

Colorado Department Of Transportation

Printed On: 02/13/2023

Low Bid Summary

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Letting Date: February 02, 2023

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
005	C24795	C0342-066	3	Lumin8 Transportation Technologies, LLC	\$474,860.00	\$558,097.50	117.53%	\$83,237.50
Letting Totals			3		\$474,860.00	\$558,097.50	117.53%	\$83,237.50

Colorado Department Of Transportation
Vendor Ranking

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Contract ID: C24795
Contract Description:
This project includes the installation of two new closed circuit television (CCTV) cameras and one new road weather information system (RWIS) along US 34 between Greeley and Wiggins.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$474,860.00	85.09%	100.00%
1	697A	Lumin8 Transportation Technologies, LLC	\$558,097.50	100.00%	117.53%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$649,999.00	116.47%	136.88%
3	1476A	MORTON ELECTRIC, INC.	\$669,129.00	119.89%	140.91%

Tabulation of Bids

Contract ID: C24795

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A Lumin8 Transportation Tech.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
203-01597	Potholing	8.000 HOUR	500.00000	4,000.00	237.00000	1,896.00	500.00000	4,000.00
207-00700	Topsoil (Onsite)	81.000 CY	35.00000	2,835.00	76.00000	6,156.00	150.00000	12,150.00
208-00002	Erosion Log Type 1 (12 Inch)	300.000 LF	7.00000	2,100.00	16.00000	4,800.00	16.00000	4,800.00
208-00035	Aggregate Bag	40.000 LF	35.00000	1,400.00	14.00000	560.00	23.00000	920.00
208-00045	Concrete Washout Structure	1.000 EACH	3,000.00000	3,000.00	3,774.00000	3,774.00	3,500.00000	3,500.00
208-00103	Removal and Disposal of Sediment (Labor)	2.000 HOUR	105.00000	210.00	55.00000	110.00	125.00000	250.00
208-00105	Removal and Disposal of Sediment (Equipment)	2.000 HOUR	250.00000	500.00	64.00000	128.00	225.00000	450.00
208-00106	Sweeping (Sediment Removal)	2.000 HOUR	200.00000	400.00	29.00000	58.00	375.00000	750.00
212-00700	Organic Fertilizer	30.000 LB	10.00000	300.00	16.00000	480.00	34.00000	1,020.00
212-00701	Compost (Mechanically Applied)	7.000 CY	65.00000	455.00	218.00000	1,526.00	100.00000	700.00
212-00703	Humate	15.000 LB	10.00000	150.00	58.00000	870.00	40.00000	600.00
212-00704	Mycorrhizae	2.000 LB	25.00000	50.00	280.00000	560.00	310.00000	620.00
212-00708	Seeding (Native) Broadcast	0.100 ACRE	3,500.00000	350.00	13,120.00000	1,312.00	5,550.00000	555.00
213-00012	Spray-on Mulch Blanket	0.100 ACRE	4,000.00000	400.00	16,255.00000	1,625.50	14,000.00000	1,400.00
503-00036	Drilled Shaft (36 Inch)	18.000 LF	650.00000	11,700.00	767.00000	13,806.00	800.00000	14,400.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A Lumin8 Transportation Tech.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	150.000 LF	50.00000	7,500.00	68.00000	10,200.00	60.00000	9,000.00
606-02003	End Anchorage (Nonflared)	2.000 EACH	5,000.00000	10,000.00	5,522.00000	11,044.00	4,500.00000	9,000.00
612-00270	Location Marker (Utility)(Flat Slat)	4.000 EACH	200.00000	800.00	149.00000	596.00	245.00000	980.00
613-00050	1/2 Inch Electrical Conduit	30.000 LF	25.00000	750.00	18.00000	540.00	60.00000	1,800.00
613-01200	2 Inch Electrical Conduit (Plastic)	1,040.000 LF	30.00000	31,200.00	25.00000	26,000.00	35.00000	36,400.00
613-02200	2 Inch Electrical Conduit (Furnish Only)	60.000 LF	30.00000	1,800.00	17.00000	1,020.00	25.00000	1,500.00
613-04100	Electrical System Modifications	1.000 L S	5,000.00000	5,000.00	2,131.00000	2,131.00	8,781.00000	8,781.00
613-07002	Type Two Pull Box	4.000 EACH	1,500.00000	6,000.00	1,758.00000	7,032.00	2,550.00000	10,200.00
613-07004	Type Four Pull Box	3.000 EACH	2,000.00000	6,000.00	3,628.00000	10,884.00	4,100.00000	12,300.00
613-10000	Wiring	1.000 L S	30,000.00000	30,000.00	20,819.00000	20,819.00	32,500.00000	32,500.00
613-80130	Service Meter Cabinet	2.000 EACH	7,000.00000	14,000.00	8,757.00000	17,514.00	10,000.00000	20,000.00
613-80274	Structure Mounted Disconnect Switch	3.000 EACH	2,500.00000	7,500.00	550.00000	1,650.00	3,000.00000	9,000.00
614-72832	Communications Cabinet (Type 2)	2.000 EACH	15,000.00000	30,000.00	22,010.00000	44,020.00	22,500.00000	45,000.00
614-86105	Telemetry (Field)	3.000 EACH	5,000.00000	15,000.00	4,268.00000	12,804.00	7,500.00000	22,500.00
614-86741	Weather Monitoring System	1.000 EACH	60,000.00000	60,000.00	84,512.00000	84,512.00	84,500.00000	84,500.00

Tabulation of Bids

Contract ID: C24795

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A Lumin8 Transportation Tech.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
614-86752	Fold-Over Tower (ITS)	1.000 EACH	35,000.00000	35,000.00	40,399.00000	40,399.00	57,500.00000	57,500.00
614-87320	Closed Circuit Television	3.000 EACH	6,000.00000	18,000.00	9,281.00000	27,843.00	7,500.00000	22,500.00
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000 EACH	30,000.00000	30,000.00	17,758.00000	17,758.00	26,500.00000	26,500.00
620-00020	Sanitary Facility	1.000 EACH	3,500.00000	3,500.00	713.00000	713.00	2,000.00000	2,000.00
625-00000	Construction Surveying	1.000 L S	20,000.00000	20,000.00	16,009.00000	16,009.00	15,000.00000	15,000.00
626-00000	Mobilization	1.000 L S	39,590.00000	39,590.00	54,356.00000	54,356.00	80,000.00000	80,000.00
626-01114	Public Information Management (Tier IV)	52.000 DAY	85.00000	4,420.00	121.00000	6,292.00	115.00000	5,980.00
630-00000	Flagging	8.000 HOUR	75.00000	600.00	48.00000	384.00	36.00000	288.00
630-00007	Traffic Control Inspection	12.000 DAY	350.00000	4,200.00	452.00000	5,424.00	340.00000	4,080.00
630-00012	Traffic Control Management	30.000 DAY	1,300.00000	39,000.00	1,959.00000	58,770.00	1,735.00000	52,050.00
630-80341	Construction Traffic Sign (Panel Size A)	10.000 EACH	70.00000	700.00	75.00000	750.00	60.00000	600.00
630-80342	Construction Traffic Sign (Panel Size B)	20.000 EACH	80.00000	1,600.00	90.00000	1,800.00	70.00000	1,400.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000 EACH	3,000.00000	3,000.00	904.00000	904.00	675.00000	675.00
630-80380	Traffic Cone	50.000 EACH	25.00000	1,250.00	15.00000	750.00	15.00000	750.00
630-80393	Stackable Vertical Panels	20.000 EACH	30.00000	600.00	68.00000	1,360.00	55.00000	1,100.00

Tabulation of Bids

Contract ID: C24795

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A Lumin8 Transportation Tech.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
630-85020	Mobile Attenuator	1.000 EACH	20,000.00000	20,000.00	36,158.00000	36,158.00	30,000.00000	30,000.00
Section Totals:				\$474,860.00		\$558,097.50		\$649,999.00
Contract Grand Totals				\$474,860.00		\$558,097.50		\$649,999.00

Tabulation of Bids

Contract ID: C24795

				(3) 1476A MORTON ELECTRIC, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
203-01597	Potholing	8.000	HOUR	285.00000	2,280.00				
207-00700	Topsoil (Onsite)	81.000	CY	40.00000	3,240.00				
208-00002	Erosion Log Type 1 (12 Inch)	300.000	LF	11.70000	3,510.00				
208-00035	Aggregate Bag	40.000	LF	10.50000	420.00				
208-00045	Concrete Washout Structure	1.000	EACH	2,754.00000	2,754.00				
208-00103	Removal and Disposal of Sediment (Labor)	2.000	HOUR	75.00000	150.00				
208-00105	Removal and Disposal of Sediment (Equipment)	2.000	HOUR	150.00000	300.00				
208-00106	Sweeping (Sediment Removal)	2.000	HOUR	75.00000	150.00				
212-00700	Organic Fertilizer	30.000	LB	12.00000	360.00				
212-00701	Compost (Mechanically Applied)	7.000	CY	160.00000	1,120.00				
212-00703	Humate	15.000	LB	43.00000	645.00				
212-00704	Mycorrhizae	2.000	LB	205.00000	410.00				
212-00708	Seeding (Native) Broadcast	0.100	ACRE	9,590.00000	959.00				
213-00012	Spray-on Mulch Blanket	0.100	ACRE	11,870.00000	1,187.00				
503-00036	Drilled Shaft (36 Inch)	18.000	LF	780.00000	14,040.00				

Tabulation of Bids

Contract ID: C24795

				(3) 1476A MORTON ELECTRIC, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	150.000	LF	50.00000	7,500.00				
606-02003	End Anchorage (Nonflared)	2.000	EACH	4,100.00000	8,200.00				
612-00270	Location Marker (Utility)(Flat Slat)	4.000	EACH	115.00000	460.00				
613-00050	1/2 Inch Electrical Conduit	30.000	LF	20.00000	600.00				
613-01200	2 Inch Electrical Conduit (Plastic)	1,040.000	LF	24.00000	24,960.00				
613-02200	2 Inch Electrical Conduit (Furnish Only)	60.000	LF	20.00000	1,200.00				
613-04100	Electrical System Modifications	1.000	L S	15,560.00000	15,560.00				
613-07002	Type Two Pull Box	4.000	EACH	2,100.00000	8,400.00				
613-07004	Type Four Pull Box	3.000	EACH	2,800.00000	8,400.00				
613-10000	Wiring	1.000	L S	30,000.00000	30,000.00				
613-80130	Service Meter Cabinet	2.000	EACH	8,609.00000	17,218.00				
613-80274	Structure Mounted Disconnect Switch	3.000	EACH	1,660.00000	4,980.00				
614-72832	Communications Cabinet (Type 2)	2.000	EACH	18,500.00000	37,000.00				
614-86105	Telemetry (Field)	3.000	EACH	10,379.00000	31,137.00				
614-86741	Weather Monitoring System	1.000	EACH	84,261.00000	84,261.00				

Tabulation of Bids

Contract ID: C24795

				(3) 1476A MORTON ELECTRIC, INC.						
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
SECTION:	0001	BID ITEMS								LCC:
614-86752	Fold-Over Tower (ITS)	1.000	EACH	42,060.00000	42,060.00					
614-87320	Closed Circuit Television	3.000	EACH	5,600.00000	16,800.00					
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000	EACH	62,500.00000	62,500.00					
620-00020	Sanitary Facility	1.000	EACH	1,870.00000	1,870.00					
625-00000	Construction Surveying	1.000	L S	10,000.00000	10,000.00					
626-00000	Mobilization	1.000	L S	135,000.00000	135,000.00					
626-01114	Public Information Management (Tier IV)	52.000	DAY	88.00000	4,576.00					
630-00000	Flagging	8.000	HOUR	55.00000	440.00					
630-00007	Traffic Control Inspection	12.000	DAY	257.00000	3,084.00					
630-00012	Traffic Control Management	30.000	DAY	1,320.00000	39,600.00					
630-80341	Construction Traffic Sign (Panel Size A)	10.000	EACH	28.00000	280.00					
630-80342	Construction Traffic Sign (Panel Size B)	20.000	EACH	55.00000	1,100.00					
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000	EACH	28.00000	28.00					
630-80380	Traffic Cone	50.000	EACH	9.00000	450.00					
630-80393	Stackable Vertical Panels	20.000	EACH	17.00000	340.00					

Tabulation of Bids

Contract ID: C24795

			(3) 1476A MORTON ELECTRIC, INC.					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:	
630-85020	Mobile Attenuator	1.000 EACH	39,600.00000	39,600.00				
Section Totals:				\$669,129.00				
Contract Grand Totals				\$669,129.00				

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C24795

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	203-01597 Potholing	8.000	500.00000	237.00000 HOUR	4,000.00	1,896.00	47.40%	-2,104.00
0010	207-00700 Topsoil (Onsite)	81.000	35.00000	76.00000 CY	2,835.00	6,156.00	217.14%	3,321.00
0015	208-00002 Erosion Log Type 1 (12 Inch)	300.000	7.00000	16.00000 LF	2,100.00	4,800.00	228.57%	2,700.00
0020	208-00035 Aggregate Bag	40.000	35.00000	14.00000 LF	1,400.00	560.00	40.00%	-840.00
0025	208-00045 Concrete Washout Structure	1.000	3,000.00000	3,774.00000 EACH	3,000.00	3,774.00	125.80%	774.00
0030	208-00103 Removal and Disposal of Sediment (Labor)	2.000	105.00000	55.00000 HOUR	210.00	110.00	52.38%	-100.00
0035	208-00105 Removal and Disposal of Sediment (Equipment)	2.000	250.00000	64.00000 HOUR	500.00	128.00	25.60%	-372.00
0040	208-00106 Sweeping (Sediment Removal)	2.000	200.00000	29.00000 HOUR	400.00	58.00	14.50%	-342.00
0045	212-00700 Organic Fertilizer	30.000	10.00000	16.00000 LB	300.00	480.00	160.00%	180.00
0050	212-00701 Compost (Mechanically Applied)	7.000	65.00000	218.00000 CY	455.00	1,526.00	335.38%	1,071.00
0055	212-00703 Humate	15.000	10.00000	58.00000 LB	150.00	870.00	580.00%	720.00
0060	212-00704 Mycorrhizae	2.000	25.00000	280.00000 LB	50.00	560.00	1120.00%	510.00

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Low Bid Item Analysis

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Contract ID: C24795

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	212-00708 Seeding (Native) Broadcast	0.100	3,500.00000	13,120.00000 ACRE	350.00	1,312.00	374.86%	962.00
0070	213-00012 Spray-on Mulch Blanket	0.100	4,000.00000	16,255.00000 ACRE	400.00	1,625.50	406.38%	1,225.50
0075	503-00036 Drilled Shaft (36 Inch)	18.000	650.00000	767.00000 LF	11,700.00	13,806.00	118.00%	2,106.00
0080	606-00302 Guardrail Type 3 (31 Inch Midwest Guardrail System)	150.000	50.00000	68.00000 LF	7,500.00	10,200.00	136.00%	2,700.00
0085	606-02003 End Anchorage (Nonflared)	2.000	5,000.00000	5,522.00000 EACH	10,000.00	11,044.00	110.44%	1,044.00
0090	612-00270 Location Marker (Utility)(Flat Slat)	4.000	200.00000	149.00000 EACH	800.00	596.00	74.50%	-204.00
0095	613-00050 1/2 Inch Electrical Conduit	30.000	25.00000	18.00000 LF	750.00	540.00	72.00%	-210.00
0100	613-01200 2 Inch Electrical Conduit (Plastic)	1,040.000	30.00000	25.00000 LF	31,200.00	26,000.00	83.33%	-5,200.00
0105	613-02200 2 Inch Electrical Conduit (Furnish Only)	60.000	30.00000	17.00000 LF	1,800.00	1,020.00	56.67%	-780.00
0110	613-04100 Electrical System Modifications	1.000	5,000.00000	2,131.00000 L S	5,000.00	2,131.00	42.62%	-2,869.00
0115	613-07002 Type Two Pull Box	4.000	1,500.00000	1,758.00000 EACH	6,000.00	7,032.00	117.20%	1,032.00
0120	613-07004 Type Four Pull Box	3.000	2,000.00000	3,628.00000 EACH	6,000.00	10,884.00	181.40%	4,884.00

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Low Bid Item Analysis

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Contract ID: C24795

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	613-10000 Wiring	1.000	30,000.00000	20,819.00000 L S	30,000.00	20,819.00	69.40%	-9,181.00
0130	613-80130 Service Meter Cabinet	2.000	7,000.00000	8,757.00000 EACH	14,000.00	17,514.00	125.10%	3,514.00
0135	613-80274 Structure Mounted Disconnect Switch	3.000	2,500.00000	550.00000 EACH	7,500.00	1,650.00	22.00%	-5,850.00
0140	614-72832 Communications Cabinet (Type 2)	2.000	15,000.00000	22,010.00000 EACH	30,000.00	44,020.00	146.73%	14,020.00
0145	614-86105 Telemetry (Field)	3.000	5,000.00000	4,268.00000 EACH	15,000.00	12,804.00	85.36%	-2,196.00
0150	614-86741 Weather Monitoring System	1.000	60,000.00000	84,512.00000 EACH	60,000.00	84,512.00	140.85%	24,512.00
0155	614-86752 Fold-Over Tower (ITS)	1.000	35,000.00000	40,399.00000 EACH	35,000.00	40,399.00	115.43%	5,399.00
0160	614-87320 Closed Circuit Television	3.000	6,000.00000	9,281.00000 EACH	18,000.00	27,843.00	154.68%	9,843.00
0165	614-87364 Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000	30,000.00000	17,758.00000 EACH	30,000.00	17,758.00	59.19%	-12,242.00
0170	620-00020 Sanitary Facility	1.000	3,500.00000	713.00000 EACH	3,500.00	713.00	20.37%	-2,787.00
0175	625-00000 Construction Surveying	1.000	20,000.00000	16,009.00000 L S	20,000.00	16,009.00	80.05%	-3,991.00
0180	626-00000 Mobilization	1.000	39,590.00000	54,356.00000 L S	39,590.00	54,356.00	137.30%	14,766.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	626-01114 Public Information Management (Tier IV)	52.000	85.00000	121.00000 DAY	4,420.00	6,292.00	142.35%	1,872.00
0190	630-00000 Flagging	8.000	75.00000	48.00000 HOUR	600.00	384.00	64.00%	-216.00
0195	630-00007 Traffic Control Inspection	12.000	350.00000	452.00000 DAY	4,200.00	5,424.00	129.14%	1,224.00
0200	630-00012 Traffic Control Management	30.000	1,300.00000	1,959.00000 DAY	39,000.00	58,770.00	150.69%	19,770.00
0205	630-80341 Construction Traffic Sign (Panel Size A)	10.000	70.00000	75.00000 EACH	700.00	750.00	107.14%	50.00
0210	630-80342 Construction Traffic Sign (Panel Size B)	20.000	80.00000	90.00000 EACH	1,600.00	1,800.00	112.50%	200.00
0215	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000	3,000.00000	904.00000 EACH	3,000.00	904.00	30.13%	-2,096.00
0220	630-80380 Traffic Cone	50.000	25.00000	15.00000 EACH	1,250.00	750.00	60.00%	-500.00
0225	630-80393 Stackable Vertical Panels	20.000	30.00000	68.00000 EACH	600.00	1,360.00	226.67%	760.00
0230	630-85020 Mobile Attenuator	1.000	20,000.00000	36,158.00000 EACH	20,000.00	36,158.00	180.79%	16,158.00
Section 0001 Subtotal					\$474,860.00	\$558,097.50	117.53%	\$83,237.50
Contract Total for Calculated Low Bidders Bid Items					\$474,860.00	\$558,097.50	117.53%	\$83,237.50