Explore API Documentation

SelfService_Estimate_EmploymentCosts

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	20-Mar-2023	Initial draft	Aaron Cohen
2.0	1-May-2023	Added Replicate view and made formatting changes	Natalie Takacs
3.0	10-Dec-2025	Updated refresh data	Litzy Mora

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Overview

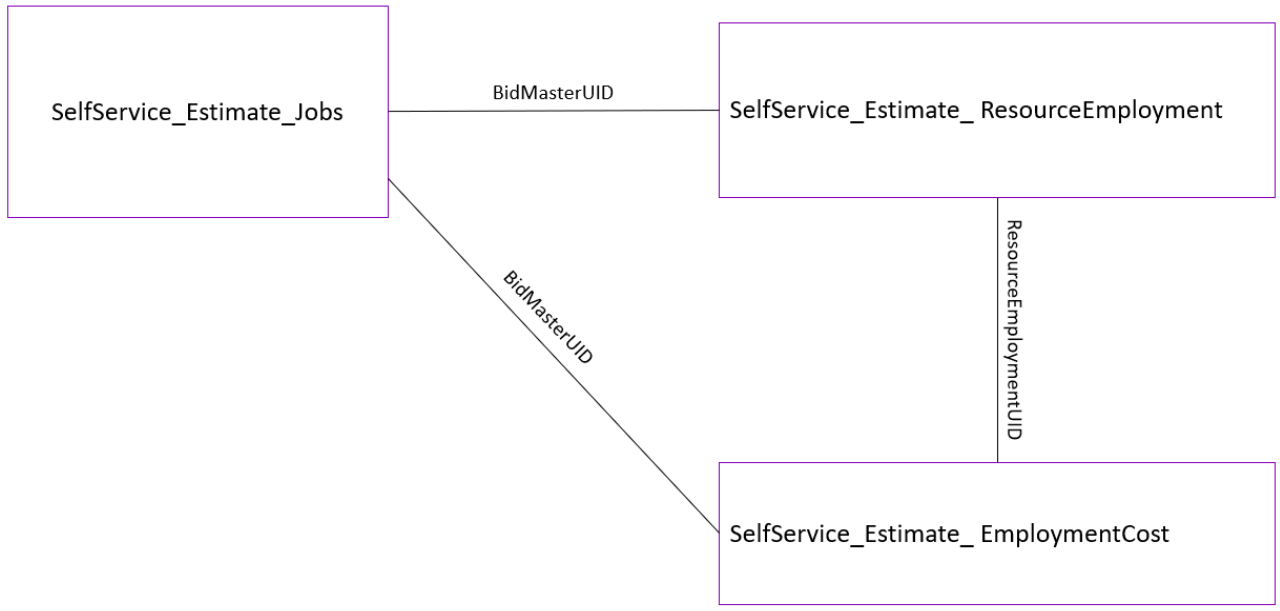
The ***SelfService_Estimate_EmploymentCosts*** API provides Unit Costs by Cost category for customized resource employments and all ad-hoc resource employment.

Note this table does not include Resource Employments Costs for employments that have not had their costs customized on the employment. To obtain the Resource Employment Costs by Cost Category for resource employments that have not been customized, use the Employments Resource Code and obtain the Costs per Category from the ResourceCosts table.

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality[1]	Comment
EmploymentCost (EC)	Jobs (J)	EC.BidMasterUID = J.BidMasterUID	M:1	
EmploymentCost (EC)	ResourceEmployment (RE)	EC.ResourceEmploymentUID = RE.UID	1:1	

SelfService_Estimate_EmploymentCost



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

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

		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_EmploymentCosts
Replicate view name		[SelfService].[vwEstimateEmploymentCost]
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**	23.2
	Ending Version	NA

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	Char Max Length	Numeric Precision	Date Precision	Product	PK
EstimateEmploymentCostId	bigint		19		Estimate	
EstimateEmploymentCostUF	uniqueidentifier				Estimate	
EstimateEmploymentCostUID	uniqueidentifier				Estimate	
_UnitCost@0	float		53		Estimate	
_UnitCost@1	float		53		Estimate	
_UnitCost@2	float		53		Estimate	
_UnitCost@3	float		53		Estimate	
_UnitCost@4	float		53		Estimate	
_UnitCost@5	float		53		Estimate	
_UnitCost@6	float		53		Estimate	
_UnitCost@7	float		53		Estimate	
_UnitCost@8	float		53		Estimate	
_UnitCost@9	float		53		Estimate	
_UnitCost@10	float		53		Estimate	
_UnitCost@11	float		53		Estimate	
_UnitCost@12	float		53		Estimate	
_UnitCost@13	float		53		Estimate	
_UnitCost@14	float		53		Estimate	
_UnitCost@15	float		53		Estimate	
_UnitCost@16	float		53		Estimate	
_UnitCost@17	float		53		Estimate	
_UnitCost@18	float		53		Estimate	
_UnitCost@19	float		53		Estimate	
_UnitCost@20	float		53		Estimate	
_UnitCost@21	float		53		Estimate	

_UnitCost@22	float		53		Estimate	
_UnitCost@23	float		53		Estimate	
_UnitCost@24	float		53		Estimate	
_UnitCost@25	float		53		Estimate	
_UnitCost@26	float		53		Estimate	
_UnitCost@27	float		53		Estimate	
_UnitCost@28	float		53		Estimate	
_UnitCost@29	float		53		Estimate	
_UnitCost@30	float		53		Estimate	
_UnitCost@31	float		53		Estimate	
_UnitCost@32	float		53		Estimate	
_UnitCost@33	float		53		Estimate	
_UnitCost@34	float		53		Estimate	
_UnitCost@35	float		53		Estimate	
_UnitCost@36	float		53		Estimate	
_UnitCost@37	float		53		Estimate	
_UnitCost@38	float		53		Estimate	
_UnitCost@39	float		53		Estimate	
_UnitCost@40	float		53		Estimate	
_UnitCost@41	float		53		Estimate	
_UnitCost@42	float		53		Estimate	
_UnitCost@43	float		53		Estimate	
_UnitCost@44	float		53		Estimate	
_UnitCost@45	float		53		Estimate	
_UnitCost@46	float		53		Estimate	
_UnitCost@47	float		53		Estimate	
_UnitCost@48	float		53		Estimate	
_UnitCost@49	float		53		Estimate	
_UnitCost@50	float		53		Estimate	
_UnitCost@51	float		53		Estimate	
_UnitCost@52	float		53		Estimate	
_UnitCost@53	float		53		Estimate	
_UnitCost@54	float		53		Estimate	
_UnitCost@55	float		53		Estimate	
_UnitCost@56	float		53		Estimate	
_UnitCost@57	float		53		Estimate	
_UnitCost@58	float		53		Estimate	
_UnitCost@59	float		53		Estimate	
_UnitCost@60	float		53		Estimate	
_UnitCost@61	float		53		Estimate	
_UnitCost@62	float		53		Estimate	
_UnitCost@63	float		53		Estimate	
_UnitCost@64	float		53		Estimate	

_UnitCost@65	float		53		Estimate	
_UnitCost@66	float		53		Estimate	
_UnitCost@67	float		53		Estimate	
_UnitCost@68	float		53		Estimate	
_UnitCost@69	float		53		Estimate	
_UnitCost@70	float		53		Estimate	
_UnitCost@71	float		53		Estimate	
_UnitCost@72	float		53		Estimate	
_UnitCost@73	float		53		Estimate	
_UnitCost@74	float		53		Estimate	
_UnitCost@75	float		53		Estimate	
_UnitCost@76	float		53		Estimate	
_UnitCost@77	float		53		Estimate	
_UnitCost@78	float		53		Estimate	
_UnitCost@79	float		53		Estimate	
_UnitCost@80	float		53		Estimate	
_UnitCost@81	float		53		Estimate	
_UnitCost@82	float		53		Estimate	
_UnitCost@83	float		53		Estimate	
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_UnitCost@85	float		53		Estimate	
_UnitCost@86	float		53		Estimate	
_UnitCost@87	float		53		Estimate	
_UnitCost@88	float		53		Estimate	
_UnitCost@89	float		53		Estimate	
_UnitCost@90	float		53		Estimate	
_UnitCost@91	float		53		Estimate	
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_UnitCost@93	float		53		Estimate	
_UnitCost@94	float		53		Estimate	
_UnitCost@95	float		53		Estimate	
_UnitCost@96	float		53		Estimate	
_UnitCost@97	float		53		Estimate	
_UnitCost@98	float		53		Estimate	
_UnitCost@99	float		53		Estimate	
_UnitCost@100	float		53		Estimate	
_UnitCost@101	float		53		Estimate	
_UnitCost@102	float		53		Estimate	
BillingInfoDriver	int		10		Estimate	
BillingRate	float		53		Estimate	
BillingRateMarkup	float		53		Estimate	
BillingRateMarkupPercent	float		53		Estimate	
EstimateResourceEmploymentUID	uniqueidentifier				Estimate	
SaveID	int		10		Estimate	

Scale	int		10		Estimate	
BidMasterJobUID	uniqueidentifier				Estimate	
LastUpdateID	int		10		Estimate	
IsActive	bit				Estimate	
CreatedById	bigint		19		Estimate	
CreatedDate	datetimeoffset			7	Estimate	
ModifiedById	bigint		19		Estimate	
ModifiedDate	datetimeoffset			7	Estimate	

Field Descriptions

Name	Description	Example
EstimateEmploymentCostId	Unique identifier assigned to each record in the table	1952406
EstimateEmploymentCostUF	System generated field, for internal use only	0ca2c765-3a9e-0ad9-373b-56bc5d0e3298
EstimateEmploymentCostUID	Unique identifier for the Employment Cost details for the associated Resource Employment. Not visible in the Interface	ee862660-4e23-4811-bd48-502165a05d9e
_UnitCost@0	Total	40.62
_UnitCost@1	Labor	40.62
_UnitCost@2	Gross Wages	23.40
_UnitCost@3	Labor Burden	17.22
_UnitCost@4	Labor Fringes	2.10
_UnitCost@5	Travel	0.0
_UnitCost@6	Premium	0.0
_UnitCost@7	Holiday	0.23
_UnitCost@8	Savings	0.0
_UnitCost@9	Pension	0.70
_UnitCost@10	Vacation	0.47
_UnitCost@11	Subsistence	0.0
_UnitCost@12	Health & Welfare	0.70
_UnitCost@13	Apprenticeship	0.0
_UnitCost@14	Undefined Fringe 1	0.0
_UnitCost@15	Undefined Fringe 2	0.0
_UnitCost@16	Undefined Labor Fringes	0.0
_UnitCost@17	Labor Insurance	2.11
_UnitCost@18	Bodily Injury & Property Damage	0.94
_UnitCost@19	Workers Compensation	1.17
_UnitCost@20	Undefined Insurance 1	0.0

_UnitCost@21	Undefined Insurance 2	0.0
_UnitCost@22	Undefined Labor Insurance	0.0
_UnitCost@23	Labor Taxes	3.01
_UnitCost@24	FICA	1.84
_UnitCost@25	FUTA	0.47
_UnitCost@26	SUTA	0.70
_UnitCost@27	Undefined Tax 1	0.0
_UnitCost@28	Undefined Labor Taxes	0.0
_UnitCost@29	Undefined Labor Burden	10.0
_UnitCost@30	Undefined Labor	0.0
_UnitCost@31	Owned Equipment	0.0
_UnitCost@32	OE Ownership	0.0
_UnitCost@33	OE Depreciation	0.0
_UnitCost@34	OE Overhead	0.0
_UnitCost@35	OE Cost of Facilities Capital (Cfc)	0.0
_UnitCost@36	OE Insurance	0.0
_UnitCost@37	OE License	0.0
_UnitCost@38	OE Taxes	0.0
_UnitCost@39	OE Overhaul Parts	0.0
_UnitCost@40	OE Overhaul Labor	0.0
_UnitCost@41	OE Undefined Ownership 1	0.0
_UnitCost@42	Undefined OE Ownership	0.0
_UnitCost@43	OE Operation	0.0
_UnitCost@44	OE Repair Parts	0.0
_UnitCost@45	OE Repair Labor	0.0
_UnitCost@46	OE Fuel	0.0
_UnitCost@47	OE Lube	0.0
_UnitCost@48	OE Tires & Tracks	0.0
_UnitCost@49	OE Ground Engaging Components	0.0
_UnitCost@50	OE Undefined Operation 1	0.0
_UnitCost@51	Undefined OE Operation	0.0
_UnitCost@52	Undefined Owned Equipment	0.0
_UnitCost@53	Rented Equipment	0.0
_UnitCost@54	RE Rental	0.0
_UnitCost@55	RE Rent Expense	0.0
_UnitCost@56	RE Overhead	0.0
_UnitCost@57	RE Finance Expense	0.0
_UnitCost@58	RE Insurance	0.0
_UnitCost@59	RE License	0.0
_UnitCost@60	RE Rental Taxes	0.0
_UnitCost@61	RE Overhaul Parts	0.0
_UnitCost@62	RE Overhaul Labor	0.0

_UnitCost@63	RE Undefined Rent 1	0.0
_UnitCost@64	Undefined RE Rental	0.0
_UnitCost@65	RE Operation	0.0
_UnitCost@66	RE Repair Parts	0.0
_UnitCost@67	RE Repair Labor	0.0
_UnitCost@68	RE Fuel	0.0
_UnitCost@69	RE Lube	0.0
_UnitCost@70	RE Tires & Tracks	0.0
_UnitCost@71	RE Ground Engaging Components	0.0
_UnitCost@72	RE Undefined Operation 1	0.0
_UnitCost@73	Undefined RE Operation	0.0
_UnitCost@74	Undefined Rented Equipment	0.0
_UnitCost@75	Supplies	0.0
_UnitCost@76	Undefined Supplies	0.0
_UnitCost@77	Materials	0.0
_UnitCost@78	Installed Equipment	0.0
_UnitCost@79	Installed Materials	0.0
_UnitCost@80	Construction Supplies	0.0
_UnitCost@81	Undefined Materials	0.0
_UnitCost@82	Subcontract	0.0
_UnitCost@83	Subcontract Price	0.0
_UnitCost@84	Subcontract Conditions	0.0
_UnitCost@85	Subcontract Taxes	0.0
_UnitCost@86	Subcontract Bond	0.0
_UnitCost@87	Undefined Subcontract	0.0
_UnitCost@88	Fees	0.0
_UnitCost@89	Job Bond	0.0
_UnitCost@90	Job Insurance	0.0
_UnitCost@91	Finance Expense	0.0
_UnitCost@92	Business Taxes	0.0
_UnitCost@93	Sales Taxes	0.0
_UnitCost@94	Fees Undefined 1	0.0
_UnitCost@95	Undefined Fees	0.0
_UnitCost@96	Allowance	0.0
_UnitCost@97	Risk Allowance	0.0
_UnitCost@98	Contingency Allowance	0.0
_UnitCost@99	Adjustment Allowance	0.0
_UnitCost@100	Undefined Allowance	0.0
_UnitCost@101	Custom Category 1	0.0
_UnitCost@102	Undefined	0.0
BillingInfoDriver	Indicates which of the Billing rate field is the driver for the resource employment, which is the field for which a user has	0 – No Driver 1 – Billing Rate 2 – Billing Rate Markup

	entered a value into. There is a visual indication in the Cost Category tree in the application to indicate which field is the driver.	3 – Billing Rate Markup %
BillingRate	Billing rate amount for the resource employment	56.87
BillingRateMarkup	Billing rate markup amount added to the total unit cost for the resource employment	16.25
BillingRateMarkupPercent	Billing rate markup amount percentage value representing how much markup has been added on top of the total unit cost for the resource employment	40.0
EstimateResourceEmploymentUID	Identifier of the Resource Employment from the Resource Employment record to which this Employment Cost belongs. Not visible in the interface	d28ad87c-cf27-40c2-8298-45c17d1c9a6e
SaveID	Field for internal use only	529
Scale	For Duration based Resource Employments, indicates which Scale Rate the employment is utilizing to calculate its Unit Cost. This value is 1 for non-duration based Resource Employments	1
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 application.	e224e105-74bd-42c8-8a73-069d38ae6f06
LastUpdateID	Field for internal use only	399
IsActive	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	true
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	2023-03-03T16:29:05.1840842Z
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	2023-03-03T16:29:05.1840842Z

Sample


```
{
    "EstimateEmploymentCostId": 1952406,
    "EstimateEmploymentCostUF": "0ca2c765-3a9e-0ad9-373b-56bc5d0e3298",
    "EstimateEmploymentCostUID": "ee862660-4e23-4811-bd48-502165a05d9e",
    "C_UnitCost_0": 40.618899999999996,
    "C_UnitCost_1": 40.618899999999996,
    "C_UnitCost_2": 23.4,
    "C_UnitCost_3": 17.218899999999998,
    "C_UnitCost_4": 2.106,
    "C_UnitCost_5": 0.0,
    "C_UnitCost_6": 0.0,
    "C_UnitCost_7": 0.234,
    "C_UnitCost_8": 0.0,
    "C_UnitCost_9": 0.702,
    "C_UnitCost_10": 0.468,
    "C_UnitCost_11": 0.0,
    "C_UnitCost_12": 0.702,
    "C_UnitCost_13": 0.0,
    "C_UnitCost_14": 0.0,
    "C_UnitCost_15": 0.0,
    "C_UnitCost_16": 0.0,
    "C_UnitCost_17": 2.106,
    "C_UnitCost_18": 0.936,
    "C_UnitCost_19": 1.17,
    "C_UnitCost_20": 0.0,
    "C_UnitCost_21": 0.0,
    "C_UnitCost_22": 0.0,
    "C_UnitCost_23": 3.0069,
    "C_UnitCost_24": 1.8369,
    "C_UnitCost_25": 0.468,
    "C_UnitCost_26": 0.702,
    "C_UnitCost_27": 0.0,
    "C_UnitCost_28": 0.0,
    "C_UnitCost_29": 10.0,
    "C_UnitCost_30": 0.0,
    "C_UnitCost_31": 0.0,
    "C_UnitCost_32": 0.0,
    "C_UnitCost_33": 0.0,
    "C_UnitCost_34": 0.0,
    "C_UnitCost_35": 0.0,
    "C_UnitCost_36": 0.0,
    "C_UnitCost_37": 0.0,
    "C_UnitCost_38": 0.0,
    "C_UnitCost_39": 0.0,
    "C_UnitCost_40": 0.0,
```

```
"C_UnitCost_41": 0.0,
"C_UnitCost_42": 0.0,
"C_UnitCost_43": 0.0,
"C_UnitCost_44": 0.0,
"C_UnitCost_45": 0.0,
"C_UnitCost_46": 0.0,
"C_UnitCost_47": 0.0,
"C_UnitCost_48": 0.0,
"C_UnitCost_49": 0.0,
"C_UnitCost_50": 0.0,
"C_UnitCost_51": 0.0,
"C_UnitCost_52": 0.0,
"C_UnitCost_53": 0.0,
"C_UnitCost_54": 0.0,
"C_UnitCost_55": 0.0,
"C_UnitCost_56": 0.0,
"C_UnitCost_57": 0.0,
"C_UnitCost_58": 0.0,
"C_UnitCost_59": 0.0,
"C_UnitCost_60": 0.0,
"C_UnitCost_61": 0.0,
"C_UnitCost_62": 0.0,
"C_UnitCost_63": 0.0,
"C_UnitCost_64": 0.0,
"C_UnitCost_65": 0.0,
"C_UnitCost_66": 0.0,
"C_UnitCost_67": 0.0,
"C_UnitCost_68": 0.0,
"C_UnitCost_69": 0.0,
"C_UnitCost_70": 0.0,
"C_UnitCost_71": 0.0,
"C_UnitCost_72": 0.0,
"C_UnitCost_73": 0.0,
"C_UnitCost_74": 0.0,
"C_UnitCost_75": 0.0,
"C_UnitCost_76": 0.0,
"C_UnitCost_77": 0.0,
"C_UnitCost_78": 0.0,
"C_UnitCost_79": 0.0,
"C_UnitCost_80": 0.0,
"C_UnitCost_81": 0.0,
"C_UnitCost_82": 0.0,
"C_UnitCost_83": 0.0,
"C_UnitCost_84": 0.0,
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"C_UnitCost_86": 0.0,
"C_UnitCost_87": 0.0,
"C_UnitCost_88": 0.0,
"C_UnitCost_89": 0.0,
"C_UnitCost_90": 0.0,
"C_UnitCost_91": 0.0,
```

```
    "C_UnitCost_92": 0.0,
    "C_UnitCost_93": 0.0,
    "C_UnitCost_94": 0.0,
    "C_UnitCost_95": 0.0,
    "C_UnitCost_96": 0.0,
    "C_UnitCost_97": 0.0,
    "C_UnitCost_98": 0.0,
    "C_UnitCost_99": 0.0,
    "C_UnitCost_100": 0.0,
    "C_UnitCost_101": 0.0,
    "C_UnitCost_102": 0.0,
    "BillingInfoDriver": 3,
    "BillingRate": 56.866459999999996,
    "BillingRateMarkup": 16.247560000000004,
    "BillingRateMarkupPercent": 40.0,
    "EstimateResourceEmploymentUID": "d28ad87c-cf27-40c2-8298-45c17d1c9a6e",
    "SaveID": 529,
    "Scale": 1,
    "BidMasterJobUID": "e224e105-74bd-42c8-8a73-069d38ae6f06",
    "LastUpdateID": 399,
    "IsActive": true,
    "CreatedById": 1,
    "CreatedDate": "2023-03-03T16:29:05.1840842Z",
    "ModifiedById": 1,
    "ModifiedDate": "2023-03-03T16:29:05.1840842Z"
  }
```

Data Validation

This data can be validated by navigating to a Resource Employment record and expanding the cost category tree fields in the Resource Employment Breakdown Datablock
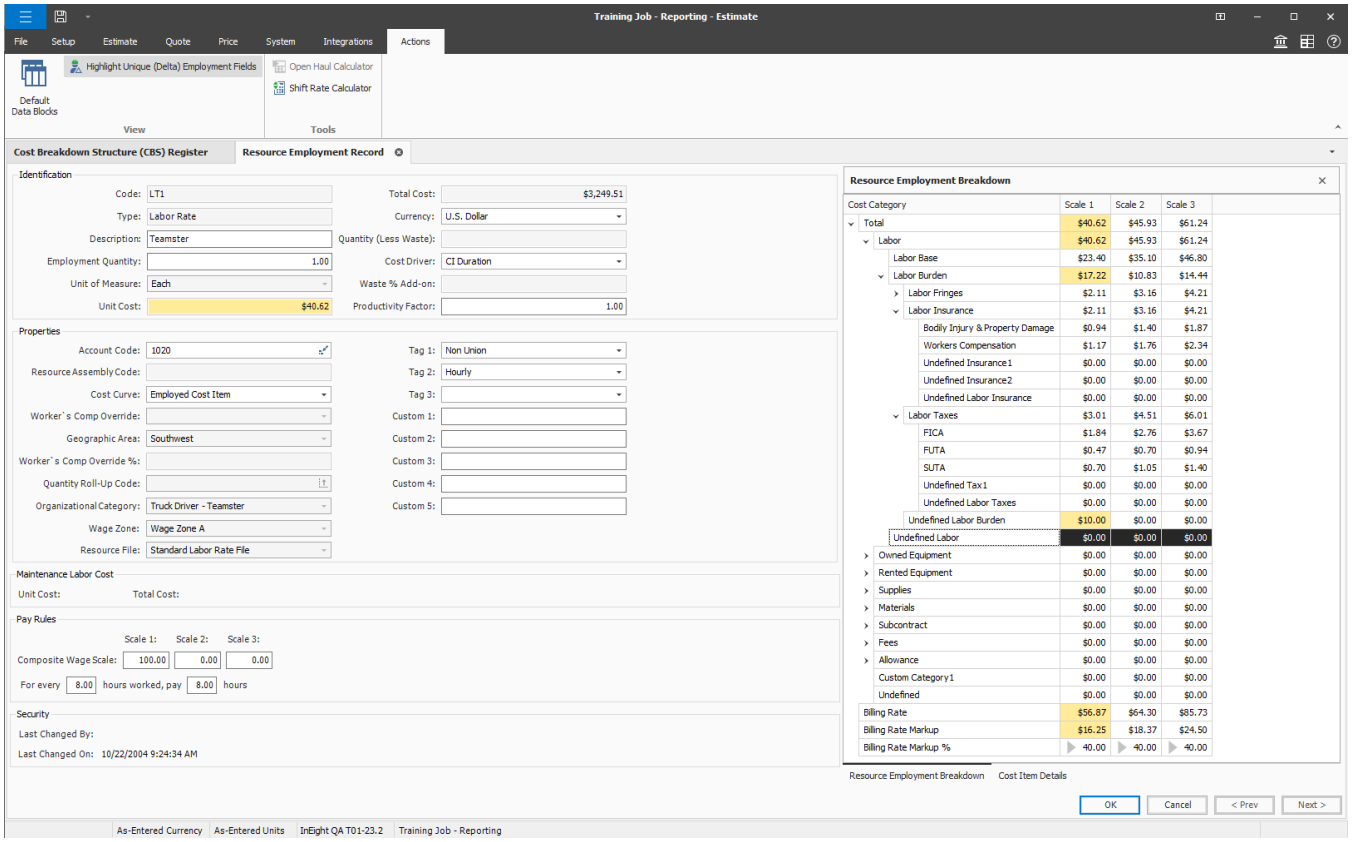
Figure 1: Resource Employment record