

Colorado Department Of Transportation

Printed On: 04/18/2019

Low Bid Summary

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Letting Date: February 21, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C20686R	NHPP1601-076	3	OLDCASTLE SW GROUP, INC.	\$3,056,929.25	\$2,620,142.20	85.71%	-\$436,787.05
Letting Totals			3		\$3,056,929.25	\$2,620,142.20	85.71%	-\$436,787.05

Colorado Department Of Transportation
Vendor Ranking

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Contract ID: C20686R

Contract Description:

This project is located on US 160 from mile point (MP) 40.000 to MP 61.853 and SH 145 from MP 0.000 to MP 1.345 in Montezuma County for a total project length of 23.198 miles. The work begins in Cortez and ends at top of Mancos Hill on US 160, including both east and west bound directions. Work on SH 145 begins at the US 160 / SH 145 Intersection and continues north through to the end of the curb and gutter section including both north and south bound directions. Also the Mesa Verde Interchange shall be chipped and fogged as well (on/off ramps, portion of Mesa Top Ruins Road and bridge deck).

Consisting of a single lift chipseal with 9 other maintenance surface treatments. The single lift of chips will be Type 1 chips. The other maintenance surface treatments will be a variety of double chipseals with varying shot rates and chip rates and microsurfacing. Chipseal will utilize CRS-2P Emulsion for the chipseal and will utilize diluted CSS-1h for the fog coat. Chip seal shall then have a fog seal emulsion applied. Microsurfacing will not require a fog coat application.

Temporary striping shall be required after placement of chips, after the fog seal and after the microsurfacing application.

Final Striping shall be applied seven (7) calendar days after placement of fog coat and the microsurfacing application. Both temporary and final striping will be in form of High-Build Pavement Marking Paint. MMA Pavement Marking locations shall be ground in prior to chip seal operations. At least seven calendar days following the completion of each segments fog coat and the microsurfacing application, MMA shall be placed within the previously inlaid locations. This project is located on US 160 from mile point (MP) 40.000 to MP 61.853 and SH 145 from

MP 0.000 to MP 1.345 in Montezuma County for a total project length of 23.198 miles. The work begins in Cortez and ends at top of Mancos Hill on US 160, including both east and west bound directions. Work on SH 145 begins at the US 160 / SH 145 Intersection and continues north through to the end of the curb and gutter section including both north and south bound directions. Also the Mesa Verde Interchange shall be chipped and fogged as well (on/off ramps, portion of Mesa Top Ruins Road and bridge deck).

Consisting of a single lift chipseal with 9 other maintenance surface treatments. The single lift of chips will be Type 1 chips. The other maintenance surface treatments will be a variety of double chipseals with varying shot rates and chip rates and microsurfacing. Chipseal will utilize CRS-2P Emulsion for the chipseal and will utilize diluted CSS-1h for the fog coat. Chip seal shall then have a fog seal emulsion applied. Microsurfacing will not require a fog coat application.

Temporary striping shall be required after placement of chips, after the fog seal and after the microsurfacing application.

Final Striping shall be applied seven (7) calendar days after placement of fog coat and the microsurfacing application. Both temporary and final striping will be in form of High-Build Pavement Marking Paint. MMA Pavement Marking locations shall be ground in prior to chip seal operations. At least seven calendar days following the completion of each segments fog coat and the microsurfacing application, MMA shall be placed within the previously inlaid locations.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	672A	OLDCASTLE SW GROUP, INC.	\$2,620,142.20	100.00%	85.71%
2	110E	INTERMOUNTAIN SLURRY SEAL, INC.	\$2,659,720.66	101.51%	87.01%
3	1658	Kilgore Companies, LLC dba Elam Construction	\$2,931,599.55	111.89%	95.90%
0	-EST-	Engineer's Estimate	\$3,056,929.25	116.67%	100.00%

Tabulation of Bids

Contract ID: C20686R

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 110E INTERMOUNTAIN SLURRY SEAL, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
202-00250	Removal of Pavement Marking	92.000 SF	5.00000	460.00	6.00000	552.00	6.48000	596.16
203-01597	Potholing	8.000 HOUR	300.00000	2,400.00	550.00000	4,400.00	250.00000	2,000.00
208-00002	Erosion Log Type 1 (12 Inch)	50.000 LF	5.00000	250.00	4.75000	237.50	6.00000	300.00
208-00020	Silt Fence	1,000.000 LF	2.00000	2,000.00	1.80000	1,800.00	4.00000	4,000.00
208-00103	Removal and Disposal of Sediment (Labor)	8.000 HOUR	60.00000	480.00	50.00000	400.00	350.00000	2,800.00
208-00105	Removal and Disposal of Sediment (Equipment)	8.000 HOUR	130.00000	1,040.00	85.00000	680.00	150.00000	1,200.00
208-00106	Sweeping (Sediment Removal)	40.000 HOUR	150.00000	6,000.00	370.00000	14,800.00	165.00000	6,600.00
212-00006	Seeding (Native)	0.100 ACRE	3,000.00000	300.00	2,500.00000	250.00	2,500.00000	250.00
213-00003	Mulching (Weed Free)	0.100 ACRE	3,500.00000	350.00	5,000.00000	500.00	5,000.00000	500.00
213-00061	Mulch Tackifier	10.000 LB	20.00000	200.00	26.00000	260.00	30.00000	300.00
409-01015	Cover Coat Material (Type I)	762,614.000 SY	1.20000	915,136.80	0.80000	610,091.20	0.90000	686,352.60
409-02015	Cover Coat Material (Type II)	35,501.000 SY	1.25000	44,376.25	1.25000	44,376.25	1.75000	62,126.75
409-09000	Micro-Surfacing Seal Coat	852.000 TON	225.00000	191,700.00	445.00000	379,140.00	295.00000	251,340.00
411-10216	Emulsified Asphalt (CRS-2P)	315,323.000 GAL	2.40000	756,775.20	2.00000	630,646.00	1.85000	583,347.55
411-10253	Emulsified Asphalt (CSS-1H)	47,954.000 GAL	2.50000	119,885.00	2.00000	95,908.00	2.00000	95,908.00

Tabulation of Bids

Contract ID: C20686R

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 110E INTERMOUNTAIN SLURRY SEAL, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY				LCC:			
614-80385	Rumble Strip	11,290.000 LF	0.80000	9,032.00	0.35000	3,951.50	0.34000	3,838.60
620-00001	Field Office (Class 1)	1.000 EACH	20,000.00000	20,000.00	25,000.00000	25,000.00	30,000.00000	30,000.00
620-00020	Sanitary Facility	1.000 EACH	1,700.00000	1,700.00	1,500.00000	1,500.00	5,000.00000	5,000.00
626-00000	Mobilization	1.000 L S	300,000.00000	300,000.00	278,000.00000	278,000.00	330,000.00000	330,000.00
626-01104	Public Information Services (Tier IV)	1.000 L S	3,000.00000	3,000.00	8,500.00000	8,500.00	15,000.00000	15,000.00
627-00013	Pavement Marking Paint (High Build)	4,091.000 GAL	30.00000	122,730.00	27.00000	110,457.00	32.00000	130,912.00
627-00013	Pavement Marking Paint (High Build) (Temporary)	4,314.000 GAL	30.00000	129,420.00	27.00000	116,478.00	32.00000	138,048.00
627-40012	Methyl Methacrylate Pavement Marking (Word Symbol)(Inlaid)	5,863.000 SF	33.00000	193,479.00	14.00000	82,082.00	22.00000	128,986.00
627-40013	Methyl Methacrylate Pavement Marking (X Walk Stop line)(Inlaid)	1,960.000 SF	33.00000	64,680.00	11.00000	21,560.00	17.00000	33,320.00
630-00000	Flagging	2,300.000 HOUR	24.00000	55,200.00	23.50000	54,050.00	15.00000	34,500.00
630-00001	Pilot Car Operation	800.000 HOUR	40.00000	32,000.00	43.00000	34,400.00	25.00000	20,000.00
630-00007	Traffic Control Inspection	48.000 DAY	100.00000	4,800.00	107.50000	5,160.00	75.00000	3,600.00
630-00012	Traffic Control Management	52.000 DAY	750.00000	39,000.00	780.00000	40,560.00	450.00000	23,400.00
630-80341	Construction Traffic Sign (Panel Size A)	20.000 EACH	30.00000	600.00	37.75000	755.00	45.00000	900.00
630-80342	Construction Traffic Sign (Panel Size B)	91.000 EACH	35.00000	3,185.00	37.75000	3,435.25	45.00000	4,095.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 110E INTERMOUNTAIN SLURRY SEAL, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
630-80350	Vertical Panel	30.000 EACH	5.00000	150.00	27.00000	810.00	35.00000	1,050.00
630-80355	Portable Message Sign Panel	3.000 EACH	2,000.00000	6,000.00	2,000.00000	6,000.00	2,500.00000	7,500.00
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	550.00000	1,100.00	700.00000	1,400.00	1,000.00000	2,000.00
630-80360	Drum Channelizing Device	50.000 EACH	8.00000	400.00	27.00000	1,350.00	33.00000	1,650.00
630-80380	Traffic Cone	350.000 EACH	2.00000	700.00	2.15000	752.50	2.00000	700.00
630-80511	Mobile Pavement Marking Zone	1.000 L S	10,000.00000	10,000.00	10,000.00000	10,000.00	20,000.00000	20,000.00
630-85041	Mobile Attenuator	46.000 DAY	400.00000	18,400.00	650.00000	29,900.00	600.00000	27,600.00
Section Totals:				\$3,056,929.25		\$2,620,142.20		\$2,659,720.66
Contract Grand Totals				\$3,056,929.25		\$2,620,142.20		\$2,659,720.66

Tabulation of Bids

Contract ID: C20686R

				(3) 1658 Kilgore Companies, LLC dba Elam Construc					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:			
202-00250	Removal of Pavement Marking	92.000	SF	5.20000	478.40				
203-01597	Potholing	8.000	HOUR	357.00000	2,856.00				
208-00002	Erosion Log Type 1 (12 Inch)	50.000	LF	5.35000	267.50				
208-00020	Silt Fence	1,000.000	LF	2.00000	2,000.00				
208-00103	Removal and Disposal of Sediment (Labor)	8.000	HOUR	59.30000	474.40				
208-00105	Removal and Disposal of Sediment (Equipment)	8.000	HOUR	150.00000	1,200.00				
208-00106	Sweeping (Sediment Removal)	40.000	HOUR	177.00000	7,080.00				
212-00006	Seeding (Native)	0.100	ACRE	3,140.00000	314.00				
213-00003	Mulching (Weed Free)	0.100	ACRE	5,620.00000	562.00				
213-00061	Mulch Tackifier	10.000	LB	29.60000	296.00				
409-01015	Cover Coat Material (Type I)	762,614.000	SY	0.95000	724,483.30				
409-02015	Cover Coat Material (Type II)	35,501.000	SY	1.50000	53,251.50				
409-09000	Micro-Surfacing Seal Coat	852.000	TON	369.00000	314,388.00				
411-10216	Emulsified Asphalt (CRS-2P)	315,323.000	GAL	2.35000	741,009.05				
411-10253	Emulsified Asphalt (CSS-1H)	47,954.000	GAL	3.35000	160,645.90				

Tabulation of Bids

Contract ID: C20686R

				(3) 1658 Kilgore Companies, LLC dba Elam Construc					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
614-80385	Rumble Strip	11,290.000	LF	0.30000	3,387.00				
620-00001	Field Office (Class 1)	1.000	EACH	24,740.00000	24,740.00				
620-00020	Sanitary Facility	1.000	EACH	4,530.00000	4,530.00				
626-00000	Mobilization	1.000	L S	375,000.00000	375,000.00				
626-01104	Public Information Services (Tier IV)	1.000	L S	4,160.00000	4,160.00				
627-00013	Pavement Marking Paint (High Build)	4,091.000	GAL	26.60000	108,820.60				
627-00013	Pavement Marking Paint (High Build) (Temporary)	4,314.000	GAL	26.60000	114,752.40				
627-40012	Methyl Methacrylate Pavement Marking (Word Symbol)(Inlaid)	5,863.000	SF	13.70000	80,323.10				
627-40013	Methyl Methacrylate Pavement Marking (X Walk Stop line)(Inlaid)	1,960.000	SF	10.40000	20,384.00				
630-00000	Flagging	2,300.000	HOUR	24.20000	55,660.00				
630-00001	Pilot Car Operation	800.000	HOUR	43.90000	35,120.00				
630-00007	Traffic Control Inspection	48.000	DAY	110.00000	5,280.00				
630-00012	Traffic Control Management	52.000	DAY	796.00000	41,392.00				
630-80341	Construction Traffic Sign (Panel Size A)	20.000	EACH	38.40000	768.00				
630-80342	Construction Traffic Sign (Panel Size B)	91.000	EACH	38.40000	3,494.40				

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Contract ID: C20686R

				(3) 1658 Kilgore Companies, LLC dba Elam Construc					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
630-80350	Vertical Panel	30.000 EACH		27.40000	822.00				
630-80355	Portable Message Sign Panel	3.000 EACH		1,430.00000	4,290.00				
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH		713.00000	1,426.00				
630-80360	Drum Channelizing Device	50.000 EACH		27.40000	1,370.00				
630-80380	Traffic Cone	350.000 EACH		2.20000	770.00				
630-80511	Mobile Pavement Marking Zone	1.000 L S		5,490.00000	5,490.00				
630-85041	Mobile Attenuator	46.000 DAY		659.00000	30,314.00				
Section Totals:					\$2,931,599.55				
Contract Grand Totals					\$2,931,599.55				

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C20686R

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	202-00250 Removal of Pavement Marking	92.000	5.00000	6.00000 SF	460.00	552.00	120.00%	92.00
0010	203-01597 Potholing	8.000	300.00000	550.00000 HOUR	2,400.00	4,400.00	183.33%	2,000.00
0015	208-00002 Erosion Log Type 1 (12 Inch)	50.000	5.00000	4.75000 LF	250.00	237.50	95.00%	-12.50
0020	208-00020 Silt Fence	1,000.000	2.00000	1.80000 LF	2,000.00	1,800.00	90.00%	-200.00
0025	208-00103 Removal and Disposal of Sediment (Labor)	8.000	60.00000	50.00000 HOUR	480.00	400.00	83.33%	-80.00
0030	208-00105 Removal and Disposal of Sediment (Equipment)	8.000	130.00000	85.00000 HOUR	1,040.00	680.00	65.38%	-360.00
0035	208-00106 Sweeping (Sediment Removal)	40.000	150.00000	370.00000 HOUR	6,000.00	14,800.00	246.67%	8,800.00
0040	212-00006 Seeding (Native)	0.100	3,000.00000	2,500.00000 ACRE	300.00	250.00	83.33%	-50.00
0045	213-00003 Mulching (Weed Free)	0.100	3,500.00000	5,000.00000 ACRE	350.00	500.00	142.86%	150.00
0050	213-00061 Mulch Tackifier	10.000	20.00000	26.00000 LB	200.00	260.00	130.00%	60.00
0055	409-01015 Cover Coat Material (Type I)	762,614.00	1.20000	0.80000 SY	915,136.80	610,091.20	66.67%	-305,045.60
0060	409-02015 Cover Coat Material (Type II)	35,501.000	1.25000	1.25000 SY	44,376.25	44,376.25	100.00%	0.00

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Low Bid Item Analysis

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Contract ID: C20686R

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	409-09000 Micro-Surfacing Seal Coat	852.000	225.00000	445.00000 TON	191,700.00	379,140.00	197.78%	187,440.00
0070	411-10216 Emulsified Asphalt (CRS-2P)	315,323.00	2.40000	2.00000 GAL	756,775.20	630,646.00	83.33%	-126,129.20
0075	411-10253 Emulsified Asphalt (CSS-1H)	47,954.00	2.50000	2.00000 GAL	119,885.00	95,908.00	80.00%	-23,977.00
0080	614-80385 Rumble Strip	11,290.00	0.80000	0.35000 LF	9,032.00	3,951.50	43.75%	-5,080.50
0085	620-00001 Field Office (Class 1)	1.000	20,000.00000	25,000.00000 EACH	20,000.00	25,000.00	125.00%	5,000.00
0090	620-00020 Sanitary Facility	1.000	1,700.00000	1,500.00000 EACH	1,700.00	1,500.00	88.24%	-200.00
0095	626-00000 Mobilization	1.000	300,000.00000	278,000.00000 L S	300,000.00	278,000.00	92.67%	-22,000.00
0100	626-01104 Public Information Services (Tier IV)	1.000	3,000.00000	8,500.00000 L S	3,000.00	8,500.00	283.33%	5,500.00
0105	627-00013 Pavement Marking Paint (High Build)	4,091.000	30.00000	27.00000 GAL	122,730.00	110,457.00	90.00%	-12,273.00
0110	627-00013 Pavement Marking Paint (High Build) (Temporary)	4,314.000	30.00000	27.00000 GAL	129,420.00	116,478.00	90.00%	-12,942.00
0115	627-40012 Methyl Methacrylate Pavement Marking (Word Symbol)(Inlaid)	5,863.000	33.00000	14.00000 SF	193,479.00	82,082.00	42.42%	-111,397.00

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Low Bid Item Analysis

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Contract ID: C20686R

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0120	627-40013 Methyl Methacrylate Pavement Marking (X Walk Stop line)(Inlaid)	1,960.000	33.00000	11.00000 SF	64,680.00	21,560.00	33.33%	-43,120.00
0125	630-00000 Flagging	2,300.000	24.00000	23.50000 HOUR	55,200.00	54,050.00	97.92%	-1,150.00
0130	630-00001 Pilot Car Operation	800.000	40.00000	43.00000 HOUR	32,000.00	34,400.00	107.50%	2,400.00
0135	630-00007 Traffic Control Inspection	48.000	100.00000	107.50000 DAY	4,800.00	5,160.00	107.50%	360.00
0140	630-00012 Traffic Control Management	52.000	750.00000	780.00000 DAY	39,000.00	40,560.00	104.00%	1,560.00
0145	630-80341 Construction Traffic Sign (Panel Size A)	20.000	30.00000	37.75000 EACH	600.00	755.00	125.83%	155.00
0150	630-80342 Construction Traffic Sign (Panel Size B)	91.000	35.00000	37.75000 EACH	3,185.00	3,435.25	107.86%	250.25
0155	630-80350 Vertical Panel	30.000	5.00000	27.00000 EACH	150.00	810.00	540.00%	660.00
0160	630-80355 Portable Message Sign Panel	3.000	2,000.00000	2,000.00000 EACH	6,000.00	6,000.00	100.00%	0.00
0165	630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000	550.00000	700.00000 EACH	1,100.00	1,400.00	127.27%	300.00
0170	630-80360 Drum Channelizing Device	50.000	8.00000	27.00000 EACH	400.00	1,350.00	337.50%	950.00

Low Bid Item Analysis

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0175	630-80380 Traffic Cone	350.000	2.00000	2.15000 EACH	700.00	752.50	107.50%	52.50
0180	630-80511 Mobile Pavement Marking Zone	1.000	10,000.00000	10,000.00000 L S	10,000.00	10,000.00	100.00%	0.00
0185	630-85041 Mobile Attenuator	46.000	400.00000	650.00000 DAY	18,400.00	29,900.00	162.50%	11,500.00
Section 0001 Subtotal					\$3,056,929.25	\$2,620,142.20	85.71%	-\$436,787.05
Contract Total for Calculated Low Bidders Bid Items					\$3,056,929.25	\$2,620,142.20	85.71%	-\$436,787.05