Explore API Documentation

SelfService_Estimate_PayItemReferencedData

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 draft	Natalie Takacs
2.0	10-Dec-2025	Updated refresh data	Litzy Mora

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Overview

The ***SelfService_Estimate_PayItemReferencedData*** API is one of multiple APIs comprising the data contained in the Estimate Pay Item entity. A Pay Item is business object commonly representing a Bid Item on an owners Bid Form or a line item on a Schedule of Values and the sum of all Pay Item prices commonly represents the total Bid Amount of an Estimate. In a locked job the Pay Item automatically creates a corresponding Level 1 Cost Item which it is assigned to. In an unlocked job, Pay Items and Cost Items can be created independently of each other and assignments can be made regardless of an items position in the hierarchy.

The Estimate Pay Item entity mainly includes three tables, *SelfService_Estimate_PayItem*, *SelfService_Estimate_PayItemCalculatedValues* and *SelfService_Estimate_PayItemReferencedData*.

The *SelfService_Estimate_PayItem* table contains Pay Items as created and managed within the Estimate application.

The *SelfService_Estimate_PayItemCalculatedValues* table contains Pay Item data commonly calculated in some way for display purposes 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_PayItemReferencedData* contains the values of the many foreign key lookup values stored in reference tables 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.

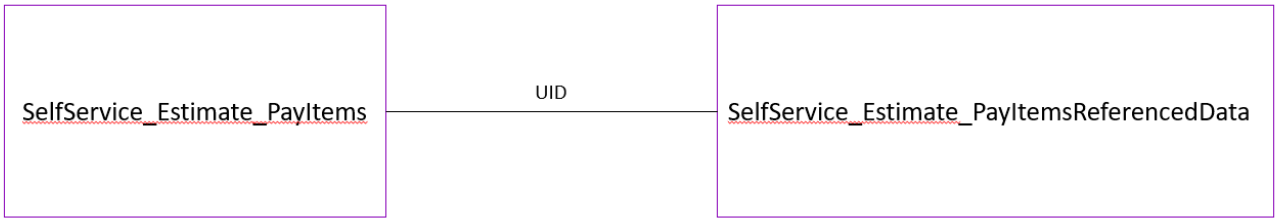
Monetary values stored in the database are stored in their base currency and corresponding values displayed in the application have been modified based on the conversion factor of the items assigned currency.

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]
PayItemsReferencedData (PIRD)	PayItems (PI)	PIRD.UID= PI.UID	1:1

SelfService_Estimate_PayItemsReferencedData



[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_PayItemReferencedData
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
EstimatePayItemReferencedDataId	bigint	8	19	0	Estimate	X
EstimatePayItemReferencedDataUF	uniqueidentifier	16	0	0	Estimate	
EstimatePayItemReferencedDataUID	uniqueidentifier	16	0	0	Estimate	
AccountCode	nvarchar	100	0	0	Estimate	
AlternateCode	nvarchar	60	0	0	Estimate	
AlternateUnitOfMeasureName	nvarchar	100	0	0	Estimate	
BudgetItemPayItemID	nvarchar	200	0	0	Estimate	
CurrencyName	nvarchar	800	0	0	Estimate	
CurrentBudgetCurrencyName	nvarchar	800	0	0	Estimate	
CurrentBudgetUnitOfMeasureName	nvarchar	100	0	0	Estimate	
OriginalBudgetCurrencyName	nvarchar	800	0	0	Estimate	
OriginalBudgetUnitOfMeasureName	nvarchar	100	0	0	Estimate	

PaymentMethodTypeName	nvarchar	100	0	0	Estimate	
UnitOfMeasureName	nvarchar	100	0	0	Estimate	
UserTag1Code	nvarchar	520	0	0	Estimate	
UserTag2Code	nvarchar	520	0	0	Estimate	
UserTag3Code	nvarchar	520	0	0	Estimate	
UserTag4Code	nvarchar	520	0	0	Estimate	
UserTag5Code	nvarchar	520	0	0	Estimate	
UserTag6Code	nvarchar	520	0	0	Estimate	
UserTag7Code	nvarchar	520	0	0	Estimate	
UserTag8Code	nvarchar	520	0	0	Estimate	
UserTag9Code	nvarchar	520	0	0	Estimate	
UserTag10Code	nvarchar	520	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
EstimatePayItemReferencedDataId	Unique identifier assigned to each record in the table	1
EstimatePayItemReferencedDataUF	System generated field, for internal use only	N/A
EstimatePayItemReferencedDataUID	Unique identifier for a Pay Item record. Not visible in the interface.	02108A0E-D4FB-4226-A572-ABB6FDB197E0
AccountCode	Description of the Pay Items assigned *Account Code.* This field can be found	1700

	in Pay Item record and Pay Item & Proposal Register.	
AlternateCode	Description of the Pay Items assigned *Alternate Code.* This field can be found in Pay Item record and Pay Item & Proposal Register.	BASE
AlternateUnitOfMeasureName	Description of the Base Name of a Pay Items selected *Unit of Measure* field value.	Each
BudgetItemPayItemID	Identifier of the Pay Items assigned Budget Item ID.	NULL
CurrencyName	Description of the Pay Items assigned *Currency* selection as found on the Pay Item record and Pay Item & Proposal Register.	U.S. Dollar
CurrentBudgetCurrencyName	Current Budget values Currency description.	U.S. Dollar
CurrentBudgetUnitOfMeasureName	Current Budget values Unit Of Measure description.	Each
OriginalBudgetCurrencyName	Original Budget values Currency description.	U.S. Dollar
OriginalBudgetUnitOfMeasureName	Original Budget values Unit Of Measure description.	Each
PaymentMethodTypeName	It is the drop-down selection field for a Pay Item in pay Item record and Pay Item & Proposal register Selection options: Unit price; Fixed Final Price; Time & Expenses.	Unit Price
UnitOfMeasureName	Description of the Pay Items selected *Unit of Measure* field value as found on the Pay Item record and pay Item & Proposal Register.	Each
UserTag1Code	It is the Text value in Pay Items *Tag 1* dropdown list.	Bridge
UserTag2Code	It is the Text value in Pay Items *Tag 2* dropdown list.	Concrete
UserTag3Code	It is the Text value in Pay Items *Tag 3* dropdown list.	Sample Tag Value
UserTag4Code	It is the Text value in Pay Items *Tag 4* dropdown list.	Sample Tag Value
UserTag5Code	It is the Text value in Pay Items *Tag 5* dropdown list.	Sample Tag Value
UserTag6Code	It is the Text value in Pay Items *Tag 6* dropdown list.	Sample Tag Value
UserTag7Code	It is the Text value in Pay Items *Tag 7* dropdown list.	Sample Tag Value
UserTag8Code	It is the Text value in Pay Items *Tag 8* dropdown list.	Sample Tag Value
UserTag9Code	It is the Text value in Pay Items *Tag 9* dropdown list.	Sample Tag Value

UserTag10Code	It is the Text value in Pay Items *Tag 10* dropdown list.	Sample Tag Value
BidMasterJobUID	Job identifier of the Pay Item from the Jobs table.	6E5BB7DD-BF42-4DB1-8393-BD78ED5D3620
BidMasterJobCode	Value of the Job Code field.	Training Job
LastUpdateID	Field for internal use only	1
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
reatedById	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


```
{"EstimatePayItemReferencedDataId":5156,"EstimatePayItemReferencedDataUF":"4d0386aa
-bd27-06c7-0b0f-8d023de4d37d","EstimatePayItemReferencedDataUID":"0010b324-d313-
460b-bebc-95378d7cb980","AccountCode":"CSI-
01800","AlternateCode":"BASE","AlternateUnitOfMeasureName":"Each","BudgetItemPayIte
mID":null,"CurrencyName":"U.S. Dollar","CurrentBudgetCurrencyName":"U.S.
Dollar","CurrentBudgetUnitOfMeasureName":"Each","OriginalBudgetCurrencyName":"U.S.
Dollar","OriginalBudgetUnitOfMeasureName":"Each","PaymentMethodTypeName":"Unit
Price","UnitOfMeasureName":"Each","UserTag1Code":"Commercial","UserTag2Code":null,"
UserTag3Code":null,"UserTag4Code":null,"UserTag5Code":null,"UserTag6Code":null,"Use
rTag7Code":null,"UserTag8Code":null,"UserTag9Code":null,"UserTag10Code":null,"BidMa
sterJobUID":"4d13358e-6e34-40cc-b5b3-1835b0986afd","BidMasterJobCode":"SB - First
Job","LastUpdateID":9,"IsActive":true,"CreatedById":1,"CreatedDate":"2022-02-
21T17:47:21.2143601Z","ModifiedById":1,"ModifiedDate":"2022-02-
21T17:47:21.2143601Z","ParentPayItemID":null}
```


Data Validation

This data can be validated by viewing Pay Items in Pay Item & Proposal Register or opening a Pay Item record from Pay Item & Proposal Register

Figure 1: Pay Items in Pay Item & Proposal Register

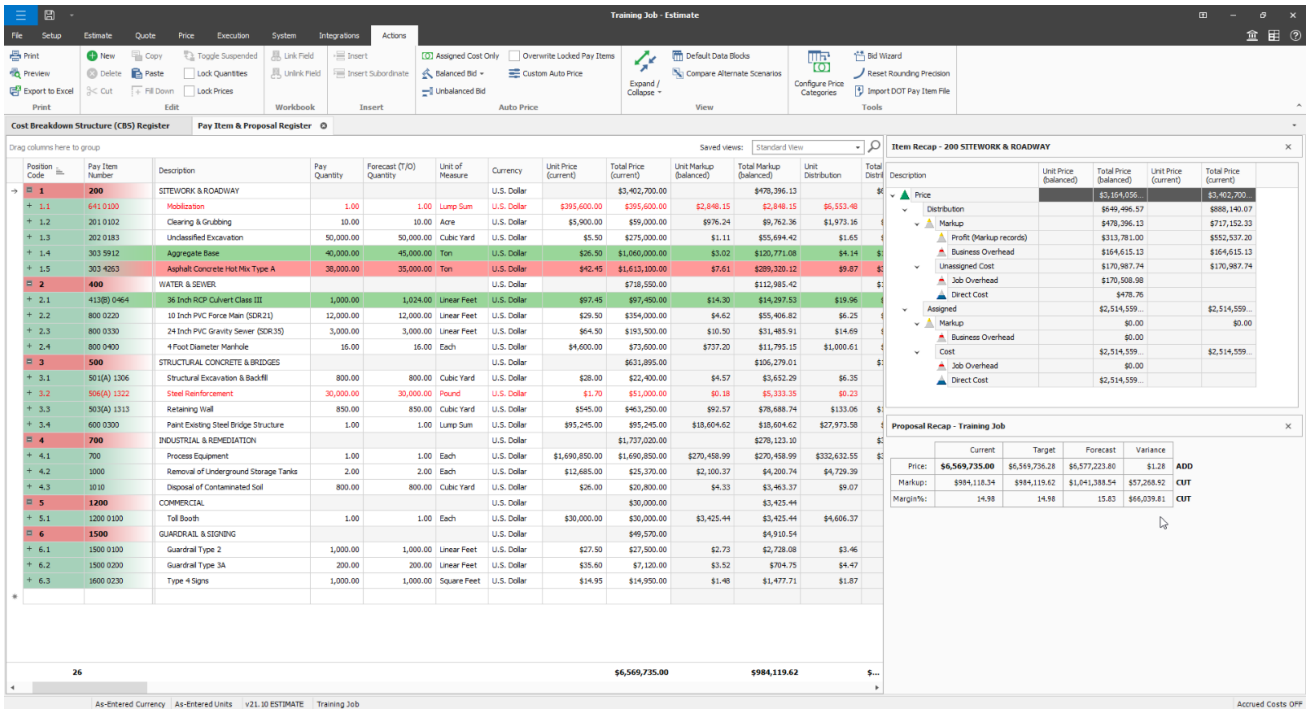
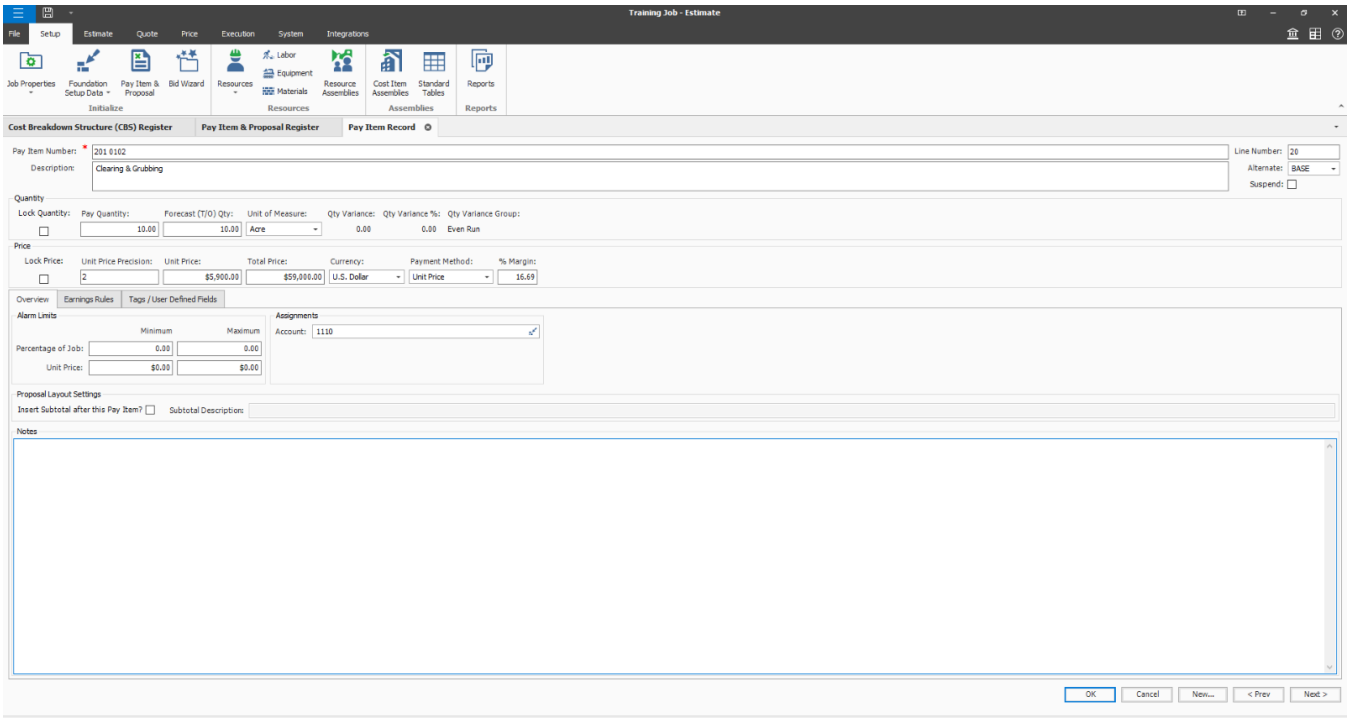



Figure 2: Pay Item Record