



Explore API Documentation

SelfService_Estimate_JobNote

Version 1.0

Last Modified: 11/14/2023

Last Modified By: Natalie Takacs



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	3/30/2022	Initial draft	Natalie Takacs

Contents

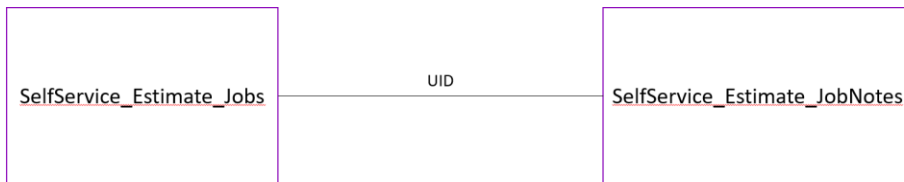
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Overview

The **SelfService_Estimate_JobNotes** API provides the data contained in the Notes field on the Job Properties Cover Sheet. Because this can be a rather large amount of data, it is stored in a separate table rather than being included in the Jobs table.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹	Comment
JobNotes (JN)	Jobs (J)	JN.BidMasterJobUID = J.BidMasterJobUID		



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_JobNote	
Data Refresh/Delta/Incremental Loads		
Project Suite	Starting Version	21.5
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

¹ 1:M = One to Many, 1:1 = One to One, M:1 = Many to one



Fields

Name	Type	CharMaxLen ^g _h	NumericPrecisio ⁿ _n	DatePrecisio ⁿ _n	Product	P K
EstimateJobNoteId	bigint	8	19	0	Estimate	
EstimateJobNoteUF	uniqueidentifier	16	0	0	Estimate	
EstimateJobNoteUID	uniqueidentifier	16	0	0	Estimate	
EstimateJobUID	uniqueidentifier	16	0	0	Estimate	
Notes	nvarchar	8000	0	0	Estimate	
SaveID	int	4	10	0	Estimate	
BidMasterJobUID	uniqueidentifier	16	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
EstimateJobNoteId	Unique identifier assigned to each record in the table	1
EstimateJobNoteUF	System generated field, for internal use only	N/A
EstimateJobNoteUID	Unique identifier for Job Note record in the JobNotes table. Not unique in this table but unique to an instance of a Job. Not visible in the interface	02D0A02F-8019-4A8C-9FA0-980965602DB1
EstimateJobUID	Unique identifier for Job record in the Jobs table. Not unique in this table but unique to an instance of a Job. Not visible in the interface	5376AA5E-8C85-43E8-9ACB-D7422000E832
Notes	Text field appearing in the Notes field on the Overview tab of Job Properties in the Estimate Application	Use this field to record notes, information, special provisions, unusual conditions, etc...
SaveID	Field for internal use only	282

Commented [AC1]: Appears to be the same as BidMasterUID. Verify if there is a distinction?

Commented [AC2]: used to determine if a record has changed and needs to be updated when a save is invoked, prevents updating all data on a save event

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
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 17:47:05.492365 8 +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 17:47:05.492365 8 +00:00

Commented [AC3]: Similar to SaveID, but used across multiple jobs. May be used in the ODS sync to see if changes need to be pushed

Sample

```
{
  "EstimateJobNoteId":4875,"EstimateJobNoteUF":"dd03e734-03f2-0ba8-30c5-03ee8d0b06d4",
  "EstimateJobNoteUID":"9010d2ba-6dc6-4b64-8576-1bdb3d936c29",
  "EstimateJobUID":"4d13358e-6e34-40cc-b5b3-1835b0986afd",
  "Notes":null,"SaveID":390,"BidMasterJobUID":"4d13358e-6e34-40cc-b5b3-1835b0986afd",
  "LastUpdateID":9,"IsActive":true,"CreatedById":1,"CreatedDate":"2022-02-21T17:47:21.0581563Z",
  "ModifiedById":1,"ModifiedDate":"2022-03-10T21:31:13.3014966Z"},
  {"EstimateJobNoteId":21188,"EstimateJobNoteUF":"76475498-d2d7-0ddd-2826-57808c46253e",
  "EstimateJobNoteUID":"181ce345-6d95-406c-abb5-eaf8611b131e",
  "EstimateJobUID":"6e5bb7dd-bf42-4db1-8393-bd78ed5d3620",
  "Notes":"Use this field to record notes, information, special provisions, unusual conditions, etc. You will also find many other places to enter notes in your estimate. You might use this area to enter general job type information and enter more specific notes at the item or record level. \r\n \r\nExample: Embankments shall be so constructed that adequate surface drainage will be provided at all times. Roadway embankment materials that consist predominantly of soil shall be placed in horizontal layers not to exceed 250 millimeters (ten inches) in depth before compaction, and each layer shall be compacted to a density not less than 95 percent of maximum density. Unless otherwise specified, the top 150 millimeters (six inches) of the roadbed in both cut and fill sections shall be compacted to 95 percent of maximum density. Maximum density and optimum moisture will be determined by the Engineer in accordance with the \"Standard Method of Test for Moisture Density Relationship of Soils Using a 2.5 kilograms (5.5 Pound) Rammer and a 305 millimeter (12-inch) Drop\", AASHTO T 99, Method C. The determination of the density of the soil in place will be in accordance with an approved AASHTO method. Placing and compacting areas shall be kept separate.",
  "SaveID":223,"BidMasterJobUID":"6e5bb7dd-bf42-4db1-8393-bd78ed5d3620",
  "LastUpdateID":35,"IsActive":true,"CreatedById":1,"CreatedDate":"2022-02-23T20:38:48.2210733Z",
  "ModifiedById":1,"ModifiedDate":"2022-02-23T20:38:48.2210733Z"}
```



Data Validation

This data can be validated by opening the Job Properties form, Overview tab in an open job of clicking on the Notes field of a job in the Job Register

Figure 1: Job Properties, Overview Tab

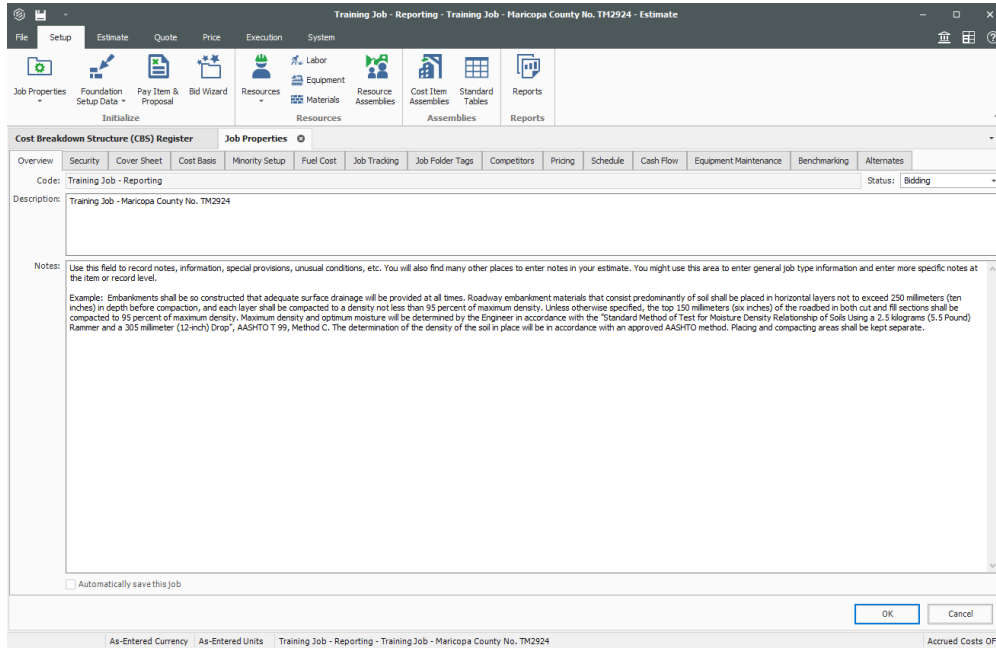


Figure 2: Estimate Library, Job Register

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The screenshot displays the 'Library - Estimate' application window. The 'Job Register' table lists various job codes and their associated tags and values. A detailed note is shown for the selected row, providing instructions on how to use the notes field.

Code	Tag 18	Tag 19	Tag 20	Tag 21	Tag 22	Tag 23	Tag 24	Is Template	Notes	Last Saved	Version
Training Job - Markup				0.00				<input type="checkbox"/>		7/27/2021 3:59:04 ...	20.2.2.0
Training Job - Mining				0.00				<input type="checkbox"/>		7/27/2021 3:59:08 ...	20.2.2.0
Training Job - Mobilization				0.00				<input type="checkbox"/>		7/27/2021 3:59:12 ...	20.2.2.0
Training Job - Oil and Gas Pipeline				0.00				<input type="checkbox"/>		7/27/2021 3:59:17 ...	20.2.2.0
Training Job - Power and Process				0.00				<input type="checkbox"/>		7/27/2021 3:59:22 ...	20.2.2.0
Training Job - Reporting				0.00				<input checked="" type="checkbox"/>		8/31/2021 3:02:51 ...	20.2.2.0
Training Job - STO				0.00				<input type="checkbox"/>	<p>Use this field to record notes, information, special provisions, unusual conditions, etc. You will also find many other places to enter notes in your estimate. You might use this area to enter general job type information and enter more specific notes at the item or record level.</p> <p>Example: Embankments shall be so constructed that adequate surface drainage will be provided at all times. Roadway embankment materials that consist predominantly of soil shall be placed in horizontal layers not to exceed 250 millimeters (ten inches) in depth before compaction, and each layer shall be compacted to a density not less than 95 percent of maximum density. Unless otherwise specified, the top 150 millimeters (six inches) of the roadbed in both cut and fill sections shall be compacted to 95 percent of maximum density. Maximum density and optimum moisture will be determined by the Engineer.</p>		
Training Job - BM				0.00				<input type="checkbox"/>			
Training Job Quote				0.00				<input type="checkbox"/>			
Training Job Trench Assembly				0.00				<input type="checkbox"/>			
Training Job with MAG Specs				0.00				<input type="checkbox"/>			
Tucson 30 - Plug Days 2020 05 11				0.00				<input type="checkbox"/>			
U2905				0.00				<input type="checkbox"/>			
UtilityBldg				0.00				<input type="checkbox"/>			
W0800062219	8/18/2021			0.00			794	<input type="checkbox"/>			
W0800376480				0.00			711	<input type="checkbox"/>			

