



## Explore API Documentation

# SelfService\_Contract\_CostItemPricingD

## etail

Version 0.01

Last Modified: 11/14/2023

Last Modified By: Harsha Ayyadevara



## 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
0.01	10/14/2021	Initial draft	Harsha Ayyadevara

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## Overview

This API contains information about your project's cost item's characteristics (ex: Area, Tags, Location, etc.).

From: Table	To: Table	Relationship	Cardinality <sup>1</sup>	Comment

## 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_Contract_CostItemPricingDetail		
Data Refresh/Delta/Incremental Loads	This API must be run as a full refresh each time; the data in this API refreshes every 15-20 minutes		
Project Suite	Starting Version	V1.0	
	Ending Version	V1.0	

## Supported Filters

All default OData filters are supported by this API.

## Fields

Name	Type	CharMaxLength	NumericPrecision	DatePrecision	Product	PK
<b>CostItemPricingDetailId</b>	bigint	NULL	19	NULL	Contract	X
<b>ProjectId</b>	bigint	NULL	19	NULL	Contract	
<b>ChangeIssued</b>	bigint	NULL	19	NULL	Contract	
<b>PricingDetailCategoryId</b>	bigint	NULL	19	NULL	Contract	
<b>PricingDetailCategoryName</b>	nvarchar	250	NULL	NULL	Contract	

<sup>1</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

<b>PricingDetailTypeId</b>	bigint	NULL	19	NULL	Contract	
<b>PricingDetailTypeName</b>	nvarchar	250	NULL	NULL	Contract	
<b>CostItemPricingId</b>	bigint	NULL	19	NULL	Contract	
<b>WBSPhaseCode</b>	nvarchar	50	NULL	NULL	Contract	
<b>WBSPhaseCodeDescription</b>	nvarchar	4000	NULL	NULL	Contract	
<b>CBTotalQuantity</b>	decimal	NULL	22	NULL	Contract	
<b>CETotalQuantity</b>	decimal	NULL	22	NULL	Contract	
<b>UOMId</b>	bigint	NULL	19	NULL	Contract	
<b>UoM</b>	nvarchar	255	NULL	NULL	Contract	
<b>AdjustedManHours</b>	decimal	NULL	22	NULL	Contract	
<b>AdjustedCost</b>	decimal	NULL	22	NULL	Contract	
<b>AdjustedMHPerUnit</b>	decimal	NULL	22	NULL	Contract	
<b>AdjustedUnitsPerMH</b>	decimal	NULL	22	NULL	Contract	
<b>CBMHPerUnit</b>	decimal	NULL	22	NULL	Contract	
<b>CBUnitPerMH</b>	decimal	NULL	22	NULL	Contract	
<b>CEMHPerUnit</b>	decimal	NULL	22	NULL	Contract	
<b>CEUnitsPerMH</b>	decimal	NULL	22	NULL	Contract	
<b>CBUnitCost</b>	decimal	NULL	22	NULL	Contract	
<b>CEUnitCost</b>	decimal	NULL	22	NULL	Contract	
<b>CBTotalManHours</b>	decimal	NULL	22	NULL	Contract	
<b>CETotalManHours</b>	decimal	NULL	22	NULL	Contract	
<b>AdjustedUnitCost</b>	decimal	NULL	22	NULL	Contract	

<b>AdjustedBillableCost</b>	decimal	NULL	22	NULL	Contract	
<b>AdjustedMarkupPercentage</b>	decimal	NULL	22	NULL	Contract	
<b>AdjustedMarkupCost</b>	decimal	NULL	22	NULL	Contract	
<b>BillableCost</b>	decimal	NULL	22	NULL	Contract	
<b>CBBillableCostMHrs</b>	decimal	NULL	22	NULL	Contract	
<b>CEBillableCostMHrs</b>	decimal	NULL	22	NULL	Contract	
<b>IsCostItemRemoved</b>	bit	NULL	NULL	NULL	Contract	
<b>PricingId</b>	bigint	NULL	19	NULL	Contract	
<b>IsActive</b>	bit	NULL	NULL	NULL	Contract	
<b>ModifiedDate</b>	datetimeoffset	NULL	NULL	NULL	Contract	

## Field Descriptions

Name	Description	Example
<b>CostItemPricingDetailId</b>	System generated code for Cost Item Pricing Detail	236,1440,90
<b>ProjectId</b>	System generated code Project id	1,2,3
<b>ChangeIssueId</b>	System generated id for Change issue	41981, 43806
<b>PricingDetailCategoryId</b>	System generated id for Pricing Detail Category	1
<b>PricingDetailCategoryName</b>	Text description of Pricing Detail Category	Direct cost total
<b>PricingDetailTypeId</b>	System generated id for Pricing Detail Category	1, 2
<b>PricingDetailTypeName</b>	Text description of Pricing Detail Category	Labor, Equipment
<b>CostItemPricingId</b>	Unique id for the Cost item pricing	30746, 10522
<b>WBSPhaseCode</b>	The code used to hold cost, budget, forecast, etc. for a piece of work	282
<b>WBSPhaseCodeDescription</b>	Text description of the WBS phase code	VK task 1

<b>CBTotalQuantity</b>	Current budget total quantity	855.000
<b>CETotalQuantity</b>	Current estimate total quantity	3446.000000000000
<b>UOMId</b>	Unique identifier for unit of measure	1
<b>UoM</b>	Text description of unit of measure	Acre1
<b>AdjustedManHours</b>	Man hours for adjusted hours	11.000000000000
<b>AdjustedCost</b>	Cost for adjusted hours	22.000000000000
<b>AdjustedMHPerUnit</b>	Man hours / unit	0.500000000000
<b>AdjustedUnitsPerMH</b>	Man hours / unit	2.000000000000
<b>CBMHPerUnit</b>	Formula: CB total MHrs / CB total qty	28.571428000000
<b>CBUnitPerMH</b>	Formula: CB total qty / CB total MHrs	56.21359202
<b>CEMHPerUnit</b>	Formula: CE total MHrs / Forecast (T/O) qty	13.2594103585
<b>CEUnitsPerMH</b>	Formula: Forecast (T/O) qty / CE total MHrs	3.25455987487
<b>CBUnitCost</b>	Formula: Forecast (T/O) qty / CB total Cost	0.000000000000
<b>CEUnitCost</b>	Formula: Forecast (T/O) qty / CE total Cost	0.000000000000
<b>CBTotalManHours</b>	Total budget employee hours to complete scope of cost item	20.000000000000
<b>CETotalManHours</b>	Total budget employee hours to complete scope of cost item	10.000000000000
<b>AdjustedUnitCost</b>		110.000000000000
<b>AdjustedBillableCost</b>		92.000000000000
<b>AdjustedMarkupPercentage</b>		0.000000000000
<b>AdjustedMarkupCost</b>		0.000000000000
<b>BillableCost</b>		0.000000000000
<b>CBBillableCostMHrs</b>	Current budget billable cost	1.000000000000
<b>CEBillableCostMHrs</b>	Current estimate billable cost	1.000000000000
<b>IsCostItemRemoved</b>	Flag to determine if costitem is removed or not, 0 or 1	1.000000000000
<b>PricingId</b>	Unique identifier for pricing	40863
<b>IsActive</b>	Active = 1, InActive = 0	1
<b>ModifiedDate</b>		2021-10-01 10:27:27.6563581+00:00

## Sample

```
{
}

```

## Data Validation

Project and Organization Data can be validated through the All Projects & Organizations view: