



Explore API Documentation

SelfService_Contract_VCOLineItemDetail Version 1.0

Last Modified: 11/14/2023

Last Modified By: Swadesh.Subedi



Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

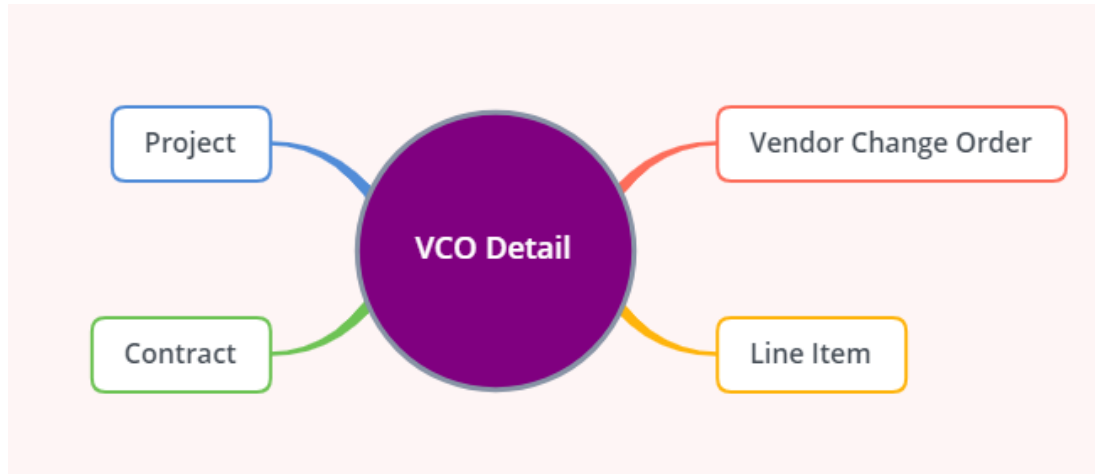
Revision	Change Date	Description	Modified By
1.0	06/11/2021	Initial draft	Swadesh Subedi

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Overview

A vendor change order can be adjusting multiple line items. This API delineates the association of a vendor change order and line items. It also provides the current, adjusted, and revised line time Quantity, Price, Per and Net Price.



From: Table	To: Table	Relationship	Cardinality ¹	Comment
SelfService_Contract_VCOLineItem (VCOLI)	Selfservice_Contract_Project (P)	P.ProjectId = VCOLI.ProjectId	1:M	Id, Display, Name, Organization Id
SelfService_Contract_VCOLineItem (VCOLI)	Selfservie_Contract_Contract(C)	C.ContractId = VCOLI.ContractId	1:M	Contract Info
SelfService_Contract_VCOLineItem (VCOLI)	Selfservie_Contract_LineItem(LI)	LI.ContractDetailId = VCOLI.ContractDetailId	1:M	Line Item Info
SelfService_Contract_VCOLineItem (VCOLI)	Selfservie_Contract_VendorChangeOrder(VCO)	VCO.ContractChangeOrderId = VCOLI.ContractChangeOrderId	1:M	VCO Info

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 the date range selected.
APIM Name	SelfService_Contract_VCOLineItemDetail
API URL	https://api.ineight.com/reporting/v1/{tenantPrefix}/odata/ SelfService_Contract_VCOLineItemDetail

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

Source Data Table Kind		ODS Tables
Data Refresh/Delta/Incremental Loads		Incremental
Project Suite	Starting Version	V1.0
	Ending Version	V1.0

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
ChangeOrderContractDetailId	bigint	NULL	19	0	NULL	0	X
ContractChangeOrderId	bigint	NULL	19	0	NULL	1	
VendorChangeOrderNumber	nvarchar	50	NULL	NULL	NULL	1	
Description	nvarchar	500	NULL	NULL	NULL	1	
ExecutedDate	date	NULL	NULL	NULL	0	1	
ContractDetailId	bigint	NULL	19	0	NULL	1	
LineItemCode	nvarchar	50	NULL	NULL	NULL	1	
ProjectId	bigint	NULL	19	0	NULL	1	
ContractId	bigint	NULL	19	0	NULL	1	
VCOCurrentQuantity	decimal	NULL	16	5	NULL	1	
VCOCurrentUnitPrice	decimal	NULL	16	5	NULL	1	
VCOCurrentPer	int	NULL	10	0	NULL	1	
VCOCurrentNetPrice	decimal	NULL	16	5	NULL	1	
VCOAdjustedQuantity	decimal	NULL	16	5	NULL	1	
VCOAdjustedUnitPrice	decimal	NULL	16	5	NULL	1	
VCOAdjustedNetPrice	decimal	NULL	16	5	NULL	1	
VCORevisedQuantity	decimal	NULL	16	5	NULL	1	
VCORevisedPrice	decimal	NULL	16	5	NULL	1	
VCORevisedNetPrice	decimal	NULL	16	5	NULL	1	
IsDeleted	bit	NULL	NULL	NULL	NULL	1	
IsActive	bit	NULL	NULL	NULL	NULL	0	
CreatedDate	date	NULL	NULL	NULL	0	1	
VCOLineModifiedDate	date	NULL	NULL	NULL	0	1	
ModifiedDate	datetimeoffset	NULL	NULL	NULL	7	1	

Field Descriptions

Name	Description	Example
ChangeOrderContractDetailId	Unique identifier of a vendor change order- line item association.	45738
ContractChangeOrderId	Associated vendor change order Id	16748
VendorChangeOrderNumber	Manually entered vendor change order code	003

Description	Vendor change order description	Green Roof Materials
ExecutedDate	VCO executed date	2019-10-24
ContractDetailId	Line item Identifier	48114
LineItemCode	System generated sequential line time code	0001
ProjectId	System generated code for a project	29
ContractId	Associated Contract Id	7200000034
VCOCurrentQuantity	Current line item quantity	42,000
VCOCurrentUnitPrice	Current line item price	2
VCOCurrentPer	Current line item price per	1
VCOCurrentNetPrice	Current line item net price	84,000
VCOAdjustedQuantity	VCO quantity adjusted by	10,000
VCOAdjustedUnitPrice	VCO unit price adjusted by	0
VCOAdjustedNetPrice	VCO adjusted net price	20,000
VCORevisedQuantity	Total line item revised quantity	52,000
VCORevisedPrice	Line item revised price	1
VCORevisedNetPrice	Total revised net price	104,000
IsDeleted	Indicates the line item has been deleted (but not removed)	0
IsActive	Indicates whether a record has been soft-deleted	Active = 1, Inactive = 0
CreatedDate	Record created date	2021-06-05
VCOLineModifiedDate	Record modified date	2021-06-05
ModifiedDate	Date of last modification of all fields (For incremental refresh)	2021-06-10 13:18:05.4289680 +00:00

Sample

```
{ "ChangeOrderContractDetailId":2, "ContractChangeOrderId":3, "VendorChangeOrderNumber": "1", "Description": "CCO - 4YZ_CCO", "ExecutedDate": "2017-11-18", "ContractDetailId":3, "LineItemCode": "0001", "ProjectId":1, "ContractId":7100000001, "VCOCurrentQuantity":500.00000, "VCOCurrentUnitPrice":100.00000, "VCOCurrentPer":1, "VCOCurrentNetPrice":50000.00000, "VCOAdjustedQuantity":9.00000, "VCOAdjustedUnitPrice":0.00000, "VCOAdjustedNetPrice":900.00000, "VCORevisedQuantity":509.00000, "VCORevisedPrice":100.00000, "VCORevisedNetPrice":50900.00000, "IsDeleted":false, "IsActive":true, "CreatedDate": "2017-11-18", "VCOLineModifiedDate": "2017-11-18", "ModifiedDate": "2017-12-11T17:52:28.9212086Z" }
```

Data Validation

Line items associated with a vendor change order details can be found on the Line Item tab after opening a vendor change order.

Contracts > 7400000009 - 103413 - Waldin... > 1-535 CAD \$

OA 21.5

VCO total: \$ 500.00
 Remaining amount to allocate: \$ 0.00

Delay days due to issue: [] Ball in court: None Vendor CO status: Execute and publish

DETAILS **LINE ITEMS** SUPPORTING DOCUMENTS

Line item ID...	Description	UoM	Cost center	Current line value			Change order adjustments			Total revised line value		
				Quantity	Price	Per	Quantity	Price	Net price	Quantity	Price	Net price
0002	SUBCONTRA	Ea		500.000	\$ 1.00		500.000	\$ 1.00	\$ 500.00	500.000	\$ 1.00	\$ 500.00

Figure 1: VCO Line Items