

Colorado Department Of Transportation [Development]

Contract

Date of Opening : October 22, 2012

Call Order: 001

Contract ID : C19034

Projects : IM0703-389

Counties : CLEAR CREEK

Awarded Vendor ID: 1470A

Awarded Vendor: KRAEMER/OBAYASHI JV

Contract ID: C19034

Project No: IM0703-389

This project is Construction Package 1A for Twin Tunnels Widening Project. The design subaccount is 18832. It consists of Retaining Wall A, HMA detour paving, BMPs, water quality, and project setup.

DBE Goal: 12.00 %

Site	Contract Time	Liquidation Damages
Work Days	100 Working Days	\$3,000.00 / day

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SECTION 0001 Roadway

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0005	201-00000 Clearing and Grubbing	1.000 L S	11,123.05		11,123.05	
0010	202-00010 Removal of Tree	5.000 EACH	333.69		1,668.45	
0015	202-00035 Removal of Pipe	40.000 LF	33.04		1,321.60	
0020	202-00090 Removal of Delineator	8.000 EACH	11.01		88.08	
0025	202-00220 Removal of Asphalt Mat	7,860.000 SY	5.00		39,300.00	
0030	202-00250 Removal of Pavement Marking	6,530.000 SF	1.98		12,929.40	
0035	202-00700 Removal of Light Standard	1.000 EACH	5,208.59		5,208.59	
0040	202-00705 Removal of Light Standard Foundation	1.000 EACH	523.06		523.06	
0045	202-00715 Removal of Closed Circuit Television Pole	1.000 EACH	220.23		220.23	
0050	202-00827 Removal of Pull Box	2.000 EACH	126.65		253.30	
0055	202-01130 Removal of Guardrail Type 3	3,317.000 LF	2.29		7,595.93	
0060	203-00010 Unclassified Excavation (Complete In Place)	1,736.000 CY	18.91		32,827.76	
0065	203-01500 Blading	20.000 HOUR	139.04		2,780.80	
0070	203-01510 Backhoe	20.000 HOUR	139.04		2,780.80	
0075	203-01520 Backhoe (Special)	83.000 EACH	166.85		13,848.55	
0080	203-01550 Dozing	40.000 HOUR	166.85		6,674.00	
0085	203-01582 Truck (Dump)	60.000 HOUR	111.23		6,673.80	

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			Dollars	Cents	Dollars	Cents
0090	203-01594 Combination Loader	40.000 HOUR	122.35		4,894.00	
0095	203-01597 Potholing	26.000 HOUR	239.55		6,228.30	
0100	203-02330 Laborer	40.000 HOUR	45.58		1,823.20	
0105	206-00000 Structure Excavation	6,086.000 CY	18.91		115,086.26	
0110	206-00065 Structure Backfill (Flow-Fill)	9.000 CY	121.13		1,090.17	
0115	206-00100 Structure Backfill (Class 1)	5,045.000 CY	20.02		101,000.90	
0120	206-00200 Structure Backfill (Class 2)	479.000 CY	13.35		6,394.65	
0125	206-00360 Mechanical Reinforcement of Soil	34.000 CY	66.08		2,246.72	
0130	208-00002 Erosion Log (12 Inch)	500.000 LF	5.50		2,750.00	
0135	208-00034 Gravel Bag	3,350.000 LF	6.06		20,301.00	
0140	208-00040 Check Dam	1.000 EACH	1,321.42		1,321.42	
0145	208-00045 Concrete Washout Structure	1.000 EACH	825.88		825.88	
0150	208-00070 Vehicle Tracking Pad	4.000 EACH	1,668.46		6,673.84	
0155	208-00103 Removal and Disposal of Sediment (Labor)	60.000 HOUR	44.05		2,643.00	
0160	208-00105 Removal and Disposal of Sediment (Equipment)	40.000 HOUR	88.09		3,523.60	
0165	208-00106 Sweeping (Sediment Removal)	40.000 HOUR	121.13		4,845.20	
0170	208-00206 Erosion Control Supervisor	36.000 DAY	308.71		11,113.56	

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			Dollars	Cents	Dollars	Cents
0175	210-00473 Reset TV Cameras	1.000 EACH	858.92		858.92	
0180	210-00476 Reset Microwave Vehicle Radar Detector (MVRD)	1.000 EACH	15,455.09		15,455.09	
0185	210-00750 Reset Light Standard	3.000 EACH	2,769.47		8,308.41	
0190	210-00810 Reset Ground Sign	1.000 EACH	8,369.54		8,369.54	
0195	210-00910 Reset Traffic Counter (Permanent)	1.000 EACH	2,956.67		2,956.67	
0200	210-04000 Adjust Structure	1.000 EACH	1,486.60		1,486.60	
0205	210-04020 Modify Inlet	6.000 EACH	858.92		5,153.52	
0210	210-04025 Modify Structure	3.000 EACH	1,706.83		5,120.49	
0215	210-04027 Modify Structure (Special)	1.000 EACH	6,419.84		6,419.84	
0220	212-00032 Soil Conditioning	0.500 ACRE	4,955.31		2,477.66	
0225	213-00012 Spray-on Mulch Blanket	0.500 ACRE	1,651.76		825.88	
0230	213-00100 Soil Binder	0.500 ACRE	1,101.18		550.59	
0235	213-00700 Landscape Boulder	180.000 EACH	27.81		5,005.80	
0240	304-06000 Aggregate Base Course (Class 6)	2,583.000 TON	15.85		40,940.55	
0245	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	20.000 TON	275.29		5,505.80	
0250	403-34721 Hot Mix Asphalt (Grading SX) (75) (PG 58-28)	3,870.000 TON	70.13		271,403.10	
0255	411-10255 Emulsified Asphalt (Slow-Setting)	2,617.000 GAL	4.46		11,671.82	

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0260	420-00103 Geotextile (Erosion Control) (Class 2)	39.000 SY	11.01		429.39	
0265	506-00206 Riprap (6 Inch)	15.000 CY	83.42		1,251.30	
0270	506-00212 Riprap (12 Inch)	31.000 CY	83.42		2,586.02	
0275	601-03050 Concrete Class D (Wall)	722.000 CY	735.46		531,002.12	
0280	601-40300 Structural Concrete Coating	1,245.000 SY	9.42		11,727.90	
0285	602-00000 Reinforcing Steel	89,382.000 LB	0.98		87,594.36	
0290	602-00020 Reinforcing Steel (Epoxy Coated)	5,595.000 LB	1.34		7,497.30	
0295	603-01245 24 Inch Reinforced Concrete Pipe (Complete In Place)	37.000 LF	103.51		3,829.87	
0300	603-01365 36 Inch Reinforced Concrete Pipe (Complete In Place)	63.000 LF	126.64		7,978.32	
0305	603-10180 18 Inch Corrugated Steel Pipe	83.000 LF	70.48		5,849.84	
0310	603-30018 18 Inch Steel End Section	1.000 EACH	539.58		539.58	
0315	604-00506 Inlet Type D (Special) (5 Foot)	1.000 EACH	4,652.49		4,652.49	
0320	604-00510 Inlet Type D (10 Foot)	1.000 EACH	4,872.73		4,872.73	
0325	604-00511 Inlet Type D (Special) (10 Foot)	1.000 EACH	5,505.91		5,505.91	
0330	604-19000 Inlet Special	1.000 EACH	15,141.26		15,141.26	
0335	604-30010 Manhole Slab Base (10 Foot)	1.000 EACH	3,688.96		3,688.96	
0340	604-39010 Manhole Special (10 Foot)	1.000 EACH	5,450.85		5,450.85	

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0345	605-83001 Geocomposite Drain without Pipe	344.000 SY	16.73		5,755.12	
0350	606-00900 Guardrail (Special)	1,270.000 LF	121.03		153,708.10	
0355	606-11030 Bridge Rail Type 10M	925.000 LF	141.21		130,619.25	
0360	607-11350 Fence Deer	1,030.000 LF	16.99		17,499.70	
0365	607-11580 Fence (Temporary)	500.000 LF	4.64		2,320.00	
0370	609-21020 Curb and Gutter Type 2 (Section II-B)	292.000 LF	22.03		6,432.76	
0375	612-00270 Location Marker (Utility)(Flat Slat)	1.000 EACH	115.63		115.63	
0380	613-00200 2 Inch Electrical Conduit	750.000 LF	16.51		12,382.50	
0385	613-00206 2 Inch Electrical Conduit (Bored)	100.000 LF	129.94		12,994.00	
0390	613-01200 2 Inch Electrical Conduit (Plastic)	1,195.000 LF	15.97		19,084.15	
0395	613-04200 2 Inch Electrical Conduit (Liquidtight Flexible Metal)	75.000 LF	9.91		743.25	
0400	613-07023 Pull Box (24"x36"x24")	1.000 EACH	1,183.77		1,183.77	
0405	613-07050 Pull Box (13"x24"x18") Deep	1.000 EACH	734.49		734.49	
0410	613-07060 Pull Box (18"x30"x18") Deep	3.000 EACH	1,040.61		3,121.83	
0415	613-10000 Wiring	1.000 L S	23,032.32		23,032.32	
0420	613-32400 Light Standard Steel (40 Foot)	1.000 EACH	4,922.61		4,922.61	
0425	613-33400 Light Standard Timber (40 Foot)	5.000 EACH	2,291.56		11,457.80	

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0430	613-40010 Light Standard Foundation	1.000 EACH	1,161.82		1,161.82	
0435	613-50150 Secondary Service Pedestal	1.000 EACH	545.09		545.09	
0440	613-70400 Luminaire High Pressure Sodium (400 Watt)	5.000 EACH	891.96		4,459.80	
0445	614-86102 Wireless Device Router	3.000 EACH	9,498.34		28,495.02	
0450	614-86105 Telemetry (Field)	1.000 EACH	1,486.69		1,486.69	
0455	614-87006 Fiber Optic Termination Panel (6 Fiber)	1.000 EACH	776.33		776.33	
0460	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	140.000 LF	2.20		308.00	
0465	614-87015 Buffer Tube Fan Out Kit	1.000 EACH	231.24		231.24	
0470	614-87020 Optical Transceiver	2.000 EACH	5,775.70		11,551.40	
0475	614-87350 Test Fiber Optic Cable	1.000 L S	501.04		501.04	
0480	620-00002 Field Office (Class 2)	1.000 EACH	49,462.12		49,462.12	
0485	620-00012 Field Laboratory (Class 2)	1.000 EACH	23,210.30		23,210.30	
0490	620-00020 Sanitary Facility	4.000 EACH	258.97		1,035.88	
0495	625-00000 Construction Surveying	1.000 L S	39,758.16		39,758.16	
0500	626-00100 Mobilization (without Autopay)	1.000 L S	533,719.12		533,719.12	
0505	626-01000 Public Information Services	1.000 L S	22,023.64		22,023.64	
0510	627-00001 Pavement Marking Paint	63.000 GAL	61.66		3,884.58	

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			Dollars	Cents	Dollars	Cents
0515	630-00000 Flagging	2,400.000 HOUR	19.82		47,568.00	
0520	630-00003 Uniformed Traffic Control	800.000 HOUR	82.59		66,072.00	
0525	630-00007 Traffic Control Inspection	9.000 DAY	192.71		1,734.39	
0530	630-00012 Traffic Control Management	100.000 DAY	754.31		75,431.00	
0535	630-80001 Flashing Beacon (Portable)	12.000 EACH	495.54		5,946.48	
0540	630-80336 Barricade (Type 3 M-B) (Temporary)	4.000 EACH	165.18		660.72	
0545	630-80341 Construction Traffic Sign (Panel Size A)	23.000 EACH	44.05		1,013.15	
0550	630-80342 Construction Traffic Sign (Panel Size B)	37.000 EACH	44.05		1,629.85	
0555	630-80343 Construction Traffic Sign (Panel Size C)	20.000 EACH	44.05		881.00	
0560	630-80355 Portable Message Sign Panel	6.000 EACH	4,955.31		29,731.86	
0565	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,431.54		2,863.08	
0570	630-80360 Drum Channelizing Device	75.000 EACH	44.05		3,303.75	
0575	630-80363 Drum Channelizing Device (With Light) (Flashing)	25.000 EACH	44.05		1,101.25	
0580	630-80370 Concrete Barrier (Temporary)	5,821.000 LF	13.94		81,144.74	
0585	630-80380 Traffic Cone	100.000 EACH	11.01		1,101.00	
0590	630-85006 Impact Attenuator (Sand Filled Plastic Barrel) (Temporary)	1.000 EACH	2,422.60		2,422.60	
0595	630-85010 Impact Attenuator (Temporary)	1.000 EACH	10,952.43		10,952.43	

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			Dollars	Cents	Dollars	Cents
0600	630-85041 Mobile Attenuator	50.000 DAY	534.08		26,704.00	

Total Bid: \$3,019,666.39