

State of California - Department of Transportation

CONTRACT ITEM COST DATA

ITEM CODE	ITEM DESCRIPTION	UNIT	DIST	NO. OF PROJ	QUANTITY	AVE PRICE PER UNIT	TOTAL AMOUNT
Item Code 074058				Total No. of Proj.	61	Total Amount	\$720,591.00
120090	CONSTRUCTION AREA SIGNS	LS	1	36	36.00	\$8,089.19	\$291,211.00
		LS	2	39	39.00	\$13,975.21	\$545,033.00
		LS	3	64	64.00	\$9,514.28	\$608,913.95
		LS	4	80	80.00	\$11,395.36	\$911,628.70
		LS	5	40	40.00	\$8,331.34	\$333,253.63
		LS	6	47	47.00	\$12,152.97	\$571,189.50
		LS	7	76	76.00	\$11,258.77	\$855,666.41
		LS	8	49	49.00	\$10,134.86	\$496,608.00
		LS	9	14	14.00	\$6,167.14	\$86,340.00
		LS	10	35	35.00	\$11,541.63	\$403,957.00
		LS	11	35	35.00	\$12,842.69	\$449,494.04
		LS	12	34	34.00	\$14,597.29	\$496,308.00
Unit Sub Total		LS		549	549.00	\$11,019.31	\$6,049,603.23
Item Code 120090				Total No. of Proj.	549	Total Amount	\$6,049,603.23
120100	TRAFFIC CONTROL SYSTEM	LS	1	37	37.00	\$80,678.51	\$2,985,104.85
		LS	2	39	39.00	\$128,377.54	\$5,006,724.00
		LS	3	67	67.00	\$157,658.46	\$10,563,116.78
		LS	4	79	79.00	\$67,894.62	\$5,363,674.60
		LS	5	40	40.00	\$118,102.98	\$4,724,119.00
		LS	6	46	46.00	\$97,601.65	\$4,489,675.94
		LS	7	76	76.00	\$159,226.53	\$12,101,216.00
		LS	8	51	51.00	\$89,934.45	\$4,586,657.00
		LS	9	14	14.00	\$93,729.97	\$1,312,219.55
		LS	10	35	35.00	\$105,017.11	\$3,675,598.86
		LS	11	35	35.00	\$73,840.73	\$2,584,425.59
		LS	12	34	34.00	\$67,684.00	\$2,301,256.00
Unit Sub Total		LS		553	553.00	\$107,945.37	\$59,693,788.17
Item Code 120100				Total No. of Proj.	553	Total Amount	\$59,693,788.17
120102	TRAFFIC CONTROL SURVEILLANCE	WDAY	2	1	15.00	\$1,000.00	\$15,000.00
Unit Sub Total		WDAY		1	15.00	\$1,000.00	\$15,000.00

AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo & Yuba counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer I.....	\$ 22.11	14.98
Installer II.....	\$ 18.68	14.98
Lead Installer.....	\$ 25.56	15.48
Master Installer.....	\$ 29.78	15.48
Area 2		
Installer I.....	\$ 19.46	14.98
Installer II.....	\$ 16.51	14.98
Lead Installer.....	\$ 22.43	15.48
Master Installer.....	\$ 26.06	15.48
Area 3		
Installer I.....	\$ 18.51	14.98
Installer II.....	\$ 15.74	14.98
Lead Installer.....	\$ 21.31	15.48
Master Installer.....	\$ 24.73	15.48

 * CARP0046-001 07/01/2010

El Dorado (West), Placer (West), Sacramento and Yolo Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 37.50	23.14
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 31.32	23.14
Journeyman Carpenter.....	\$ 31.17	23.14
Millwright.....	\$ 33.67	24.73

Footnote: Placer County (West) includes territory West of and including Highway 49 and El Dorado County (West) includes territory West of and including Highway 49 and territory inside the city limits of Placerville.

 * CARP0046-002 07/01/2010

Alpine, Colusa, El Dorado (East), Nevada, Placer (East), Sierra, Sutter and Yuba Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 37.50	23.14
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 30.42	23.14
Journeyman Carpenter.....	\$ 30.27	23.14
Millwright.....	\$ 32.77	24.73

Cosumnes Mine Road Bridge Maintenance Project

Cost Estimate for Public Bid Construction Contract

Cost Estimate Date: May 2013

Labor

Contractor's Bridge Supervisor (15 days x 10 hrs/day)	150	HR	\$	60.64	\$	9,096
Contractor Bridge Worker (4 x 10 days x 10 hrs/day)	400	HR	\$	54.31	\$	21,724
Sub-total Labor					\$	30,820
Labor Surcharge	11%				\$	3,390
Subtotal Labor					\$	34,210
Markup on Labor Cost	33%				\$	11,289
Total Labor					\$	45,500

Cosumnes Mine Road Bridge Maintenance Project

Cost Estimate for Public Bid Construction Contract

Estimate Date: May 2013

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
<u>Equipment</u>				
F-250 Pickup Truck (15 days x 10 hrs/day)	150	HR	\$ 10.00	\$ 1,500.00
Bridge Service Truck (10 days x 10 hrs/day)	100	HR	\$ 19.00	\$ 1,900.00
F-550 Flatbed Truck (10 days x 10 hrs/day)	100	HR	\$ 13.00	\$ 1,300.00
Skid Steer (10 days x 10 hrs/day)	100	HR	\$ 29.00	\$ 2,900.00
Trailer (10 days x 10 hrs/day)	100	HR	\$ 7.00	\$ 700.00
<u>Materials</u>				
<u>Category I: Timber Members*</u>				
3" x 12" x 16'	6000	BFT	\$ 2.60	\$ 15,625.00
5 1/4" x 11" x 16'	1578.5	BFT	\$ 2.66	\$ 4,200.00
5 1/2" x 10" x 24'	220	BFT	\$ 3.41	\$ 750.00
Total Timber Members				\$ 20,575
<u>Category II: Hardware**</u>				
3/4" dia. x 26" Grade A Round Head Carriage Bolts	110	EA	\$ 15.00	\$ 1,650.00
3/4" dia. x 8" Grade A Round Head Carriage Bolts	30	EA	\$ 10.00	\$ 300.00
3/4" dia. x 16" Grade A Round Head Carriage Bolts	60	EA	\$ 12.00	\$ 720.00
3/4" Grade DH Hex Head Nuts (ASTM A563)	200	EA	\$ 1.00	\$ 200.00
3/4" Finish USS Flat Washers	200	EA	\$ 0.25	\$ 50.00
<i>Inner dia. = 0.812", Outer dia. = 2.0", Nominal thickness = 0.148"</i>				
8" x 1 Gauge Spiral Spikes (50 lb. box)	8	EA	\$ 125.0	\$ 1,000.00
Total Hardware				\$ 3,920.00
<u>Category III: Finishes</u>				
Wood Preservative	10	GAL	\$ 28.00	\$ 280.00
<i>Copper Naphthenate & Hydrocarbon Solvent; maximum V.O.C. = 350 grams/liter;</i>				
<i>min. 2% copper metal</i>				
Total Finishes				\$ 280.00
Subtotal Materials				\$ 24,775.00
Sales Tax			8.00%	\$ 1,982.00
Subtotal Materials				\$ 26,757.00
Markup for Material and Equipment			15.00%	\$ 4,014
Total Materials & Equipment				\$ 30,771

* All timber shall be full-dimensional, rough cut Douglas Fir No. 2 or better; pressure-treated with preservative ACZA, with a preservative retention of 0.6, as specified under UC4B of the American Wood-Preservers' Association Standard.

** All steel hardware shall be ASTM A307 Hot-Dip Galvanized, unless noted otherwise. All steel manufacturing shall conform to the "Buy America" requirements of the Surface Transportation Assistance Act of 1982 (Section 165) and the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) Sections 1041(a) and 1048(a), and the regulations adopted pursuant thereto.

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
<u>Materials</u>				
<u>Category I: Timber Members*</u>				
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Total Timber Members				\$ 20,575.00
<u>Category II: Hardware**</u>				
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3/4" dia. x 8" Grade A Round Head Carriage Bolts	30	EA	\$ 10.00	\$ 300.00
3/4" dia. x 16" Grade A Round Head Carriage Bolts	60	EA	\$ 12.00	\$ 720.00
3/4" Grade DH Hex Head Nuts (ASTM A563)	200	EA	\$ 1.00	\$ 200.00
3/4" Finish USS Flat Washers <i>Inner dia. = 0.812", Outer dia. = 2.0", Nominal thickness = 0.148"</i>	200	EA	\$ 0.25	\$ 50.00
8" x 1 Gauge Spiral Spikes (50 lb. box)	8	EA	\$ 125.00	\$ 1,000.00
Total Hardware				\$ 3,920.00
<u>Category III: Finishes</u>				
Wood Preservative <i>Copper Naphthenate & Hydrocarbon Solvent; maximum V.O.C. = 350 grams/liter; min. 2% copper metal</i>	10	GAL	\$ 28.00	\$ 280.00
Total Finishes				\$ 280.00
Subtotal Materials				\$ 24,775.00
Sales Tax			8.00%	\$ 1,982.00
Contingency			10.00%	\$ 2,477.50
Total Materials				\$ 29,234.50

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County Staff Force Account Work
 Cosumnes Mine Road Bridge Maintenance Project
 3/28/2013

Labor & Equipment

Bridge Maintenance Supervisor (15 days x 10 hrs/day)	150	HR	\$ 86.98	\$	13,047.00
Bridge Maintenance Worker (4 x 10 days x 10 hrs/day)	400	HR	\$ 73.08	\$	29,232.00
F-250 Pickup Truck (15 days x 10 hrs/day)	150	HR	\$ 10.00	\$	1,500.00
Bridge Service Truck (10 days x 10 hrs/day)	100	HR	\$ 19.00	\$	1,900.00
F-550 Flatbed Truck (10 days x 10 hrs/day)	100	HR	\$ 13.00	\$	1,300.00
Skid Steer (10 days x 10 hrs/day)	100	HR	\$ 29.00	\$	2,900.00
Trailer (10 days x 10 hrs/day)	100	HR	\$ 7.00	\$	700.00
Subtotal Labor & Equipment				\$	50,579.00
Contingency			10.00%	\$	5,057.90
Total Labor & Equipment				\$	55,636.90