

Colorado Department Of Transportation

Printed On: 04/08/2021

Low Bid Summary

Page 1 of 1

Letting Date: April 08, 2021

| Call Order | Contract ID | Project(s) | # of Bids | Low Bidder | Estimated Cost | Corrected Bid | Percent of Estimate | Overrun (+) Underrun (-) |
|----------------|-------------|-------------|-----------|-----------------------|----------------|----------------|---------------------|--------------------------|
| 001 | C23865 | FSA0703-478 | 4 | MORTON ELECTRIC, INC. | \$1,136,277.00 | \$1,086,039.00 | 95.58% | -\$50,238.00 |
| Letting Totals | | | 4 | | \$1,136,277.00 | \$1,086,039.00 | 95.58% | -\$50,238.00 |

Vendor Ranking

Contract ID: C23865

Contract Description:

VARIABLE SPEED LIMIT IMPLEMENTATION ON I-70 BETWEEN MP 231 AND MP 242
 Project FSA 0703-478 (Subaccount 23865) to install or replace Variable Speed Limit (VSL) signs on I-70. This project will also include installing Microwave Vehicle Radio Detector devices, weather station/friction sensor devices, bored conduit, power sources and cabinets, and an ITS pole.

Devices will be installed on the shoulder or in the median of I-70. The primary project area is from MP 231.28 to MP 241.68, eastbound I-70 in the Mountain Express Lane between Empire Junction and the Veterans Memorial Tunnels.

| Rank | Vendor ID | Vendor Name | Total Bid | Percent Of Low Bid | Percent Of Estimate |
|------|-----------|---|----------------|--------------------|---------------------|
| 1 | 1476A | MORTON ELECTRIC, INC. | \$1,086,039.00 | 100.00% | 95.58% |
| 0 | -EST- | Engineer's Estimate | \$1,136,277.00 | 104.63% | 100.00% |
| 2 | 1231A | INTERFACE COMMUNICATIONS COMPANY | \$1,457,538.00 | 134.21% | 128.27% |
| 3 | 720A | STURGEON ELECTRIC COMPANY, INC. | \$1,499,988.50 | 138.12% | 132.01% |
| 4 | 697A | Lumin8 Transportation Technologies, LLC | \$1,535,924.50 | 141.42% | 135.17% |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1476A MORTON ELECTRIC, INC. | | (2) 1231A INTERFACE COMMUNICATIONS | |
|-----------------|--|-------------|----------------------------------|-----------|---------------------------------------|-------------|--|-----------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 202-00815 | Removal of Sign (Special) | 13.000 EACH | 500.00000 | 6,500.00 | 365.00000 | 4,745.00 | 600.00000 | 7,800.00 |
| 203-01597 | Potholing | 80.000 HOUR | 220.00000 | 17,600.00 | 150.00000 | 12,000.00 | 311.00000 | 24,880.00 |
| 208-00002 | Erosion Log Type 1 (12 Inch) | 790.000 LF | 5.00000 | 3,950.00 | 7.90000 | 6,241.00 | 7.00000 | 5,530.00 |
| 208-00035 | Aggregate Bag | 60.000 LF | 10.00000 | 600.00 | 18.60000 | 1,116.00 | 11.00000 | 660.00 |
| 208-00046 | Pre-fabricated Concrete Washout Structure (Type 1) | 1.000 EACH | 2,500.00000 | 2,500.00 | 50.00000 | 50.00 | 650.00000 | 650.00 |
| 208-00056 | Storm Drain Inlet Protection (Type III) | 1.000 EACH | 350.00000 | 350.00 | 378.00000 | 378.00 | 340.00000 | 340.00 |
| 208-00075 | Pre-fabricated Vehicle Tracking Pad | 1.000 EACH | 3,200.00000 | 3,200.00 | 3,731.00000 | 3,731.00 | 5,124.00000 | 5,124.00 |
| 208-00103 | Removal and Disposal of Sediment (Labor) | 5.000 HOUR | 55.00000 | 275.00 | 73.00000 | 365.00 | 91.00000 | 455.00 |
| 208-00105 | Removal and Disposal of Sediment (Equipment) | 5.000 HOUR | 110.00000 | 550.00 | 211.00000 | 1,055.00 | 91.00000 | 455.00 |
| 208-00106 | Sweeping (Sediment Removal) | 10.000 HOUR | 140.00000 | 1,400.00 | 25.00000 | 250.00 | 91.00000 | 910.00 |
| 208-00107 | Removal of Trash | 5.000 HOUR | 100.00000 | 500.00 | 1.00000 | 5.00 | 40.00000 | 200.00 |
| 210-00810 | Reset Ground Sign | 4.000 EACH | 300.00000 | 1,200.00 | 120.00000 | 480.00 | 900.00000 | 3,600.00 |
| 212-00006 | Seeding (Native) | 0.300 ACRE | 1,000.00000 | 300.00 | 2,650.00000 | 795.00 | 2,075.00000 | 622.50 |
| 212-00032 | Soil Conditioning | 0.300 ACRE | 4,000.00000 | 1,200.00 | 3,990.00000 | 1,197.00 | 6,350.00000 | 1,905.00 |
| 213-00003 | Mulching (Weed Free) | 0.300 ACRE | 1,000.00000 | 300.00 | 3,600.00000 | 1,080.00 | 1,952.00000 | 585.60 |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1476A MORTON ELECTRIC, INC. | | (2) 1231A INTERFACE COMMUNICATIONS COMPANY | |
|-----------------|--|--------------|----------------------------------|-----------|---------------------------------------|-------------|---|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 213-00061 | Mulch Tackifier | 54.000 LB | 3.00000 | 162.00 | 15.00000 | 810.00 | 8.00000 | 432.00 |
| 503-00024 | Drilled Shaft (24 Inch) | 152.000 LF | 300.00000 | 45,600.00 | 300.00000 | 45,600.00 | 989.00000 | 150,328.00 |
| 607-11525 | Fence (Plastic) | 215.000 LF | 3.00000 | 645.00 | 5.00000 | 1,075.00 | 3.00000 | 645.00 |
| 613-00206 | 2 Inch Electrical Conduit (Bored) | 1,220.000 LF | 16.00000 | 19,520.00 | 36.00000 | 43,920.00 | 121.00000 | 147,620.00 |
| 613-01200 | 2 Inch Electrical Conduit (Plastic) | 1,990.000 LF | 8.00000 | 15,920.00 | 22.00000 | 43,780.00 | 38.00000 | 75,620.00 |
| 613-04100 | Electrical System Modifications | 1.000 L S | 20,000.00000 | 20,000.00 | 12,000.00000 | 12,000.00 | 13,255.00000 | 13,255.00 |
| 613-07002 | Type Two Pull Box | 12.000 EACH | 800.00000 | 9,600.00 | 1,359.00000 | 16,308.00 | 1,700.00000 | 20,400.00 |
| 613-07004 | Type Four Pull Box | 20.000 EACH | 1,400.00000 | 28,000.00 | 1,900.00000 | 38,000.00 | 2,500.00000 | 50,000.00 |
| 613-07195 | Proof Conduit | 2,370.000 LF | 2.00000 | 4,740.00 | 4.00000 | 9,480.00 | 8.00000 | 18,960.00 |
| 613-10000 | Wiring | 1.000 L S | 15,000.00000 | 15,000.00 | 25,100.00000 | 25,100.00 | 81,000.00000 | 81,000.00 |
| 613-50109 | Meter Power Pedestal | 2.000 EACH | 4,000.00000 | 8,000.00 | 8,450.00000 | 16,900.00 | 7,000.00000 | 14,000.00 |
| 614-00013 | Sign Panel (Class III) | 60.000 SF | 35.00000 | 2,100.00 | 32.00000 | 1,920.00 | 32.00000 | 1,920.00 |
| 614-00041 | Sign Post (Special) | 17.000 EACH | 1,500.00000 | 25,500.00 | 3,554.00000 | 60,418.00 | 3,100.00000 | 52,700.00 |
| 614-00612 | Steel Sign Post (W 6x12) | 120.000 LF | 55.00000 | 6,600.00 | 57.50000 | 6,900.00 | 95.00000 | 11,400.00 |
| 614-01573 | Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase) | 3.000 EACH | 375.00000 | 1,125.00 | 524.00000 | 1,572.00 | 850.00000 | 2,550.00 |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1476A MORTON ELECTRIC, INC. | | (2) 1231A INTERFACE COMMUNICATIONS COMPANY | |
|-----------------|--|----------------|----------------------------------|------------|---------------------------------------|-------------|---|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 614-10050 | Modification of Overhead Sign Structure | 11.000 EACH | 2,000.00000 | 22,000.00 | 950.00000 | 10,450.00 | 600.00000 | 6,600.00 |
| 614-10132 | Variable Speed Limit Sign (Install Only) | 26.000 EACH | 7,500.00000 | 195,000.00 | 430.00000 | 11,180.00 | 1,900.00000 | 49,400.00 |
| 614-70024 | 1310nm SFP Optic Module (Install Only) | 4.000 EACH | 350.00000 | 1,400.00 | 325.00000 | 1,300.00 | 200.00000 | 800.00 |
| 614-72834 | Communications Cabinet (Type 2) (Install Only) | 4.000 EACH | 7,000.00000 | 28,000.00 | 3,600.00000 | 14,400.00 | 3,200.00000 | 12,800.00 |
| 614-72887 | Microwave Vehicle Radar Detector (Install Only) | 6.000 EACH | 1,300.00000 | 7,800.00 | 750.00000 | 4,500.00 | 1,050.00000 | 6,300.00 |
| 614-80000 | Flashing Beacon (Install Only) | 26.000 EACH | 750.00000 | 19,500.00 | 310.00000 | 8,060.00 | 200.00000 | 5,200.00 |
| 614-86736 | Visibility Sensor (Install Only) | 4.000 EACH | 15,000.00000 | 60,000.00 | 750.00000 | 3,000.00 | 400.00000 | 1,600.00 |
| 614-86741 | Weather Monitoring System | 4.000 EACH | 52,000.00000 | 208,000.00 | 49,057.00000 | 196,228.00 | 46,800.00000 | 187,200.00 |
| 614-87400 | Breakaway Tapered ITS Pole Steel (30 Feet) 30' ITS POLE (install only) | 3.000 EACH | 5,000.00000 | 15,000.00 | 850.00000 | 2,550.00 | 1,050.00000 | 3,150.00 |
| 614-87697 | Ethernet Aggregation Switch Type I (Install Only) | 1.000 EACH | 1,000.00000 | 1,000.00 | 3,100.00000 | 3,100.00 | 1,650.00000 | 1,650.00 |
| 620-00020 | Sanitary Facility | 1.000 EACH | 3,000.00000 | 3,000.00 | 50.00000 | 50.00 | 2,900.00000 | 2,900.00 |
| 626-00000 | Mobilization | 1.000 L S | 110,000.00000 | 110,000.00 | 188,940.00000 | 188,940.00 | 139,900.90000 | 139,900.90 |
| 630-00000 | Flagging | 1,040.000 HOUR | 30.00000 | 31,200.00 | 35.20000 | 36,608.00 | 43.00000 | 44,720.00 |
| 630-00003 | Uniformed Traffic Control | 120.000 HOUR | 110.00000 | 13,200.00 | 90.00000 | 10,800.00 | 165.00000 | 19,800.00 |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1476A MORTON ELECTRIC, INC. | | (2) 1231A INTERFACE COMMUNICATIONS COMPANY | |
|------------------------|---|--------------|----------------------------------|----------------|---------------------------------------|----------------|---|----------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 630-00007 | Traffic Control Inspection | 42.000 DAY | 225.00000 | 9,450.00 | 1,100.00000 | 46,200.00 | 245.00000 | 10,290.00 |
| 630-00012 | Traffic Control Management | 104.000 DAY | 850.00000 | 88,400.00 | 711.00000 | 73,944.00 | 1,400.00000 | 145,600.00 |
| 630-80336 | Barricade (Type 3 M-B) (Temporary) | 2.000 EACH | 220.00000 | 440.00 | 99.00000 | 198.00 | 250.00000 | 500.00 |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 8.000 EACH | 45.00000 | 360.00 | 55.00000 | 440.00 | 70.00000 | 560.00 |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 49.000 EACH | 50.00000 | 2,450.00 | 55.00000 | 2,695.00 | 260.00000 | 12,740.00 |
| 630-80343 | Construction Traffic Sign (Panel Size C) | 8.000 EACH | 55.00000 | 440.00 | 55.00000 | 440.00 | 280.00000 | 2,240.00 |
| 630-80350 | Vertical Panel | 100.000 EACH | 25.00000 | 2,500.00 | 33.00000 | 3,300.00 | 44.00000 | 4,400.00 |
| 630-80355 | Portable Message Sign Panel | 3.000 EACH | 4,500.00000 | 13,500.00 | 5,148.00000 | 15,444.00 | 14,640.00000 | 43,920.00 |
| 630-80357 | Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 1.000 EACH | 1,500.00000 | 1,500.00 | 1,056.00000 | 1,056.00 | 4,300.00000 | 4,300.00 |
| 630-80360 | Drum Channelizing Device | 150.000 EACH | 40.00000 | 6,000.00 | 27.50000 | 4,125.00 | 70.00000 | 10,500.00 |
| 630-80380 | Traffic Cone | 100.000 EACH | 10.00000 | 1,000.00 | 6.60000 | 660.00 | 17.00000 | 1,700.00 |
| 630-80417 | Sequential Flashing Warning Light | 100.000 EACH | 80.00000 | 8,000.00 | 33.00000 | 3,300.00 | 125.00000 | 12,500.00 |
| 630-85041 | Mobile Attenuator | 104.000 DAY | 425.00000 | 44,200.00 | 825.00000 | 85,800.00 | 305.00000 | 31,720.00 |
| Section Totals: | | | | \$1,136,277.00 | | \$1,086,039.00 | | \$1,457,538.00 |

Tabulation of Bids

Contract ID: C23865

| | | | |
|------------------------------|-----------------------|-----------------------|-----------------------|
| Contract Grand Totals | \$1,136,277.00 | \$1,086,039.00 | \$1,457,538.00 |
|------------------------------|-----------------------|-----------------------|-----------------------|

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (3) 720A STURGEON ELECTRIC COMPANY, INC | | (4) 697A Lumin8 Transportation Tech. | | | |
|-----------------|--|-------------|---|-----------|--|-------------|------------|--------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 202-00815 | Removal of Sign (Special) | 13.000 EACH | 1,100.00000 | 14,300.00 | 1,600.00000 | 20,800.00 | | |
| 203-01597 | Potholing | 80.000 HOUR | 320.00000 | 25,600.00 | 230.00000 | 18,400.00 | | |
| 208-00002 | Erosion Log Type 1 (12 Inch) | 790.000 LF | 9.00000 | 7,110.00 | 6.50000 | 5,135.00 | | |
| 208-00035 | Aggregate Bag | 60.000 LF | 21.00000 | 1,260.00 | 9.50000 | 570.00 | | |
| 208-00046 | Pre-fabricated Concrete Washout Structure (Type 1) | 1.000 EACH | 2,000.00000 | 2,000.00 | 2,500.00000 | 2,500.00 | | |
| 208-00056 | Storm Drain Inlet Protection (Type III) | 1.000 EACH | 591.00000 | 591.00 | 450.00000 | 450.00 | | |
| 208-00075 | Pre-fabricated Vehicle Tracking Pad | 1.000 EACH | 3,920.00000 | 3,920.00 | 17,950.00000 | 17,950.00 | | |
| 208-00103 | Removal and Disposal of Sediment (Labor) | 5.000 HOUR | 73.00000 | 365.00 | 36.00000 | 180.00 | | |
| 208-00105 | Removal and Disposal of Sediment (Equipment) | 5.000 HOUR | 125.00000 | 625.00 | 56.00000 | 280.00 | | |
| 208-00106 | Sweeping (Sediment Removal) | 10.000 HOUR | 295.00000 | 2,950.00 | 167.00000 | 1,670.00 | | |
| 208-00107 | Removal of Trash | 5.000 HOUR | 80.00000 | 400.00 | 55.00000 | 275.00 | | |
| 210-00810 | Reset Ground Sign | 4.000 EACH | 595.00000 | 2,380.00 | 1,640.00000 | 6,560.00 | | |
| 212-00006 | Seeding (Native) | 0.300 ACRE | 9,470.00000 | 2,841.00 | 9,205.00000 | 2,761.50 | | |
| 212-00032 | Soil Conditioning | 0.300 ACRE | 13,555.00000 | 4,066.50 | 14,285.00000 | 4,285.50 | | |
| 213-00003 | Mulching (Weed Free) | 0.300 ACRE | 7,830.00000 | 2,349.00 | 5,835.00000 | 1,750.50 | | |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (3) 720A STURGEON ELECTRIC COMPANY, INC | | (4) 697A Lumin8 Transportation Tech. | | | |
|-----------------|--|--------------|---|------------|--|------------|------------|-------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | | | LCC: |
| 213-00061 | Mulch Tackifier | 54.000 LB | 29.00000 | 1,566.00 | 10.00000 | 540.00 | | |
| 503-00024 | Drilled Shaft (24 Inch) | 152.000 LF | 620.00000 | 94,240.00 | 690.00000 | 104,880.00 | | |
| 607-11525 | Fence (Plastic) | 215.000 LF | 12.00000 | 2,580.00 | 5.00000 | 1,075.00 | | |
| 613-00206 | 2 Inch Electrical Conduit (Bored) | 1,220.000 LF | 92.00000 | 112,240.00 | 99.00000 | 120,780.00 | | |
| 613-01200 | 2 Inch Electrical Conduit (Plastic) | 1,990.000 LF | 57.50000 | 114,425.00 | 40.00000 | 79,600.00 | | |
| 613-04100 | Electrical System Modifications | 1.000 L S | 75,000.00000 | 75,000.00 | 25,000.00000 | 25,000.00 | | |
| 613-07002 | Type Two Pull Box | 12.000 EACH | 2,245.00000 | 26,940.00 | 1,500.00000 | 18,000.00 | | |
| 613-07004 | Type Four Pull Box | 20.000 EACH | 3,025.00000 | 60,500.00 | 2,950.00000 | 59,000.00 | | |
| 613-07195 | Proof Conduit | 2,370.000 LF | 5.00000 | 11,850.00 | 2.00000 | 4,740.00 | | |
| 613-10000 | Wiring | 1.000 L S | 65,000.00000 | 65,000.00 | 65,000.00000 | 65,000.00 | | |
| 613-50109 | Meter Power Pedestal | 2.000 EACH | 7,350.00000 | 14,700.00 | 7,850.00000 | 15,700.00 | | |
| 614-00013 | Sign Panel (Class III) | 60.000 SF | 53.00000 | 3,180.00 | 55.00000 | 3,300.00 | | |
| 614-00041 | Sign Post (Special) | 17.000 EACH | 2,735.00000 | 46,495.00 | 3,255.00000 | 55,335.00 | | |
| 614-00612 | Steel Sign Post (W 6x12) | 120.000 LF | 69.00000 | 8,280.00 | 245.00000 | 29,400.00 | | |
| 614-01573 | Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase) | 3.000 EACH | 585.00000 | 1,755.00 | 560.00000 | 1,680.00 | | |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (3) 720A STURGEON ELECTRIC COMPANY, INC | | (4) 697A Lumin8 Transportation Tech. | | | |
|-----------------|--|----------------|---|------------|--|-------------|------------|--------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 614-10050 | Modification of Overhead Sign Structure | 11.000 EACH | 1,175.00000 | 12,925.00 | 1,425.00000 | 15,675.00 | | |
| 614-10132 | Variable Speed Limit Sign (Install Only) | 26.000 EACH | 3,340.00000 | 86,840.00 | 950.00000 | 24,700.00 | | |
| 614-70024 | 1310nm SFP Optic Module (Install Only) | 4.000 EACH | 265.00000 | 1,060.00 | 900.00000 | 3,600.00 | | |
| 614-72834 | Communications Cabinet (Type 2) (Install Only) | 4.000 EACH | 5,925.00000 | 23,700.00 | 3,000.00000 | 12,000.00 | | |
| 614-72887 | Microwave Vehicle Radar Detector (Install Only) | 6.000 EACH | 1,310.00000 | 7,860.00 | 800.00000 | 4,800.00 | | |
| 614-80000 | Flashing Beacon (Install Only) | 26.000 EACH | 370.00000 | 9,620.00 | 1,505.00000 | 39,130.00 | | |
| 614-86736 | Visibility Sensor (Install Only) | 4.000 EACH | 680.00000 | 2,720.00 | 250.00000 | 1,000.00 | | |
| 614-86741 | Weather Monitoring System | 4.000 EACH | 48,855.00000 | 195,420.00 | 63,948.00000 | 255,792.00 | | |
| 614-87400 | Breakaway Tapered ITS Pole Steel (30 Feet) 30' ITS POLE (install only) | 3.000 EACH | 1,415.00000 | 4,245.00 | 480.00000 | 1,440.00 | | |
| 614-87697 | Ethernet Aggregation Switch Type I (Install Only) | 1.000 EACH | 265.00000 | 265.00 | 955.00000 | 955.00 | | |
| 620-00020 | Sanitary Facility | 1.000 EACH | 1,815.00000 | 1,815.00 | 1,800.00000 | 1,800.00 | | |
| 626-00000 | Mobilization | 1.000 L S | 117,000.00000 | 117,000.00 | 102,000.00000 | 102,000.00 | | |
| 630-00000 | Flagging | 1,040.000 HOUR | 43.00000 | 44,720.00 | 42.50000 | 44,200.00 | | |
| 630-00003 | Uniformed Traffic Control | 120.000 HOUR | 132.00000 | 15,840.00 | 157.00000 | 18,840.00 | | |
| 630-00007 | Traffic Control Inspection | 42.000 DAY | 240.00000 | 10,080.00 | 467.00000 | 19,614.00 | | |

Tabulation of Bids

Contract ID: C23865

| Item Code | Description | Quantity | (3) 720A STURGEON ELECTRIC COMPANY, INC | | (4) 697A Lumin8 Transportation Tech. | | | |
|------------------------------|---|--------------|---|-----------------------|--|-----------------------|------------|-------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | | | LCC: |
| 630-00012 | Traffic Control Management | 104.000 DAY | 1,065.00000 | 110,760.00 | 2,134.00000 | 221,936.00 | | |
| 630-80336 | Barricade (Type 3 M-B) (Temporary) | 2.000 EACH | 318.00000 | 636.00 | 125.00000 | 250.00 | | |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 8.000 EACH | 163.00000 | 1,304.00 | 67.00000 | 536.00 | | |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 49.000 EACH | 225.00000 | 11,025.00 | 67.00000 | 3,283.00 | | |
| 630-80343 | Construction Traffic Sign (Panel Size C) | 8.000 EACH | 345.00000 | 2,760.00 | 67.00000 | 536.00 | | |
| 630-80350 | Vertical Panel | 100.000 EACH | 48.00000 | 4,800.00 | 40.00000 | 4,000.00 | | |
| 630-80355 | Portable Message Sign Panel | 3.000 EACH | 12,945.00000 | 38,835.00 | 6,245.00000 | 18,735.00 | | |
| 630-80357 | Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 1.000 EACH | 3,850.00000 | 3,850.00 | 1,280.00000 | 1,280.00 | | |
| 630-80360 | Drum Channelizing Device | 150.000 EACH | 70.00000 | 10,500.00 | 33.50000 | 5,025.00 | | |
| 630-80380 | Traffic Cone | 100.000 EACH | 27.00000 | 2,700.00 | 8.00000 | 800.00 | | |
| 630-80417 | Sequential Flashing Warning Light | 100.000 EACH | 120.00000 | 12,000.00 | 40.00000 | 4,000.00 | | |
| 630-85041 | Mobile Attenuator | 104.000 DAY | 550.00000 | 57,200.00 | 600.00000 | 62,400.00 | | |
| Section Totals: | | | | \$1,499,988.50 | | \$1,535,924.50 | | |
| Contract Grand Totals | | | | \$1,499,988.50 | | \$1,535,924.50 | | |

Colorado Department Of Transportation

Printed On: 04/08/2021

Low Bid Item Analysis

Page 1 of 5

Contract ID: C23865

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0005 | 202-00815 Removal of Sign (Special) | 13.000 | 500.00000 | 365.00000 EACH | 6,500.00 | 4,745.00 | 73.00% | -1,755.00 |
| 0010 | 203-01597 Potholing | 80.000 | 220.00000 | 150.00000 HOUR | 17,600.00 | 12,000.00 | 68.18% | -5,600.00 |
| 0015 | 208-00002 Erosion Log Type 1 (12 Inch) | 790.000 | 5.00000 | 7.90000 LF | 3,950.00 | 6,241.00 | 158.00% | 2,291.00 |
| 0020 | 208-00035 Aggregate Bag | 60.000 | 10.00000 | 18.60000 LF | 600.00 | 1,116.00 | 186.00% | 516.00 |
| 0025 | 208-00046 Pre-fabricated Concrete Washout Structure (Type 1) | 1.000 | 2,500.00000 | 50.00000 EACH | 2,500.00 | 50.00 | 2.00% | -2,450.00 |
| 0030 | 208-00056 Storm Drain Inlet Protection (Type III) | 1.000 | 350.00000 | 378.00000 EACH | 350.00 | 378.00 | 108.00% | 28.00 |
| 0035 | 208-00075 Pre-fabricated Vehicle Tracking Pad | 1.000 | 3,200.00000 | 3,731.00000 EACH | 3,200.00 | 3,731.00 | 116.59% | 531.00 |
| 0040 | 208-00103 Removal and Disposal of Sediment (Labor) | 5.000 | 55.00000 | 73.00000 HOUR | 275.00 | 365.00 | 132.73% | 90.00 |
| 0045 | 208-00105 Removal and Disposal of Sediment (Equipment) | 5.000 | 110.00000 | 211.00000 HOUR | 550.00 | 1,055.00 | 191.82% | 505.00 |
| 0050 | 208-00106 Sweeping (Sediment Removal) | 10.000 | 140.00000 | 25.00000 HOUR | 1,400.00 | 250.00 | 17.86% | -1,150.00 |
| 0055 | 208-00107 Removal of Trash | 5.000 | 100.00000 | 1.00000 HOUR | 500.00 | 5.00 | 1.00% | -495.00 |
| 0060 | 210-00810 Reset Ground Sign | 4.000 | 300.00000 | 120.00000 EACH | 1,200.00 | 480.00 | 40.00% | -720.00 |

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Contract ID: C23865

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|--|-----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0065 | 212-00006 Seeding (Native) | 0.300 | 1,000.00000 | 2,650.00000 ACRE | 300.00 | 795.00 | 265.00% | 495.00 |
| 0070 | 212-00032 Soil Conditioning | 0.300 | 4,000.00000 | 3,990.00000 ACRE | 1,200.00 | 1,197.00 | 99.75% | -3.00 |
| 0075 | 213-00003 Mulching (Weed Free) | 0.300 | 1,000.00000 | 3,600.00000 ACRE | 300.00 | 1,080.00 | 360.00% | 780.00 |
| 0080 | 213-00061 Mulch Tackifier | 54.000 | 3.00000 | 15.00000 LB | 162.00 | 810.00 | 500.00% | 648.00 |
| 0085 | 503-00024 Drilled Shaft (24 Inch) | 152.000 | 300.00000 | 300.00000 LF | 45,600.00 | 45,600.00 | 100.00% | 0.00 |
| 0090 | 607-11525 Fence (Plastic) | 215.000 | 3.00000 | 5.00000 LF | 645.00 | 1,075.00 | 166.67% | 430.00 |
| 0095 | 613-00206 2 Inch Electrical Conduit (Bored) | 1,220.000 | 16.00000 | 36.00000 LF | 19,520.00 | 43,920.00 | 225.00% | 24,400.00 |
| 0100 | 613-01200 2 Inch Electrical Conduit (Plastic) | 1,990.000 | 8.00000 | 22.00000 LF | 15,920.00 | 43,780.00 | 275.00% | 27,860.00 |
| 0105 | 613-04100 Electrical System Modifications | 1.000 | 20,000.00000 | 12,000.00000 L S | 20,000.00 | 12,000.00 | 60.00% | -8,000.00 |
| 0110 | 613-07002 Type Two Pull Box | 12.000 | 800.00000 | 1,359.00000 EACH | 9,600.00 | 16,308.00 | 169.88% | 6,708.00 |
| 0115 | 613-07004 Type Four Pull Box | 20.000 | 1,400.00000 | 1,900.00000 EACH | 28,000.00 | 38,000.00 | 135.71% | 10,000.00 |
| 0120 | 613-07195 Proof Conduit | 2,370.000 | 2.00000 | 4.00000 LF | 4,740.00 | 9,480.00 | 200.00% | 4,740.00 |

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Contract ID: C23865

| 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 | 15,000.00000 | 25,100.00000 L S | 15,000.00 | 25,100.00 | 167.33% | 10,100.00 |
| 0130 | 613-50109 Meter Power Pedestal | 2.000 | 4,000.00000 | 8,450.00000 EACH | 8,000.00 | 16,900.00 | 211.25% | 8,900.00 |
| 0135 | 614-00013 Sign Panel (Class III) | 60.000 | 35.00000 | 32.00000 SF | 2,100.00 | 1,920.00 | 91.43% | -180.00 |
| 0140 | 614-00041 Sign Post (Special) | 17.000 | 1,500.00000 | 3,554.00000 EACH | 25,500.00 | 60,418.00 | 236.93% | 34,918.00 |
| 0145 | 614-00612 Steel Sign Post (W 6x12) | 120.000 | 55.00000 | 57.50000 LF | 6,600.00 | 6,900.00 | 104.55% | 300.00 |
| 0150 | 614-01573 Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase) | 3.000 | 375.00000 | 524.00000 EACH | 1,125.00 | 1,572.00 | 139.73% | 447.00 |
| 0155 | 614-10050 Modification of Overhead Sign Structure | 11.000 | 2,000.00000 | 950.00000 EACH | 22,000.00 | 10,450.00 | 47.50% | -11,550.00 |
| 0160 | 614-10132 Variable Speed Limit Sign (Install Only) | 26.000 | 7,500.00000 | 430.00000 EACH | 195,000.00 | 11,180.00 | 5.73% | -183,820.00 |
| 0165 | 614-70024 1310nm SFP Optic Module (Install Only) | 4.000 | 350.00000 | 325.00000 EACH | 1,400.00 | 1,300.00 | 92.86% | -100.00 |
| 0170 | 614-72834 Communications Cabinet (Type 2) (Install Only) | 4.000 | 7,000.00000 | 3,600.00000 EACH | 28,000.00 | 14,400.00 | 51.43% | -13,600.00 |
| 0175 | 614-72887 Microwave Vehicle Radar Detector (Install Only) | 6.000 | 1,300.00000 | 750.00000 EACH | 7,800.00 | 4,500.00 | 57.69% | -3,300.00 |
| 0180 | 614-80000 Flashing Beacon (Install Only) | 26.000 | 750.00000 | 310.00000 EACH | 19,500.00 | 8,060.00 | 41.33% | -11,440.00 |

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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 | 614-86736 Visibility Sensor (Install Only) | 4.000 | 15,000.00000 | 750.00000 EACH | 60,000.00 | 3,000.00 | 5.00% | -57,000.00 |
| 0190 | 614-86741 Weather Monitoring System | 4.000 | 52,000.00000 | 49,057.00000 EACH | 208,000.00 | 196,228.00 | 94.34% | -11,772.00 |
| 0195 | 614-87400 Breakaway Tapered ITS Pole Steel (30 Feet) 30' ITS POLE (install only) | 3.000 | 5,000.00000 | 850.00000 EACH | 15,000.00 | 2,550.00 | 17.00% | -12,450.00 |
| 0200 | 614-87697 Ethernet Aggregation Switch Type I (Install Only) | 1.000 | 1,000.00000 | 3,100.00000 EACH | 1,000.00 | 3,100.00 | 310.00% | 2,100.00 |
| 0205 | 620-00020 Sanitary Facility | 1.000 | 3,000.00000 | 50.00000 EACH | 3,000.00 | 50.00 | 1.67% | -2,950.00 |
| 0210 | 626-00000 Mobilization | 1.000 | 110,000.00000 | 188,940.00000 L S | 110,000.00 | 188,940.00 | 171.76% | 78,940.00 |
| 0215 | 630-00000 Flagging | 1,040.000 | 30.00000 | 35.20000 HOUR | 31,200.00 | 36,608.00 | 117.33% | 5,408.00 |
| 0220 | 630-00003 Uniformed Traffic Control | 120.000 | 110.00000 | 90.00000 HOUR | 13,200.00 | 10,800.00 | 81.82% | -2,400.00 |
| 0225 | 630-00007 Traffic Control Inspection | 42.000 | 225.00000 | 1,100.00000 DAY | 9,450.00 | 46,200.00 | 488.89% | 36,750.00 |
| 0230 | 630-00012 Traffic Control Management | 104.000 | 850.00000 | 711.00000 DAY | 88,400.00 | 73,944.00 | 83.65% | -14,456.00 |
| 0235 | 630-80336 Barricade (Type 3 M-B) (Temporary) | 2.000 | 220.00000 | 99.00000 EACH | 440.00 | 198.00 | 45.00% | -242.00 |
| 0240 | 630-80341 Construction Traffic Sign (Panel Size A) | 8.000 | 45.00000 | 55.00000 EACH | 360.00 | 440.00 | 122.22% | 80.00 |

Low Bid Item Analysis

Contract ID: C23865

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) / Underrun (-) |
|--|--|-----------|-----------------|---------------------|-----------------------|-----------------------|---------------|----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0245 | 630-80342 Construction Traffic Sign (Panel Size B) | 49.000 | 50.00000 | 55.00000 EACH | 2,450.00 | 2,695.00 | 110.00% | 245.00 |
| 0250 | 630-80343 Construction Traffic Sign (Panel Size C) | 8.000 | 55.00000 | 55.00000 EACH | 440.00 | 440.00 | 100.00% | 0.00 |
| 0255 | 630-80350 Vertical Panel | 100.000 | 25.00000 | 33.00000 EACH | 2,500.00 | 3,300.00 | 132.00% | 800.00 |
| 0260 | 630-80355 Portable Message Sign Panel | 3.000 | 4,500.00000 | 5,148.00000 EACH | 13,500.00 | 15,444.00 | 114.40% | 1,944.00 |
| 0265 | 630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 1.000 | 1,500.00000 | 1,056.00000 EACH | 1,500.00 | 1,056.00 | 70.40% | -444.00 |
| 0270 | 630-80360 Drum Channelizing Device | 150.000 | 40.00000 | 27.50000 EACH | 6,000.00 | 4,125.00 | 68.75% | -1,875.00 |
| 0275 | 630-80380 Traffic Cone | 100.000 | 10.00000 | 6.60000 EACH | 1,000.00 | 660.00 | 66.00% | -340.00 |
| 0280 | 630-80417 Sequential Flashing Warning Light | 100.000 | 80.00000 | 33.00000 EACH | 8,000.00 | 3,300.00 | 41.25% | -4,700.00 |
| 0285 | 630-85041 Mobile Attenuator | 104.000 | 425.00000 | 825.00000 DAY | 44,200.00 | 85,800.00 | 194.12% | 41,600.00 |
| Section 0001 Subtotal | | | | | \$1,136,277.00 | \$1,086,039.00 | 95.58% | -\$50,238.00 |
| Contract Total for Calculated Low Bidders Bid Items | | | | | \$1,136,277.00 | \$1,086,039.00 | 95.58% | -\$50,238.00 |