INEIGHT

Explore API Documentation

SelfService_Estimate_ResourceEmployment

Version 3.0

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 release	Natalie Takacs
2.0	22-Dec-2022	Updated pagination	Litzy Mora
3.0	10-Dec-2025	Updated data refresh	Litzy Mora

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Overview

The ***SelfService_Estimate_ResourceEmployments*** API is one of multiple APIs comprising the data contained in the Estimate Resource Employment entity. A Resource Employment is an instance of a Resource as used in the Estimate, is assigned to a Cost Item and contributes to the Estimate when the Cost Items Cost Source is "Detail"

The Estimate Resource Employment entity mainly includes three tables, *SelfService_Estimate_ResourceEmployments*, *SelfService_Estimate_ResourceEmploymentsCalculatedValues* and *SelfService_Estimate_ResourceEmploymentsReferencedData*.

The *SelfService_Estimate_ResourceEmployments* table contains Resource Employment records as created and managed within the Estimate application.

The *SelfService_Estimate_ResourceEmploymentsCalculatedValues* table contains Resource Employment 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_ResourceEmploymentsReferencedData* 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.

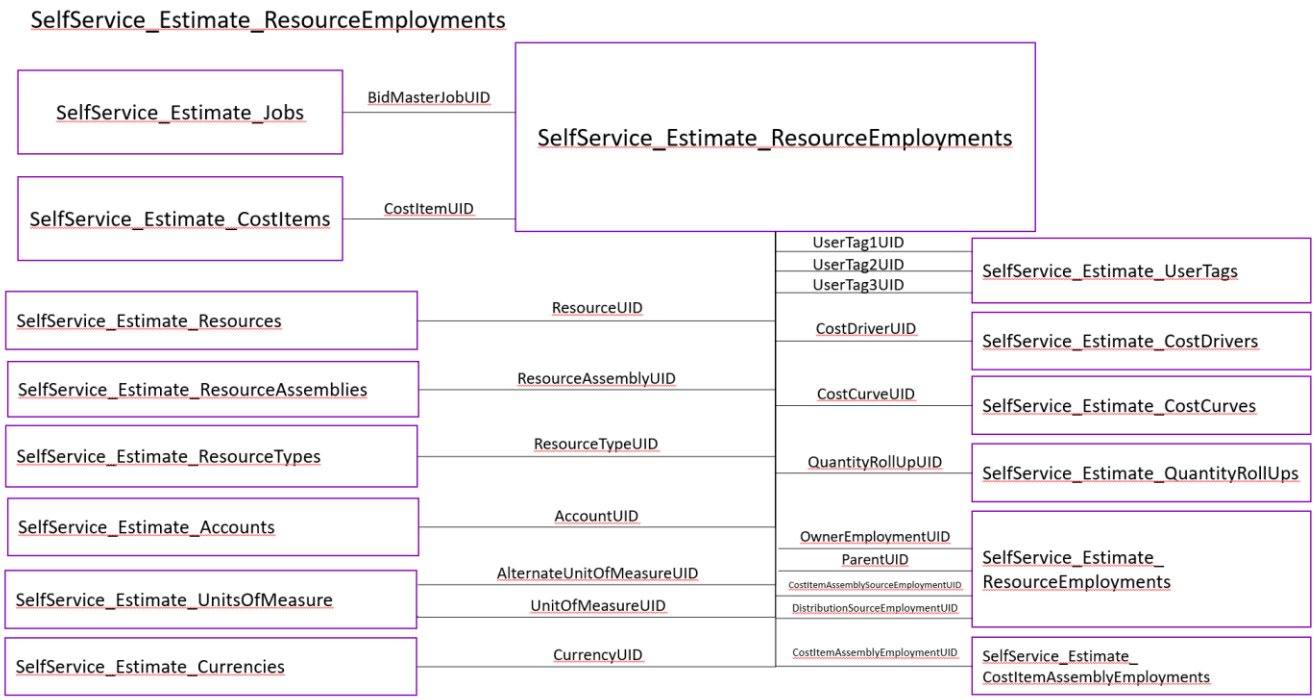
Quantity values stored in the database are stored in their base measurement units and corresponding values displayed in the application are potentially modified based on the conversation factor of the items unit of measure

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]
ResourceEmployments (RE)	Jobs (J)	RE.BidMasterJobUID = J.BidMasterJobUID	M:1
ResourceEmployments (RE)	CostItems (CI)	RE.CostItemUID = CI.UID	M:1
ResourceEmployments (RE)	Resources (R)	RE.ResourceUID = R.UID	M:1
ResourceEmployments (RE)	ResourceAssemblies (RA)	RE.ResourceAssemblyUID = RA.UID	M:1
ResourceEmployments (RE)	ResourceTypes (RT)	RE.ResourceTypeUID = RT.Type	M:1
ResourceEmployments (RE)	Accounts (A)	RE.AccountUID = A.UID	M:1
ResourceEmployments (RE)	UnitsOfMeasure (UM)	RE.UnitOfMeasureUID = UM.UID	M:1
ResourceEmployments (RE)	UnitsOfMeasure (AUM)	RE.AlternateUnitOfMeasureUID = AUM.UID	M:1
ResourceEmployments (RE)	Currencies (C)	RE.CurrencyUID = C.UID	M:1

[1] *1:M = One to Many, 1:1 = One to One, M:1 = Many to one*

ResourceEmployments (RE)	CostDrivers (CD)	RE.CostDriverUID = CD.UID	M:1
ResourceEmployments (RE)	CostCurves (CC)	RE.CostCurveUID = CC.UID	M:1
ResourceEmployments (RE)	QuantityRollUps (QR)	RE.QuantityRollUpUID = QR.UID	M:1
ResourceEmployments (RE)	UserTags (UT1)	RE.UserTag1UID = UT1.UID	M:1
ResourceEmployments (RE)	UserTags (UT2)	RE.UserTag2UID = UT2.UID	M:1
ResourceEmployments (RE)	UserTags (UT3)	RE.UserTag3UID = UT3.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (HRE)	RE.OwnerEmploymentUID = HRE.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (HASM)	RE.ParentUID = HASM.UID	M:1
ResourceEmployments (RE)	CostItemAssemblyEmployments (CIAE)	RE.CostItemAssemblyEmploymentUID = CIAE.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (CIARE)	RE.CostItemAssemblySourceEmploymentUID = CIARE.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (ALRE)	RE.DistributionSourceEmploymentUID = ALRE.UID	M:1



API Detail

Direction		From Project Suite
Pagination		5,000 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_ResourceEmployment
Replicate View		[SelfService].[vwEstimateResourceEmployment]
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
EstimateResourceEmploymentId	bigint	8	19	0	Estimate	X
EstimateResourceEmploymentUF	uniqueidentifier	16	0	0	Estimate	
EstimateResourceEmploymentUID	uniqueidentifier	16	0	0	Estimate	
EstimateAccountCodeUID	uniqueidentifier	16	0	0	Estimate	
ActualPayHours	float	8	53	0	Estimate	
ActualWorkHours	float	8	53	0	Estimate	
AddOnQuantity	float	8	53	0	Estimate	
AlternateUnitOfMeasureUID	uniqueidentifier	16	0	0	Estimate	
CostCurveUID	uniqueidentifier	16	0	0	Estimate	
CostDriverUID	uniqueidentifier	16	0	0	Estimate	
CostItemAssemblyEmploymentUID	uniqueidentifier	16	0	0	Estimate	
CostItemAssemblySourceEmploymentUID	uniqueidentifier	16	0	0	Estimate	

EstimateCostItemUID	uniqueidentifier	16	0	0	Estimate	
EstimateCurrencyUID	uniqueidentifier	16	0	0	Estimate	
DaysPerWeek	float	8	53	0	Estimate	
Description	nvarchar	2000	0	0	Estimate	
DistributionSourceEmploymentUID	uniqueidentifier	16	0	0	Estimate	
EmploymentType	int	4	10	0	Estimate	
IsDelta	bit	1	1	0	Estimate	
LastChanged	datetime	8	23	3	Estimate	
LastChangedBy	nvarchar	100	0	0	Estimate	
MaintenanceLaborTotalCost	float	8	53	0	Estimate	
MaintenanceLaborUnitCost	float	8	53	0	Estimate	
OwnerEmploymentUID	uniqueidentifier	16	0	0	Estimate	
ParentUID	uniqueidentifier	16	0	0	Estimate	
PayHours	float	8	53	0	Estimate	
PeriodQuantityOptionID	int	4	10	0	Estimate	
PeriodQuantityText	nvarchar	-1	0	0	Estimate	
ProductivityFactor	float	8	53	0	Estimate	
Quantity	float	8	53	0	Estimate	
QuantityLessWaste	float	8	53	0	Estimate	
EstimateQuantityRollUpUID	uniqueidentifier	16	0	0	Estimate	
EstimateResourceAssemblyUID	uniqueidentifier	16	0	0	Estimate	
ResourceType	nvarchar	100	0	0	Estimate	
ResourceTypeUID	int	4	10	0	Estimate	
EstimateResourceUID	uniqueidentifier	16	0	0	Estimate	
RowNumber	int	4	10	0	Estimate	
SavedQuantityRatio	float	8	53	0	Estimate	
SaveID	int	4	10	0	Estimate	

Scale1Composite	float	8	53	0	Estimate	
Scale2Composite	float	8	53	0	Estimate	
Scale3Composite	float	8	53	0	Estimate	
ShiftsPerDay	float	8	53	0	Estimate	
SubjectUtilization	float	8	53	0	Estimate	
TotalCost	float	8	53	0	Estimate	
TotalCostBilling	float	8	53	0	Estimate	
UnitCost	float	8	53	0	Estimate	
UnitCostBilling	float	8	53	0	Estimate	
EstimateUnitOfMeasureUID	uniqueidentifier	16	0	0	Estimate	
UserDefined1	nvarchar	500	0	0	Estimate	
UserDefined2	nvarchar	500	0	0	Estimate	
UserDefined3	nvarchar	500	0	0	Estimate	
UserDefined4	nvarchar	500	0	0	Estimate	
UserDefined5	nvarchar	500	0	0	Estimate	
EstimateUserTag1UID	uniqueidentifier	16	0	0	Estimate	
EstimateUserTag2UID	uniqueidentifier	16	0	0	Estimate	
EstimateUserTag3UID	uniqueidentifier	16	0	0	Estimate	
WastePercent	float	8	53	0	Estimate	
WorkHours	float	8	53	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	
EstimateCostItemId	BIGINT	NULL	NULL	NULL	Estimate	

Field Descriptions

Name	Description	Example
EstimateResourceEmploymentId	Unique identifier assigned to each record in the table	1
EstimateResourceEmploymentUF	System generated field, for internal use only	N/A
EstimateResourceEmploymentUID	Unique identifier for a Resource Employment record. Not visible in the interface.	347C2FB2-F82A-4AB6-B54C-53F3C4C59025
EstimateAccountCodeUID	Identifier of the Resource Employments *Account Code* assignment from the Accounts table. Found on the Employment Setup data block of the Cost Item Record.	C74956D9-3ED9-4CC9-9801-47EFCB760F24
ActualPayHours	Value of the Resource Employments *Pay Hours* field for duration based Resource Employments. Used in combination with Pay Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the Total number of Hours Paid, which when multiplied by the Resource Employments Unit Cost, determines a Resource Employments Total Cost. Found in the Pay Hours column of the Resource Employment record	288
ActualWorkHours	Value of the Resource Employments *Work Hours* field for duration based Resource Employments. Used in combination with Work Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the Total number of Hours worked, which determines a Cost Items duration. Found in the Work Hours column of the Resource Employment record	288
AddOnQuantity	Value indicating the total add on quantity of the corresponding resource utilization defined by a Resource Utilization Add-On Dependent Cost Item.	1
AlternateUnitOfMeasureUID	Identifier of the Resource Employments Base Unit of Measure entry in the UnitsOfMeasure table. Each Unit of Measure is related to the systems base Unit of Measure in order to convert between quantities having the same measurement type (Length, Area, Volume, etc.). For a Resources selected Unit of Measure, the Alternate Unit of Measure is its corresponding Base Unit of Measure. This value is not visible in the application.	312AC3B7-373B-4369-B56C-AFC6D412BDAE
CostCurveUID	Identifier of the Resource Employment records *Cost Curve* from the CostCurves table. Found on the Resource	EE8CE70D-9117-4AAA-BAEF-D5E6FA75B572

	Employment record and the Employment Setup data block of the Cost Item record.	
CostDriverUID	Identifier of the Resource Employment records *Cost Driver* from the CostDrivers table. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	4A71204F-DA06-4E1A-86F5-FA2518E69316
CostItemAssemblyEmploymentUID	Identifier of the Resource Employment records *Cost Item Assembly Resource Employment* from the ResourceEmployments table. Not visible in the interface.	8EDBBE70-085D-4356-A767-553DE7619ABA
CostItemAssemblySourceEmploymentUID	Identifier of the Resource Employment records *Cost Item Assembly Employment* from the CostItemAssemblyEmployments table. Not visible in the interface.	6932A526-1815-4CAB-B018-CD414E13F97F
EstimateCostItemUID	Identifier of the Cost Item from the CostItems table to which this Resource Employment belongs to. Not visible in the interface.	5BB93D4D-4233-4D3E-A608-B2934B4AF0D2
EstimateCurrencyUID	Identifier of the Resource Employment records assigned *Currency* value from the Currencies table. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	58687BB8-8107-4B88-AE04-F236C3050E58
DaysPerWeek	Resource Employment records *Days per Week* field value. This value corresponds to the employments Cost Item Default Shift Arrangement value and is not directly visible on the Resource Employment record but is necessary to calculate the composite unit cost and wage shift arrangements.	5
Description	Resource Employment records *Description*. Found on the Employment Setup data block of the Cost Item record. This can be different from the Resource Rate record Description without triggering a delta on the Resource Employment record	Operator Class 1
DistributionSourceEmploymentUID	Identifier of the Resource Employment records *Cost Item Allocation Source Resource Employment* from the ResourceEmployments table. Not visible in the interface.	38400397-1D7B-48AA-817B-CEE965E97374
EmploymentType	Value indicating the type of Resource Employment. '0' indicates a Resource Employment based on a Resource Assembly while '1' indicates a Resource Employment based on a Resource Rate record. '2' and '3' indicates a Resource Employment based on the Jobs Equipment Maintenance Assembly as defined in the Equipment Maintenance tab of Job Properties. These employments	0 – Resource Assembly 1 – Resource Rate 2 – Equipment Maintenance Assembly 3 – Equipment Maintenance Assembly Labor Resources

	are hidden Resource Employments in the application but their values contribute to the jobs total estimated cost.	
IsDelta	Indicates if the Resource Employment is "Delta" or is different from the Resource Rate record. A "Delta" Resource Employment is identified with the Delta icon appearing in the record selector of the Resource Employment. Hovering over the Delta icon will display a tooltip indicating the specific field(s) that trigger the Delta state. Additionally those field(s) triggering the Delta will appear in the systems *Attention* color on the Cost Item Record. The value of this field will be true (1) when the Resource Employment is "Delta".	1 – True 0 – False
LastChanged	Date and time the Resource Employment record was last updated. Found on the Employment Setup data block of the Cost Item record.	2016-11-02 18:19:52.713
LastChangedBy	Windows user account of the user who last updated the Resource Employment Record. Found on the Employment Setup data block of the Cost Item record.	wmfarr
MaintenanceLaborTotalCost	Value of the Resource Employments *Maintenance Total Cost* field for equipment Resource Employments having Maintenance Labor automatically calculated from an Equipment Maintenance Assembly. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	575
MaintenanceLaborUnitCost	Value of the Resource Employments *Maintenance Unit Cost* field for equipment Resource Employments having Maintenance Labor automatically calculated from an Equipment Maintenance Assembly. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	2.3
OwnerEmploymentUID	For a hidden Maintenance Assembly employment, identifies the Resource Employment triggering the Maintenance Assembly employment. Not visible in the application.	D09A9DD6-CFE2-4A24-8572-64E04D4C6E57
ParentUID	For a hidden Maintenance Assembly labor resource employments, identifies the hidden Maintenance Assembly employment. Not visible in the application.	A704243A-E453-499B-825A-ADCD17325C4E
PayHours	Value of the Resource Employments *Pay Hours Rules* field for duration based Resource Employments. Used in	8

	combination with Work Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the number of Hours Paid driving a Resource Employments Total Cost. Must be a value. Found in the Pay Rules section on the Employment Setup data block of the Cost Item record.	
PeriodQuantityOptionID	For Resource Employments whose Cost Driver is Scheduled Periods, this value indicates the selection of the *Entry Type* field as found on the Period Resource Quantities dialog.	0 – Count 1 – Work Hours
PeriodQuantityText	For Resource Employments whose Cost Driver is Scheduled Periods, this value is a semi-colon delimited field indicating the values found in the various period value fields found on the Period Resource Quantities dialog. Additionally, the number of scheduled periods can be derived by counting the number of delimited values in this field.	2;2;2;2;2
ProductivityFactor	Value of the Resource Employments *Productivity Factor* field and used to modify the total work hours of a duration based resource employment. Must be a value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	1.2
Quantity	Value of the Resource Employments *Quantity* field after applying the waste percentage. Since quantities are stored in their base values, divide this value by the items corresponding Unit of Measure Factor to obtain the applications display value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	105
QuantityLessWaste	Value of the Resource Employments *Quantity (Less Waste)* field for non-duration based Resource Employment before applying any waste percentage. For duration based Resource Employments, this value is hidden in the application. Since quantities are stored in their base values, divide this value by the items corresponding Unit of Measure Factor to obtain the applications display value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	100

EstimateQuantityRollUpUID	Identifier of the Resource Employment records assigned *Quantity Roll-Up* Code value from the QuantityRollUps table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	510EADB5-E6B9-419A-A04C-5C4C9D28335E
EstimateResourceAssemblyUID	Identifier of the Resource Assembly record from the ResourceAssemblies table used to identify the Resource Assembly Code this Resource Employment is based on. This value is Null for Resource Employments based on Resource Rate records. Not visible in the interface.	402ACFA8-F81E-4D39-ADF5-047F2D4FC0BD
ResourceType	Description of the type of resource this resource employment is based on	Equipment
ResourceTypeUID	Identifier of the Resource Employments *Resource Type* assignment from the ResourceTypes table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Construction Equipment Rate
EstimateResourceUID	Identifier of the Resource Rate record from the Resources table used to identify the Resource Code and other attributes which this Resource Employment is based on. This value is Null for Ad-hoc resources and Resource Assemblies. Not visible in the interface.	AF3B643B-D1B7-49B8-B614-BC2EA62249B2
RowNumber	Row number of the Resource Employment relative to all the Resource Employment records belonging to the same Cost Item. Value must be numeric and is commonly used to control the sort order of the resource employment records in the application.	1
SavedQuantityRatio	For a Resource Employment record based on a *Cost Item Allocation Source Resource Employment*, this value is the ratio of the Resource Employment records Quantity relative to its parent Cost Items Forecast (T/O) Quantity. Not visible in the interface.	4
SaveID	Field for internal use only	230
Scale1Composite	Resource Employment records *Scale 1* field value. This is the percent of the Scale 1 Unit Cost contributing to the employments composite unit cost. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	80
Scale2Composite	Resource Employment records *Scale 2* field value. This is the percent of the Scale 2 Unit Cost contributing to the	20

	employments composite unit cost. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	
Scale3Composite	Resource Employment records *Scale 3* field value. This is the percent of the Scale 3 Unit Cost contributing to the employments composite unit cost. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	0
ShiftsPerDay	Resource Employment records *Shifts per Day* field value. This value corresponds to the employments Cost Item Default Shift Arrangement value and is not directly visible on the Resource Employment record but is necessary to calculate the composite unit cost and wage shift arrangements.	1
SubjectUtilization	Value indicating the total Subject Utilization Quantity of the corresponding resource utilization defined by a Resource Utilization Add-On Dependent Cost Item.	1
TotalCost	Resource Employment records *Total Cost* field value. This value is the employments Quantity multiplied by its Unit Cost. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	2885.40
TotalCostBilling	Resource Employment records *Total Billing Amount* field value. This value is the employments Quantity multiplied by its Billing Unit Rate. Found on the Resource Employment record of the Cost Item record.	3606.75
UnitCost	Resource Employment records composite *Unit Cost* field value. This value incorporates the employments specific Shift/Wage arrangements. Since quantities are stored in their base values, multiply the Unit Cost by the items corresponding Unit of Measure Factor to obtain the applications display value. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	27.48
UnitCostBilling	Resource Employment records composite *Billing Unit Rate* field value. This value incorporates the employments specific Shift/Wage arrangements. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	34.35

EstimateUnitOfMeasureUID	Identifier of the Resource Employments *Unit of Measure* entry in the UnitsOfMeasure table. Found in the Resource Employment record as a read only value and must be equal to the corresponding Resource Rate records Unit of Measure. For Ad-hoc resource employments, this value is editable.	312AC3B7-373B-4369-B56C-AFC6D412BDAE
UserDefined1	Resource Employment records *Custom 1* field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined2	Resource Employment records *Custom 2* field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined3	Resource Employment records *Custom 3* field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined4	Resource Employment records *Custom 4* field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined5	Resource Employment records *Custom 5* field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
EstimateUserTag1UID	Identifier of the *Tag 1* field entry in the UserTags table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	F675338E-4F35-45BD-B3D9-0793ED9C2645
EstimateUserTag2UID	Identifier of the *Tag 2* field entry in the UserTags table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	F675338E-4F35-45BD-B3D9-0793ED9C2645
EstimateUserTag3UID	Identifier of the *Tag 3* field entry in the UserTags table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	F675338E-4F35-45BD-B3D9-0793ED9C2645
WastePercent	Value of the Resource Employments *Waste % Add-on* field for non-duration based Resource Employment. Used to modify the Quantity value by applying a factor equal to 1 + WastePercent. For duration based Resource Employments, this value is hidden in the application and set to 0. Must be a value. Found on the	5

	Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	
WorkHours	Value of the Resource Employments *Work Hours Rules* field for duration based Resource Employments. Used in combination with Pay Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the number of Hours Worked driving a Cost Items duration. Must be a value. Found in the Pay Rules section on the Employment Setup data block of the Cost Item record.	8
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	663
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 17:47:05.4923658 +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
EstimateCostItemId	Unique identifier for a Cost Item	6574

Sample


```
{"EstimateResourceEmploymentId":5666,"EstimateResourceEmploymentUF":"4d1505d2-fce5-
083c-3e65-88bcce227874","EstimateResourceEmploymentUID":"0006305c-92d1-48f0-8bd6-
90897eba1289","EstimateAccountCodeUID":"1848cc1d-998c-4c61-8868-
87bc43c23d09","ActualPayHours":9.07563025210084,"ActualWorkHours":9.07563025210084,
"AddOnQuantity":0.0,"AlternateUnitOfMeasureUID":"0c2b7f19-1dee-4f53-95ce-
1c67b1bd9aa8","CostCurveUID":"a74b8943-b1be-4504-a178-
9131aaf3ba21","CostDriverUID":"054b3b4f-df96-47f5-aa71-
feb1329f7f11","CostItemAssemblyEmploymentUID":null,"CostItemAssemblySourceEmploymen
tUID":null,"EstimateCostItemUID":"daa86c93-904b-4cde-a023-
9a1e02f6cb6e","EstimateCurrencyUID":"58687bb8-8107-4b88-ae04-
f236c3050e58","DaysPerWeek":5.0,"Description":"Mechanic","DistributionSourceEmploym
entUID":null,"EmploymentType":3,"IsDelta":false,"LastChanged":"2021-03-
23T04:24:49.53Z","LastChangedBy":"Marlow
quast","MaintenanceLaborTotalCost":0.0,"MaintenanceLaborUnitCost":0.0,"OwnerEmploym
entUID":null,"ParentUID":"15323c9f-0cd7-4ebd-8980-
```

35791816c7a7","PayHours":8.0,"PeriodQuantityOptionID":0,"PeriodQuantityText":null,"ProductivityFactor":1.0,"Quantity":1.0,"QuantityLessWaste":1.0,"EstimateQuantityRollUpUID":null,"EstimateResourceAssemblyUID":"402acfa8-f81e-4d39-adf5-047f2d4fc0bd","ResourceType":"Labor Rate","ResourceTypeUID":1,"EstimateResourceUID":"d0873dbb-3866-4cbf-9f5f-442c6ea74a6a","RowNumber":1,"SavedQuantityRatio":0.0,"SaveID":378,"Scale1Composite":100.0,"Scale2Composite":0.0,"Scale3Composite":0.0,"ShiftsPerDay":1.0,"SubjectUtilization":0.0,"TotalCost":208.73949579831933,"TotalCostBilling":292.23529225137054,"UnitCost":23.0,"UnitCostBilling":32.199999794363976,"EstimateUnitOfMeasureUID":"0c2b7f19-1dee-4f53-95ce-1c67b1bd9aa8","UserDefined1":null,"UserDefined2":null,"UserDefined3":null,"UserDefined4":null,"UserDefined5":null,"EstimateUserTag1UID":"f675338e-4f35-45bd-b3d9-0793ed9c2645","EstimateUserTag2UID":"57935d90-d5d0-4b66-ab01-3242ee080a53","EstimateUserTag3UID":null,"WastePercent":0.0,"WorkHours":8.0,"BidMasterJobUID":"4d13358e-6e34-40cc-b5b3-1835b0986afd","LastUpdateID":9,"IsActive":true,"CreatedById":1,"CreatedDate":"2022-02-21T17:47:24.876782Z","ModifiedById":1,"ModifiedDate":"2022-02-21T17:47:24.876782Z"}

Data Validation

Resource Employments can be found in various locations in the Estimate application.

Figure 1: Detail records expanded under a Cost Item in the CBS Register

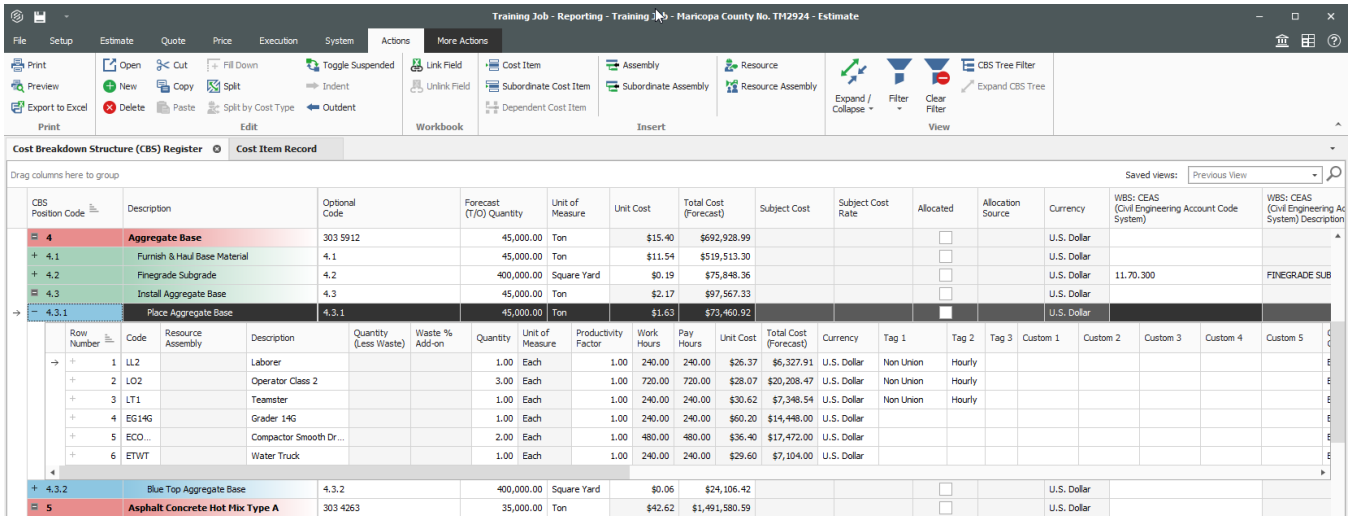


Figure 2: Detail tab and Employment Setup data block of the Cost Item Record

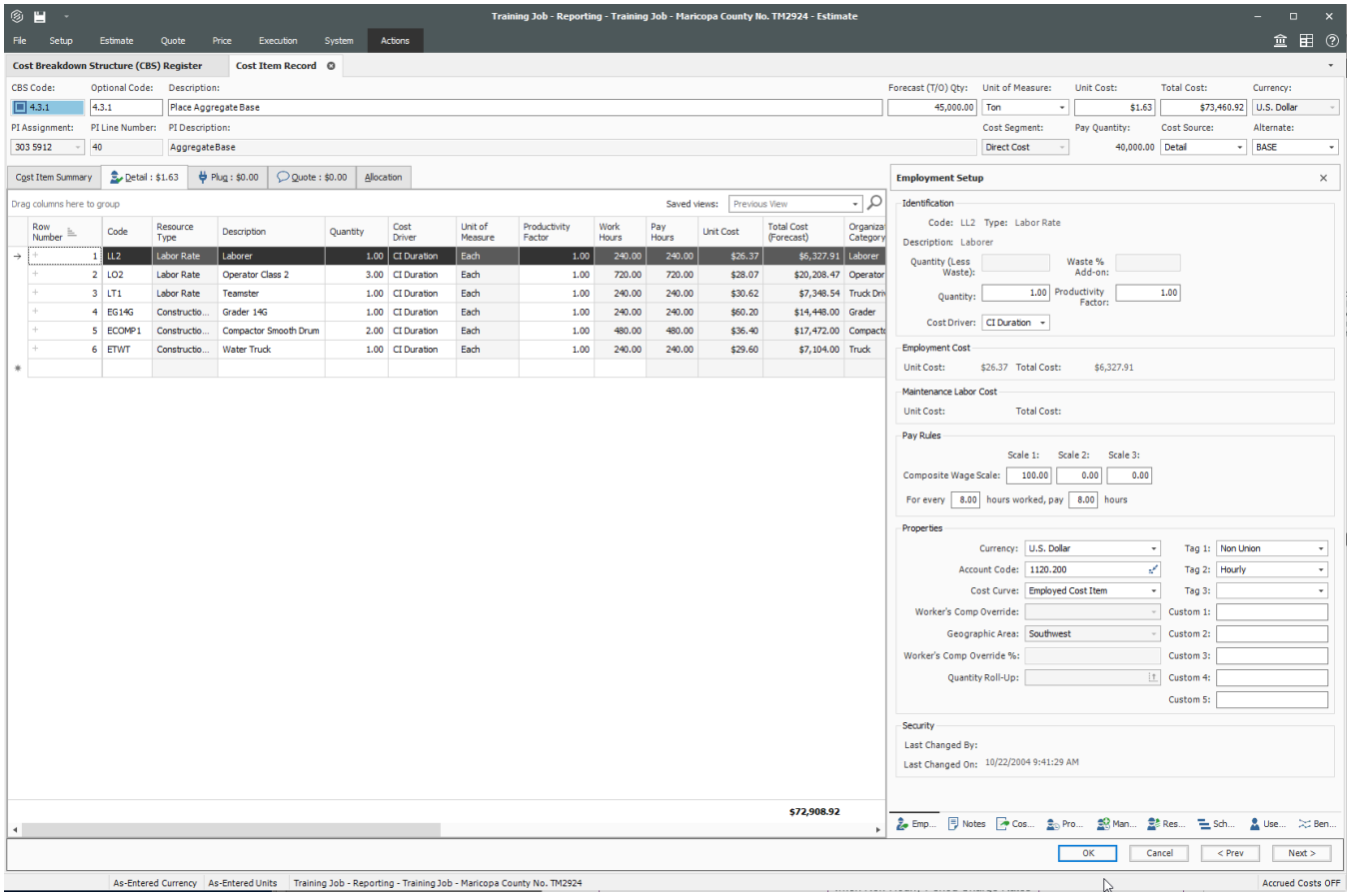
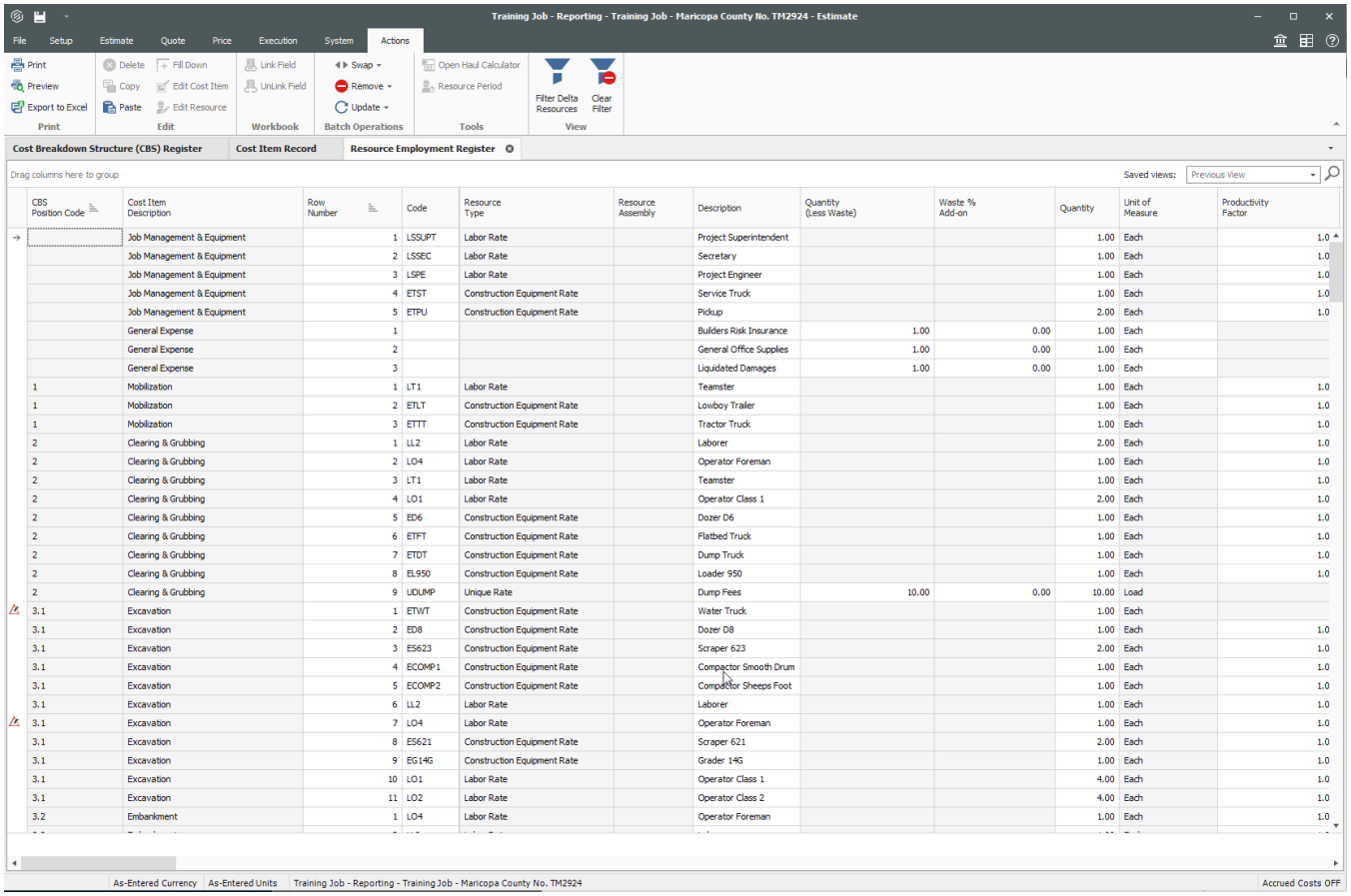


Figure 3: Resource Employment Register


Training Job - Reporting - Training Job - Maricopa County No. TM2924 - Estimate
File
Setup
Estimate
Quote
Price
Execution
System
Actions
Print
Preview
Export to Excel
Print
Delete
Copy
Paste
Fill Down
Edit Cost Item
Edit Resource
Edit
Link Field
UnLink Field
Workbook
Swap
Remove
Update
Batch Operations
Open Haul Calculator
Resource Period
Tools
Filter Delta Resources
Clear Filter
View
Cost Breakdown Structure (CBS) Register
Cost Item Record
Resource Employment Register
Drag columns here to group
Saved views:
Previous View
CBS Position Code
Cost Item Description
Row Number
Code
Resource Type
Resource Assembly
Description
Quantity (Less Waste)
Waste % Add-on
Quantity
Unit of Measure
Productivity Factor
Job Management & Equipment 1 LSSUPT Labor Rate Project Superintendent 1.00 Each 1.0
Job Management & Equipment 2 LSSEC Labor Rate Secretary 1.00 Each 1.0
Job Management & Equipment 3 LSPE Labor Rate Project Engineer 1.00 Each 1.0
Job Management & Equipment 4 ETST Construction Equipment Rate Service Truck 1.00 Each 1.0
Job Management & Equipment 5 ETPU Construction Equipment Rate Pickup 2.00 Each 1.0
General Expense 1 Builders Risk Insurance 1.00 0.00 1.00 Each
General Expense 2 General Office Supplies 1.00 0.00 1.00 Each
General Expense 3 Liquidated Damages 1.00 0.00 1.00 Each
1 Mobilization 1 LT1 Labor Rate Teamster 1.00 Each 1.0
1 Mobilization 2 ETLT Construction Equipment Rate Lowboy Trailer 1.00 Each 1.0
1 Mobilization 3 ETTT Construction Equipment Rate Tractor Truck 1.00 Each 1.0
2 Clearing & Grubbing 1 LL2 Labor Rate Laborer 2.00 Each 1.0
2 Clearing & Grubbing 2 LO4 Labor Rate Operator Foreman 1.00 Each 1.0
2 Clearing & Grubbing 3 LT1 Labor Rate Teamster 1.00 Each 1.0
2 Clearing & Grubbing 4 LO1 Labor Rate Operator Class 1 2.00 Each 1.0
2 Clearing & Grubbing 5 ED6 Construction Equipment Rate Dozer D6 1.00 Each 1.0
2 Clearing & Grubbing 6 ETFT Construction Equipment Rate Flatbed Truck 1.00 Each 1.0
2 Clearing & Grubbing 7 ETDT Construction Equipment Rate Dump Truck 1.00 Each 1.0
2 Clearing & Grubbing 8 EL950 Construction Equipment Rate Loader 950 1.00 Each 1.0
2 Clearing & Grubbing 9 UDUMP Unique Rate Dump Fees 10.00 0.00 10.00 Load
3.1 Excavation 1 ETWT Construction Equipment Rate Water Truck 1.00 Each
3.1 Excavation 2 ED8 Construction Equipment Rate Dozer D8 1.00 Each 1.0
3.1 Excavation 3 ES623 Construction Equipment Rate Scraper 623 2.00 Each 1.0
3.1 Excavation 4 ECOMP1 Construction Equipment Rate Compactor Smooth Drum 1.00 Each 1.0
3.1 Excavation 5 ECOMP2 Construction Equipment Rate Compactor Sheeps Foot 1.00 Each 1.0
3.1 Excavation 6 LL2 Labor Rate Laborer 1.00 Each 1.0
3.1 Excavation 7 LO4 Labor Rate Operator Foreman 1.00 Each 1.0
3.1 Excavation 8 ES621 Construction Equipment Rate Scraper 621 2.00 Each 1.0
3.1 Excavation 9 EG14G Construction Equipment Rate Grader 14G 1.00 Each 1.0
3.1 Excavation 10 LO1 Labor Rate Operator Class 1 4.00 Each 1.0
3.1 Excavation 11 LO2 Labor Rate Operator Class 2 4.00 Each 1.0
3.2 Embankment 1 LO4 Labor Rate Operator Foreman 1.00 Each 1.0
As-Entered Currency
As-Entered Units
Training Job - Reporting - Training Job - Maricopa County No. TM2924
Accrued Costs OFF

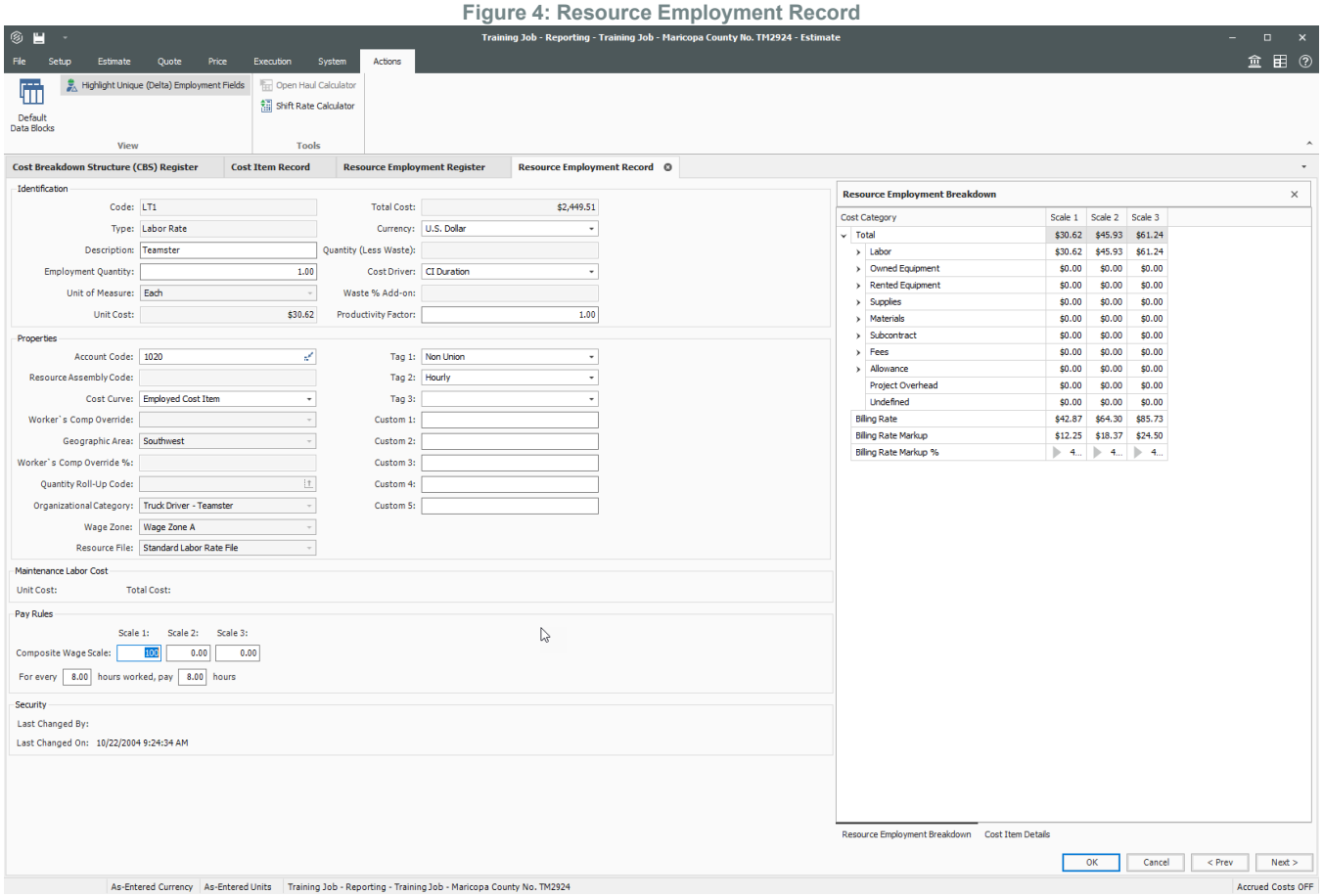



Figure 4: Resource Employment Record