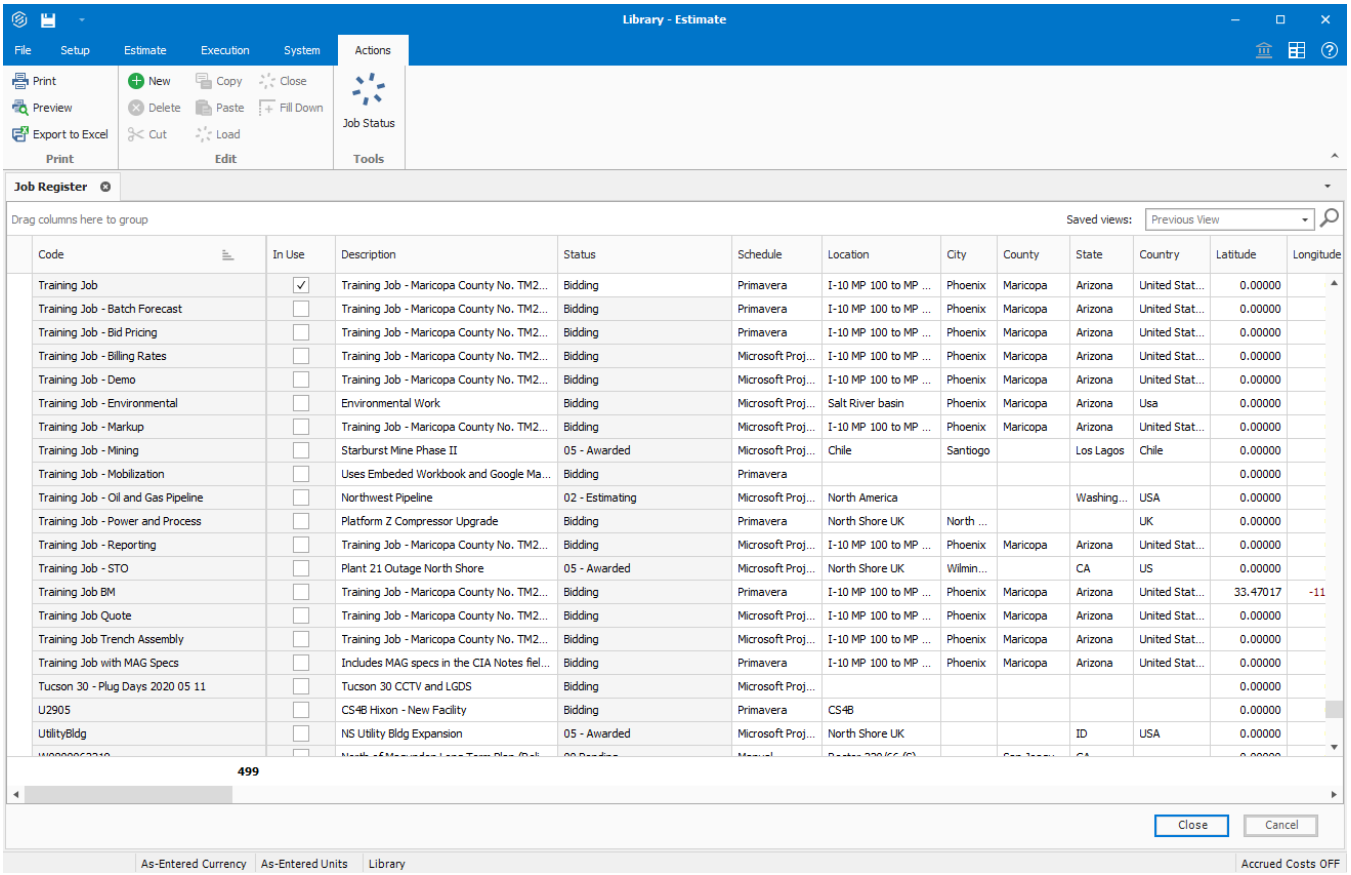


Figure 2: Estimate Library, Job Register


Library - Estimate
File
Setup
Estimate
Execution
System
Actions
Print
Preview
Export to Excel
Print
New
Delete
Cut
Copy
Paste
Load
Close
Fill Down
Edit
Job Status
Tools
Job Register
Drag columns here to group
Saved views:
Previous View
Code
In Use
Description
Status
Schedule
Location
City
County
State
Country
Latitude
Longitude
Training Job
Training Job - Batch Forecast
Training Job - Bid Pricing
Training Job - Billing Rates
Training Job - Demo
Training Job - Environmental
Training Job - Markup
Training Job - Mining
Training Job - Mobilization
Training Job - Oil and Gas Pipeline
Training Job - Power and Process
Training Job - Reporting
Training Job - STO
Training Job BM
Training Job Quote
Training Job Trench Assembly
Training Job with MAG Specs
Tucson 30 - Plug Days 2020 05 11
U2905
UtilityBldg
499
Close
Cancel
As-Entered Currency
As-Entered Units
Library
Accrued Costs OFF