Explore API Documentation

Explore_Estimate_CostItemStandard

Version 2.0

Last Modified: 20-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	19-Jul-2024	Initial release	Aaron Cohen
2.0	20-Oct-2025	Updated data refresh	Litzy Mora

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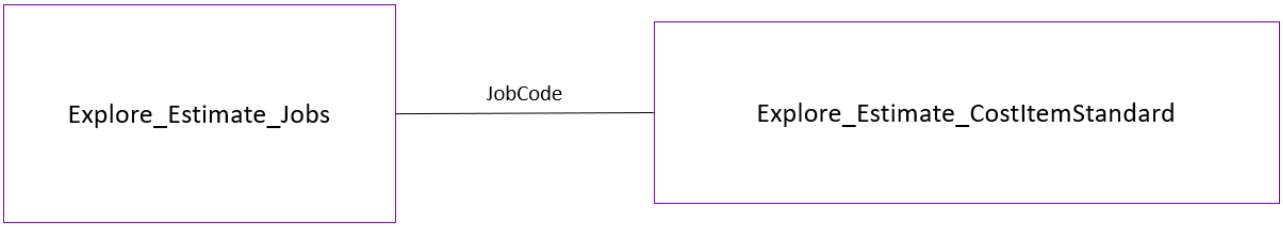
Overview

The ***Explore_Estimate_CostItemStandard*** API provides Cost Item record fields for Tags and User Defined Fields (UDF).

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
CostItemStandard (CIS)	Jobs (J)	CIS.JobCode = J.JobCode	M: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		Explore_Estimate_CostItemStandard
Replicate View		[Explore].[vwEstimateCostItemStandard]
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**	23.12
	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
EstimateCostItemStandardId	bigint	8	19	0	Estimate	X
CostItemsUID	uniqueidentifier	16	0	0	Estimate	
BidMasterJobUID	uniqueidentifier	16	0	0	Estimate	
JobCode	nvarchar	200	0	0	Estimate	
CBSPositionCode	nvarchar	100	0	0	Estimate	
Description	nvarchar	-1	0	0	Estimate	
OptionalCode	nvarchar	100	0	0	Estimate	
ForecastTOQuantity	float	8	53	0	Estimate	
UnitofMeasure	nvarchar	50	0	0	Estimate	
UnitCost	float	8	53	0	Estimate	
TotalCost	float	8	53	0	Estimate	
Currency	nvarchar	400	0	0	Estimate	
Tag1	nvarchar	260	0	0	Estimate	
Tag2	nvarchar	260	0	0	Estimate	
Tag3	nvarchar	260	0	0	Estimate	
Tag4	nvarchar	260	0	0	Estimate	
Tag5	nvarchar	260	0	0	Estimate	
Tag6	nvarchar	260	0	0	Estimate	

Tag7	nvarchar	260	0	0	Estimate	
Tag8	nvarchar	260	0	0	Estimate	
Tag9	nvarchar	260	0	0	Estimate	
Tag10	nvarchar	260	0	0	Estimate	
Tag11	nvarchar	260	0	0	Estimate	
Tag12	nvarchar	260	0	0	Estimate	
Tag13	nvarchar	260	0	0	Estimate	
Tag14	nvarchar	260	0	0	Estimate	
Tag15	nvarchar	260	0	0	Estimate	
Tag16	nvarchar	260	0	0	Estimate	
Tag17	nvarchar	260	0	0	Estimate	
Tag18	nvarchar	260	0	0	Estimate	
Tag19	nvarchar	260	0	0	Estimate	
Tag20	nvarchar	260	0	0	Estimate	
Tag21	nvarchar	260	0	0	Estimate	
Tag22	nvarchar	260	0	0	Estimate	
Tag23	nvarchar	260	0	0	Estimate	
Tag24	nvarchar	260	0	0	Estimate	
Tag25	nvarchar	260	0	0	Estimate	
UserDefined1	nvarchar	250	0	0	Estimate	
UserDefined2	nvarchar	250	0	0	Estimate	
UserDefined3	nvarchar	250	0	0	Estimate	
UserDefined4	nvarchar	250	0	0	Estimate	
UserDefined5	nvarchar	250	0	0	Estimate	
UserDefined6	nvarchar	250	0	0	Estimate	
UserDefined7	nvarchar	250	0	0	Estimate	
UserDefined8	nvarchar	250	0	0	Estimate	
UserDefined9	nvarchar	250	0	0	Estimate	
UserDefined10	nvarchar	250	0	0	Estimate	
UserDefined11	nvarchar	250	0	0	Estimate	
UserDefined12	nvarchar	250	0	0	Estimate	
UserDefined13	nvarchar	250	0	0	Estimate	
UserDefined14	nvarchar	250	0	0	Estimate	
UserDefined15	nvarchar	250	0	0	Estimate	
Notes	nvarchar	4000	0	0	Estimate	
IsTerminal	bit	1	1	0	Estimate	
Suspend	bit	1	1	0	Estimate	
LastChangedOn	datetime	8	23	3	Estimate	
LastChangedBy	nvarchar	50	0	0	Estimate	
CostItemSort	nvarchar	100	0	0	Estimate	

Field Descriptions

Name	Description	Example
EstimateCostItemStandardId	System generated field, for internal use only	468336
CostItemsUID	Unique identifier for a Cost Item record within a Job. This fields value is not visible in the application.	ec614499-750f-4592-b75d-dac50f4e3e66
BidMasterJobUID	Identifier of the Job record from the Jobs table in the BidMaster database.	baed5a3e-d9cf-495b-b134-67236ab01d63
JobCode	Code field value of the Job as found on the Overview tab of Job Properties or in the Job Register of the Estimate Application	Training Job
CBSPositionCode	CBS Position Code field value of the Cost Item record	4.1
Description	Description field value of the Cost Item record	Furnish & Haul Base Material
OptionalCode	Optional Code field value of the Cost Item record	4.1
ForecastTOQuantity	Forecast (T/O) Quantity field value of the Cost Item record	45000
UnitofMeasure	Unit of Measure field value of the Cost Item record	Ton
UnitCost	Unit Cost field value of the Cost Item record	13.669842299776516
TotalCost	Total Cost (Forecast) field value of the Cost Item record	615142.9034821363
Currency	Currency field value of the Cost Item record	U.S. Dollar
Tag1	Tag 1 field value of the Cost Item record	Estimator 1
Tag2	Tag 2 field value of the Cost Item record	Roadway
Tag3	Tag 3 field value of the Cost Item record	null
Tag4	Tag 4 field value of the Cost Item record	null
Tag5	Tag 5 field value of the Cost Item record	null
Tag6	Tag 6 field value of the Cost Item record	null
Tag7	Tag 7 field value of the Cost Item record	null
Tag8	Tag 8 field value of the Cost Item record	null
Tag9	Tag 9 field value of the Cost Item record	null
Tag10	Tag 10 field value of the Cost Item record	null

Tag11	Tag 11 field value of the Cost Item record	null
Tag12	Tag 12 field value of the Cost Item record	null
Tag13	Tag 13 field value of the Cost Item record	null
Tag14	Tag 14 field value of the Cost Item record	null
Tag15	Tag 15 field value of the Cost Item record	null
Tag16	Tag 16 field value of the Cost Item record	null
Tag17	Tag 17 field value of the Cost Item record	null
Tag18	Tag 18 field value of the Cost Item record	null
Tag19	Tag 19 field value of the Cost Item record	null
Tag20	Tag 20 field value of the Cost Item record	null
Tag21	Tag 21 field value of the Cost Item record	null
Tag22	Tag 22 field value of the Cost Item record	null
Tag23	Tag 23 field value of the Cost Item record	null
Tag24	Tag 24 field value of the Cost Item record	null
Tag25	Tag 25 field value of the Cost Item record	null
UserDefined1	User Defined 1 field value of the Cost Item record	null
UserDefined2	User Defined 2 field value of the Cost Item record	null
UserDefined3	User Defined 3 field value of the Cost Item record	null
UserDefined4	User Defined 4 field value of the Cost Item record	null
UserDefined5	User Defined 5 field value of the Cost Item record	null
UserDefined6	User Defined 6 field value of the Cost Item record	null
UserDefined7	User Defined 7 field value of the Cost Item record	null
UserDefined8	User Defined 8 field value of the Cost Item record	null
UserDefined9	User Defined 9 field value of the Cost Item record	null
UserDefined10	User Defined 10 field value of the Cost Item record	null
UserDefined11	User Defined 11 field value of the Cost Item record	null
UserDefined12	User Defined 12 field value of the Cost Item record	null

UserDefined13	User Defined 13 field value of the Cost Item record	null
UserDefined14	User Defined 14 field value of the Cost Item record	null
UserDefined15	User Defined 15 field value of the Cost Item record	null
Notes	Notes field value of the Cost Item record	The Haul is 5 miles.
IsTerminal	Is Terminal field value of the Cost Item record	TRUE
Suspend	Suspend field value of the Cost Item record	FALSE
LastChangedOn	Last Changed On field value of the Cost Item record	2023-06-15T22:50:47.837Z
LastChangedBy	Last Changed By field value of the Cost Item record	Aaron Cohen
CostItemSort	Value indicating the ordinal position of the Cost Items in the CBS Register when the register is sorted by the CBS position code. Can be used for sorting. Not visible in the application.	4.1

Sample


```
{
        "EstimateCostItemStandardId": 468336,
        "CostItemsUID": "ec614499-750f-4592-b75d-dac50f4e3e66",
        "BidMasterJobUID": "baed5a3e-d9cf-495b-b134-67236ab01d63",
        "JobCode": "Training Job",
        "CBSPositionCode": "4.1",
        "Description": "Furnish & Haul Base Material",
        "OptionalCode": "4.1",
        "ForecastTOQuantity": 45000.0,
        "UnitofMeasure": "Ton",
        "UnitCost": 13.669842299776516,
        "TotalCost": 615142.90348213632,
        "Currency": "U.S. Dollar",
        "Tag1": "Estimator 1",
        "Tag2": "Roadway",
        "Tag3": null,
        "Tag4": null,
        "Tag5": null,
        "Tag6": null,
        "Tag7": null,
        "Tag8": null,
        "Tag9": null,
        "Tag10": null,
```

```
        "Tag11": null,
        "Tag12": null,
        "Tag13": null,
        "Tag14": null,
        "Tag15": null,
        "Tag16": null,
        "Tag17": null,
        "Tag18": null,
        "Tag19": null,
        "Tag20": null,
        "Tag21": null,
        "Tag22": null,
        "Tag23": null,
        "Tag24": null,
        "Tag25": null,
        "UserDefined1": null,
        "UserDefined2": null,
        "UserDefined3": null,
        "UserDefined4": null,
        "UserDefined5": null,
        "UserDefined6": null,
        "UserDefined7": null,
        "UserDefined8": null,
        "UserDefined9": null,
        "UserDefined10": null,
        "UserDefined11": null,
        "UserDefined12": null,
        "UserDefined13": null,
        "UserDefined14": null,
        "UserDefined15": null,
        "Notes": "The Haul is 5 miles.",
        "IsTerminal": true,
        "Suspend": false,
        "LastChangedOn": "2023-06-15T22:50:47.837Z",
        "LastChangedBy": "Aaron Cohen",
        "CostItemSort": "4.1"
}
```

Data Validation

The Cost Item Tag and User Defined Fields (UDF) can be validated by opening using the Standard View in the CBS Register or opening individual Cost Item records.

Figure 1: Cost Breakdown Structure (CBS) Register with the *Standard* view selected

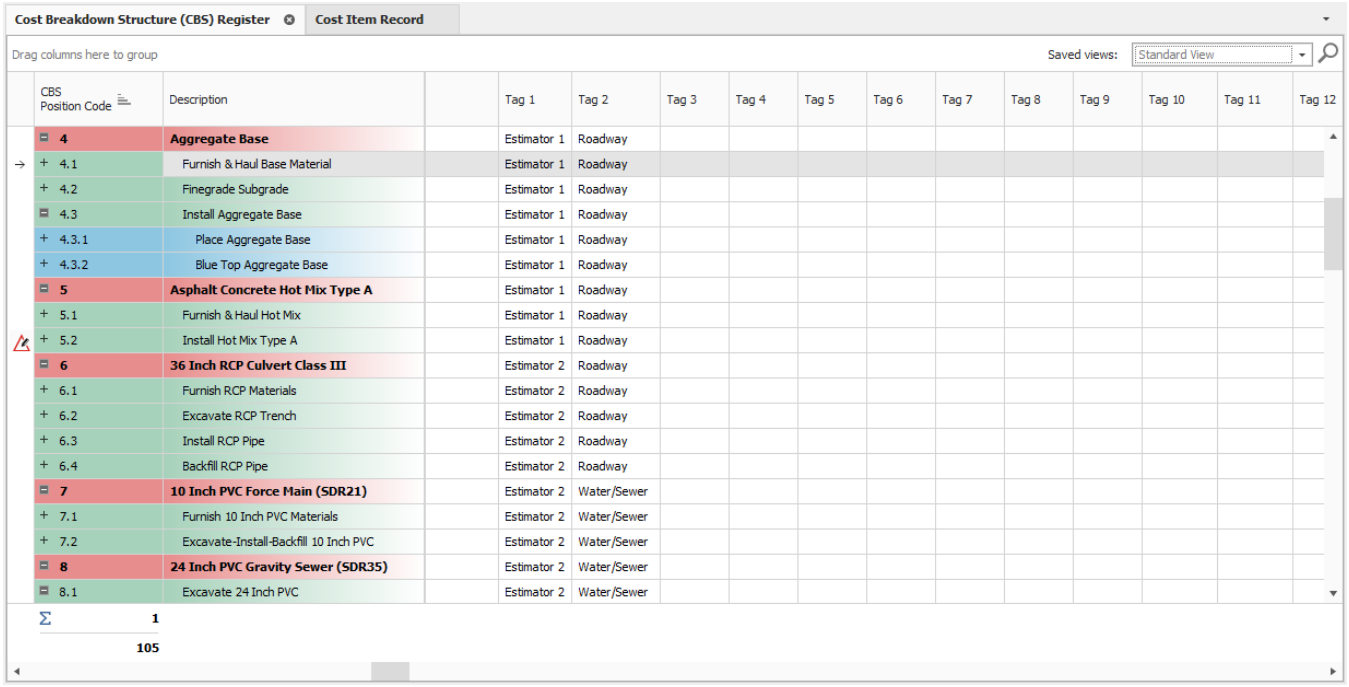
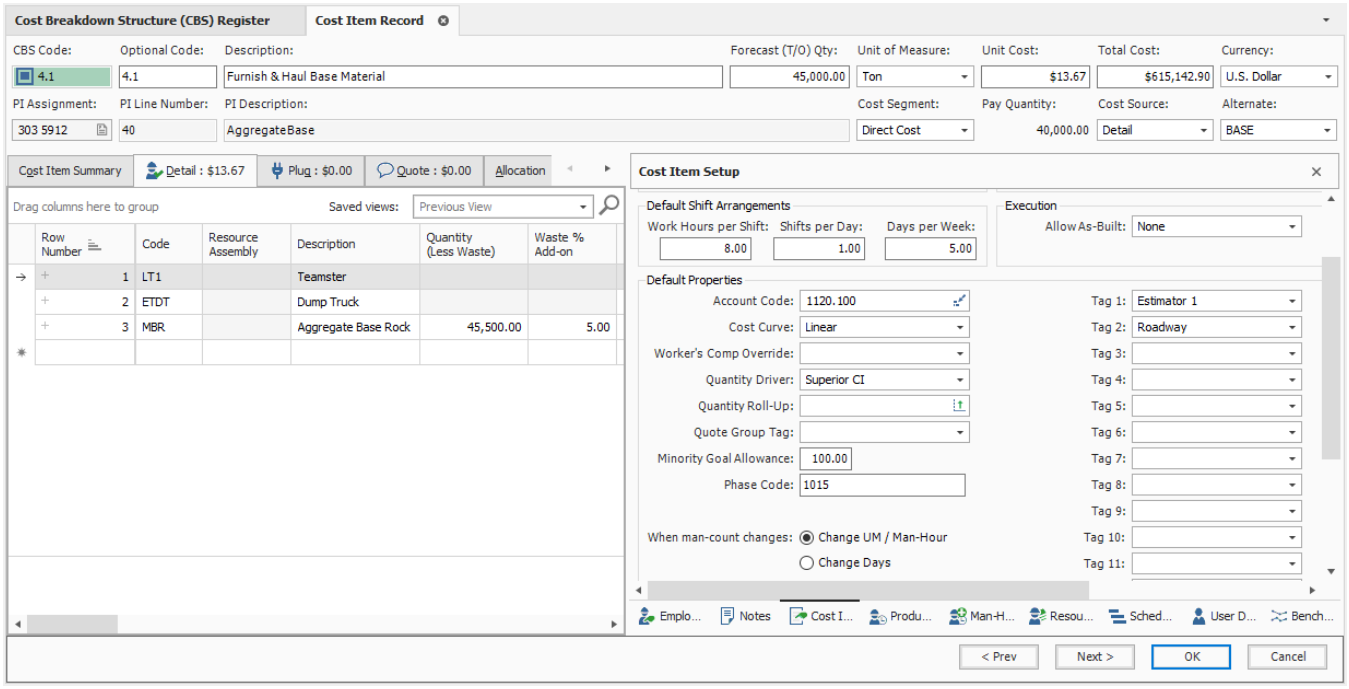



Figure 2: Cost Item record displaying the Cost Item Setup datablock