

Colorado Department Of Transportation

Printed On: 06/25/2019

Low Bid Summary

Page 1 of 1

Letting Date: June 20, 2019

| Call Order | Contract ID | Project(s) | # of Bids | Low Bidder | Estimated Cost | Corrected Bid | Percent of Estimate | Overrun (+) Underrun (-) |
|----------------|-------------|--------------|-----------|---|----------------|----------------|---------------------|--------------------------|
| 001 | C20680 | STR 141A-040 | 2 | AMERICAN CIVIL CONSTRUCTORS, LLC. dba ACC Mountain West | \$1,961,295.00 | \$2,647,688.00 | 135.00% | \$686,393.00 |
| Letting Totals | | | 2 | | \$1,961,295.00 | \$2,647,688.00 | 135.00% | \$686,393.00 |

Colorado Department Of Transportation
Vendor Ranking

Printed On: 06/25/2019

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Contract ID: C20680

Contract Description:

This bridge rehabilitation project is part of the RAMP Bridge Preventative Maintenance Program. The project is located within LaPlata and Archuleta counties, and is located along State Highway numbers 151, along with U.S. Highway Numbers 160 and 550. The approximate beginning-ending project limits are MP 18.69 to MP 18.76 (on S.H. 151), MP 86.24 (on U.S. Highway No. 160), MP 93.76 to 93.78 (on U.S. Highway No. 160), MP 143.94 to MP 143.98 (U.S. Highway No. 160), MP 1.20 (NB lanes) (on U.S. Highway No. 550), MP 1.94 to 1.97 (SB lanes) (on U.S. Highway No. 550), and MP 32.04 to 32.06 (on U.S. Highway No. 550). The work includes: removing and replacing existing asphalt on 4 bridges, removing delaminated deck concrete and patching removed areas with deck concrete on 3 bridges, installing waterproofing membrane on 3 bridges, planing concrete and sealing bare concrete deck with polyester concrete overlay on 2 bridges. Removing and replacing bridge expansion devices on 3 bridges, removing and replacing plug joint on 1 bridge, sawcutting and sealing of transverse joints on 3 bridges, removing timber headers on 2 bridges, tapering asphalt roadway approach on 1 bridge, adding approach/sleeper slabs on 1 bridge, addressing a drainage issue on 1 bridge, placing flow-fill and regrading at the abutments of 1 bridge, repairing a pier cap on 1 bridge, re-striping on 7 bridges. Traffic control within the project limits will be limited to single lane closures on the work areas throughout the duration of the project, as directed except for P-05-S where only one lane may be closed in each direction at one time.

| Rank | Vendor ID | Vendor Name | Total Bid | Percent Of Low Bid | Percent Of Estimate |
|------|-----------|---|----------------|--------------------|---------------------|
| 0 | -EST- | Engineer's Estimate | \$1,961,295.00 | 74.08% | 100.00% |
| 1 | 232A | AMERICAN CIVIL CONSTRUCTORS, LLC. dba ACC Mountain West | \$2,647,688.00 | 100.00% | 135.00% |
| 2 | 905A | ABCO CONTRACTING, INC. | \$3,421,754.00 | 129.24% | 174.46% |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|--|--------------|----------------------------------|-----------|---|-------------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | LCC: | | |
| 202-00200 | Removal of Sidewalk | 5.000 SY | 50.00000 | 250.00 | 50.00000 | 250.00 | 160.00000 | 800.00 |
| 202-00203 | Removal of Curb and Gutter | 12.000 LF | 15.00000 | 180.00 | 50.00000 | 600.00 | 62.00000 | 744.00 |
| 202-00210 | Removal of Concrete Pavement | 846.000 SY | 40.00000 | 33,840.00 | 16.00000 | 13,536.00 | 135.00000 | 114,210.00 |
| 202-00217 | Remove Concrete Pavement (Planing) (Special) | 865.000 SY | 45.00000 | 38,925.00 | 20.00000 | 17,300.00 | 85.00000 | 73,525.00 |
| 202-00240 | Removal of Asphalt Mat (Planing) | 206.000 SY | 15.00000 | 3,090.00 | 50.00000 | 10,300.00 | 45.00000 | 9,270.00 |
| 202-00246 | Removal of Asphalt Mat (Planing) (Special) | 2,475.000 SY | 20.00000 | 49,500.00 | 20.00000 | 49,500.00 | 23.00000 | 56,925.00 |
| 202-00250 | Removal of Pavement Marking | 3,510.000 SF | 2.50000 | 8,775.00 | 3.00000 | 10,530.00 | 3.00000 | 10,530.00 |
| 202-00450 | Removal of Portions of Present Structure (Class 1) | 118.000 SY | 120.00000 | 14,160.00 | 200.00000 | 23,600.00 | 230.00000 | 27,140.00 |
| 202-00453 | Removal of Portions of Present Structure (Class 2) | 37.000 SY | 300.00000 | 11,100.00 | 650.00000 | 24,050.00 | 350.00000 | 12,950.00 |
| 202-00460 | Removal of Portions of Present Structure (Class 3) | 8.000 SY | 500.00000 | 4,000.00 | 1,400.00000 | 11,200.00 | 650.00000 | 5,200.00 |
| 202-00495 | Removal of Portions of Present Structure | 1.000 L S | 30,000.00000 | 30,000.00 | 15,000.00000 | 15,000.00 | 64,000.00000 | 64,000.00 |
| 202-00502 | Removal of Portions of Present Structure (timber header) | 1.000 CY | 2,500.00000 | 2,500.00 | 15,000.00000 | 15,000.00 | 38,000.00000 | 38,000.00 |
| 202-00504 | Removal of Expansion Device | 174.000 LF | 250.00000 | 43,500.00 | 170.00000 | 29,580.00 | 410.00000 | 71,340.00 |
| 202-01180 | Removal of Median Barrier | 238.000 LF | 25.00000 | 5,950.00 | 50.00000 | 11,900.00 | 240.00000 | 57,120.00 |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|--|-------------|----------------------------------|-----------|--|-------------|---------------------------------------|-----------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | LCC: | | |
| 202-04002 | Clean Culvert | 1.000 EACH | 1,000.00000 | 1,000.00 | 5,000.00000 | 5,000.00 | 5,000.00000 | 5,000.00 |
| 202-04050 | Clean Expansion Joint | 212.000 LF | 20.00000 | 4,240.00 | 25.00000 | 5,300.00 | 82.00000 | 17,384.00 |
| 203-01515 | Backhoe (Landscaping) | 7.000 HOUR | 180.00000 | 1,260.00 | 90.00000 | 630.00 | 450.00000 | 3,150.00 |
| 203-01555 | Dozing (Landscaping) | 7.000 HOUR | 150.00000 | 1,050.00 | 200.00000 | 1,400.00 | 450.00000 | 3,150.00 |
| 203-01594 | Combination Loader | 30.000 HOUR | 150.00000 | 4,500.00 | 130.00000 | 3,900.00 | 330.00000 | 9,900.00 |
| 203-01597 | Potholing | 20.000 HOUR | 225.00000 | 4,500.00 | 170.00000 | 3,400.00 | 330.00000 | 6,600.00 |
| 203-02330 | Laborer | 60.000 HOUR | 50.00000 | 3,000.00 | 50.00000 | 3,000.00 | 65.00000 | 3,900.00 |
| 206-00065 | Structure Backfill (Flow-Fill) | 64.000 CY | 250.00000 | 16,000.00 | 600.00000 | 38,400.00 | 560.00000 | 35,840.00 |
| 206-00100 | Structure Backfill (Class 1) | 13.000 CY | 60.00000 | 780.00 | 200.00000 | 2,600.00 | 2,000.00000 | 26,000.00 |
| 208-00002 | Erosion Log Type 1 (12 Inch) | 480.000 LF | 5.00000 | 2,400.00 | 6.00000 | 2,880.00 | 6.00000 | 2,880.00 |
| 208-00020 | Silt Fence | 100.000 LF | 3.50000 | 350.00 | 3.00000 | 300.00 | 2.50000 | 250.00 |
| 208-00035 | Aggregate Bag | 430.000 LF | 8.00000 | 3,440.00 | 15.00000 | 6,450.00 | 14.00000 | 6,020.00 |
| 208-00046 | Pre-fabricated Concrete Washout Structure (Type 1) | 2.000 EACH | 2,400.00000 | 4,800.00 | 500.00000 | 1,000.00 | 250.00000 | 500.00 |
| 208-00051 | Storm Drain Inlet Protection (Type I) | 92.000 LF | 15.00000 | 1,380.00 | 15.00000 | 1,380.00 | 14.00000 | 1,288.00 |
| 208-00056 | Storm Drain Inlet Protection (Type III) | 2.000 EACH | 300.00000 | 600.00 | 150.00000 | 300.00 | 150.00000 | 300.00 |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|--|-------------|----------------------------------|----------|--|-----------|---------------------------------------|-----------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | LCC: | | | |
| 208-00070 | Vehicle Tracking Pad | 3.000 EACH | 2,500.00000 | 7,500.00 | 3,000.00000 | 9,000.00 | 2,500.00000 | 7,500.00 |
| 208-00103 | Removal and Disposal of Sediment (Labor) | 20.000 HOUR | 60.00000 | 1,200.00 | 40.00000 | 800.00 | 70.00000 | 1,400.00 |
| 208-00105 | Removal and Disposal of Sediment (Equipment) | 20.000 HOUR | 140.00000 | 2,800.00 | 125.00000 | 2,500.00 | 180.00000 | 3,600.00 |
| 208-00106 | Sweeping (Sediment Removal) | 60.000 HOUR | 150.00000 | 9,000.00 | 200.00000 | 12,000.00 | 164.00000 | 9,840.00 |
| 208-00107 | Removal of Trash | 60.000 HOUR | 60.00000 | 3,600.00 | 100.00000 | 6,000.00 | 46.00000 | 2,760.00 |
| 210-00425 | Reset Bridge Railing | 40.000 LF | 60.00000 | 2,400.00 | 150.00000 | 6,000.00 | 200.00000 | 8,000.00 |
| 210-01000 | Reset Fence | 30.000 LF | 40.00000 | 1,200.00 | 50.00000 | 1,500.00 | 86.00000 | 2,580.00 |
| 210-01130 | Reset Guardrail Type 3 | 37.500 LF | 50.00000 | 1,875.00 | 110.00000 | 4,125.00 | 85.20000 | 3,195.00 |
| 210-01180 | Reset Guardrail (Special) 3G Transitionion Reset | 50.000 LF | 60.00000 | 3,000.00 | 180.00000 | 9,000.00 | 185.00000 | 9,250.00 |
| 210-04025 | Modify Structure | 1.000 EACH | 6,000.00000 | 6,000.00 | 5,000.00000 | 5,000.00 | 19,500.00000 | 19,500.00 |
| 212-00006 | Seeding (Native) | 0.300 ACRE | 3,000.00000 | 900.00 | 10,000.00000 | 3,000.00 | 2,600.00000 | 780.00 |
| 212-00032 | Soil Conditioning | 0.300 ACRE | 6,000.00000 | 1,800.00 | 9,000.00000 | 2,700.00 | 7,300.00000 | 2,190.00 |
| 213-00003 | Mulching (Weed Free) | 0.300 ACRE | 3,000.00000 | 900.00 | 6,000.00000 | 1,800.00 | 5,700.00000 | 1,710.00 |
| 213-00061 | Mulch Tackifier | 60.000 LB | 4.00000 | 240.00 | 10.00000 | 600.00 | 7.00000 | 420.00 |
| 214-01015 | Willow Cuttings | 15.000 EACH | 4.00000 | 60.00 | 30.00000 | 450.00 | 14.00000 | 210.00 |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|---|--------------|----------------------------------|------------|--|-------------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | LCC: | | |
| 216-00101 | Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1) | 100.000 SY | 25.00000 | 2,500.00 | 10.00000 | 1,000.00 | 4.00000 | 400.00 |
| 240-00000 | Wildlife Biologist | 45.000 HOUR | 120.00000 | 5,400.00 | 135.00000 | 6,075.00 | 145.00000 | 6,525.00 |
| 240-00010 | Removal of Nests | 56.000 HOUR | 85.00000 | 4,760.00 | 120.00000 | 6,720.00 | 318.00000 | 17,808.00 |
| 250-00110 | Health and Safety Officer | 60.000 HOUR | 110.00000 | 6,600.00 | 100.00000 | 6,000.00 | 100.00000 | 6,000.00 |
| 403-00720 | Hot Mix Asphalt (Patching) (Asphalt) | 360.000 TON | 300.00000 | 108,000.00 | 550.00000 | 198,000.00 | 475.00000 | 171,000.00 |
| 408-01100 | Joint Sealant | 113.000 LF | 30.00000 | 3,390.00 | 100.00000 | 11,300.00 | 27.00000 | 3,051.00 |
| 412-01020 | Concrete Pavement (10 Inch) (Fast Track) | 628.000 SY | 90.00000 | 56,520.00 | 200.00000 | 125,600.00 | 334.00000 | 209,752.00 |
| 420-00102 | Geotextile (Erosion Control) (Class 1) | 60.000 SY | 8.00000 | 480.00 | 5.00000 | 300.00 | 19.00000 | 1,140.00 |
| 420-00510 | Geotextile (Crack Reduction) (High Density) | 285.000 SY | 20.00000 | 5,700.00 | 10.00000 | 2,850.00 | 15.00000 | 4,275.00 |
| 506-00206 | Riprap (6 Inch) | 56.000 CY | 150.00000 | 8,400.00 | 150.00000 | 8,400.00 | 930.00000 | 52,080.00 |
| 509-00001 | Structural Steel (Galvanized) | 720.000 LB | 10.00000 | 7,200.00 | 8.00000 | 5,760.00 | 35.00000 | 25,200.00 |
| 515-00120 | Waterproofing (Membrane) | 2,229.000 SY | 17.00000 | 37,893.00 | 35.00000 | 78,015.00 | 17.00000 | 37,893.00 |
| 515-00400 | Concrete Sealer | 556.000 SY | 20.00000 | 11,120.00 | 30.00000 | 16,680.00 | 15.00000 | 8,340.00 |
| 518-00000 | Bridge Compression Joint Sealer | 48.000 LF | 200.00000 | 9,600.00 | 150.00000 | 7,200.00 | 350.00000 | 16,800.00 |
| 518-01004 | Bridge Expansion Device (0-4 Inch) | 126.000 LF | 300.00000 | 37,800.00 | 400.00000 | 50,400.00 | 460.00000 | 57,960.00 |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|--|---------------|----------------------------------|------------|--|------------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | LCC: | | | |
| 518-01050 | Bridge Expansion Device (Special) | 128.000 LF | 400.00000 | 51,200.00 | 450.00000 | 57,600.00 | 370.00000 | 47,360.00 |
| 518-03000 | Sawing and Sealing Bridge Joint | 212.000 LF | 25.00000 | 5,300.00 | 80.00000 | 16,960.00 | 12.00000 | 2,544.00 |
| 519-03035 | Place Thin Bonded Overlay (Polyester Concrete) | 1,631.000 SY | 70.00000 | 114,170.00 | 175.00000 | 285,425.00 | 84.00000 | 137,004.00 |
| 519-03055 | Furnish Thin Bonded Overlay (Polyester Concrete) | 1,156.000 CF | 130.00000 | 150,280.00 | 197.00000 | 227,732.00 | 123.00000 | 142,188.00 |
| 601-03040 | Concrete Class D (Bridge) | 102.000 CY | 1,000.00000 | 102,000.00 | 1,500.00000 | 153,000.00 | 800.00000 | 81,600.00 |
| 601-03057 | Concrete Class DR | 22.000 CY | 4,000.00000 | 88,000.00 | 1,500.00000 | 33,000.00 | 4,250.00000 | 93,500.00 |
| 601-51005 | Galvanic Anodes | 225.000 EACH | 45.00000 | 10,125.00 | 25.00000 | 5,625.00 | 31.00000 | 6,975.00 |
| 602-00000 | Reinforcing Steel | 265.000 LB | 4.00000 | 1,060.00 | 2.00000 | 530.00 | 4.00000 | 1,060.00 |
| 602-00020 | Reinforcing Steel (Epoxy Coated) | 19,190.000 LB | 2.50000 | 47,975.00 | 2.00000 | 38,380.00 | 3.50000 | 67,165.00 |
| 603-01155 | 15 Inch Reinforced Concrete Pipe (Complete In Place) | 200.000 LF | 100.00000 | 20,000.00 | 150.00000 | 30,000.00 | 260.00000 | 52,000.00 |
| 604-25005 | Vane Grate Inlet (5 Foot) | 1.000 EACH | 5,000.00000 | 5,000.00 | 10,000.00000 | 10,000.00 | 10,000.00000 | 10,000.00 |
| 606-00910 | Guardrail Type 9 (Style CA) | 238.000 LF | 170.00000 | 40,460.00 | 200.00000 | 47,600.00 | 440.00000 | 104,720.00 |
| 607-11525 | Fence (Plastic) | 470.000 LF | 3.00000 | 1,410.00 | 10.00000 | 4,700.00 | 4.00000 | 1,880.00 |
| 608-00000 | Concrete Sidewalk | 5.000 SY | 130.00000 | 650.00 | 150.00000 | 750.00 | 340.00000 | 1,700.00 |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|--|----------------|----------------------------------|------------|--|------------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | LCC: | | | |
| 609-21900 | Curb and Gutter Type 2 (Special) | 12.000 LF | 50.00000 | 600.00 | 60.00000 | 720.00 | 120.00000 | 1,440.00 |
| 620-00020 | Sanitary Facility | 2.000 EACH | 2,500.00000 | 5,000.00 | 2,000.00000 | 4,000.00 | 3,250.00000 | 6,500.00 |
| 625-00000 | Construction Surveying | 1.000 L S | 30,000.00000 | 30,000.00 | 40,000.00000 | 40,000.00 | 40,000.00000 | 40,000.00 |
| 626-00000 | Mobilization | 1.000 L S | 200,000.00000 | 200,000.00 | 250,000.00000 | 250,000.00 | 818,000.00000 | 818,000.00 |
| 626-01104 | Public Information Services (Tier IV) | 1.000 L S | 12,000.00000 | 12,000.00 | 20,000.00000 | 20,000.00 | 17,000.00000 | 17,000.00 |
| 627-00013 | Pavement Marking Paint (High Build) | 129.000 GAL | 110.00000 | 14,190.00 | 50.00000 | 6,450.00 | 32.00000 | 4,128.00 |
| 627-00032 | Raised Flexible Pavement Marker (Temporary) | 65.000 EACH | 20.00000 | 1,300.00 | 10.00000 | 650.00 | 7.00000 | 455.00 |
| 627-30405 | Preformed Thermoplastic Pavement Marking (Word-Symbol) | 45.000 SF | 25.00000 | 1,125.00 | 35.00000 | 1,575.00 | 26.00000 | 1,170.00 |
| 627-30410 | Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) | 126.000 SF | 20.00000 | 2,520.00 | 30.00000 | 3,780.00 | 24.00000 | 3,024.00 |
| 630-00000 | Flagging | 3,776.000 HOUR | 27.00000 | 101,952.00 | 30.00000 | 113,280.00 | 30.00000 | 113,280.00 |
| 630-00007 | Traffic Control Inspection | 65.000 DAY | 160.00000 | 10,400.00 | 150.00000 | 9,750.00 | 65.00000 | 4,225.00 |
| 630-00012 | Traffic Control Management | 155.000 DAY | 800.00000 | 124,000.00 | 1,000.00000 | 155,000.00 | 765.00000 | 118,575.00 |
| 630-80335 | Barricade (Type 3 M-A) (Temporary) | 12.000 EACH | 360.00000 | 4,320.00 | 100.00000 | 1,200.00 | 65.00000 | 780.00 |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 25.000 EACH | 50.00000 | 1,250.00 | 50.00000 | 1,250.00 | 13.00000 | 325.00 |

Tabulation of Bids

Contract ID: C20680

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A | | (2) 905A ABCO CONTRACTING, INC. | |
|------------------------------|--|--------------|----------------------------------|-----------------------|--|-----------------------|---------------------------------------|-----------------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | LCC: | | |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 102.000 EACH | 60.00000 | 6,120.00 | 50.00000 | 5,100.00 | 13.00000 | 1,326.00 |
| 630-80343 | Construction Traffic Sign (Panel Size C) | 10.000 EACH | 65.00000 | 650.00 | 60.00000 | 600.00 | 20.00000 | 200.00 |
| 630-80344 | Construction Traffic Sign (Special) | 72.000 SF | 30.00000 | 2,160.00 | 60.00000 | 4,320.00 | 20.00000 | 1,440.00 |
| 630-80350 | Vertical Panel | 75.000 EACH | 30.00000 | 2,250.00 | 50.00000 | 3,750.00 | 13.00000 | 975.00 |
| 630-80355 | Portable Message Sign Panel | 2.000 EACH | 11,000.00000 | 22,000.00 | 10,000.00000 | 20,000.00 | 3,100.00000 | 6,200.00 |
| 630-80357 | Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 6.000 EACH | 1,500.00000 | 9,000.00 | 4,000.00000 | 24,000.00 | 650.00000 | 3,900.00 |
| 630-80360 | Drum Channelizing Device | 60.000 EACH | 24.00000 | 1,440.00 | 50.00000 | 3,000.00 | 13.00000 | 780.00 |
| 630-80364 | Drum Channelizing Device (With Light) (Steady Burn) | 20.000 EACH | 30.00000 | 600.00 | 55.00000 | 1,100.00 | 20.00000 | 400.00 |
| 630-80370 | Concrete Barrier (Temporary) | 1,390.000 LF | 40.00000 | 55,600.00 | 100.00000 | 139,000.00 | 110.00000 | 152,900.00 |
| 630-80380 | Traffic Cone | 40.000 EACH | 7.00000 | 280.00 | 20.00000 | 800.00 | 4.00000 | 160.00 |
| 630-85006 | Impact Attenuator (Sand Filled Plastic Barrel) (Temporary) | 4.000 EACH | 6,000.00000 | 24,000.00 | 3,000.00000 | 12,000.00 | 1,200.00000 | 4,800.00 |
| 630-86810 | Traffic Signal (Temporary) | 3.000 EACH | 16,000.00000 | 48,000.00 | 6,000.00000 | 18,000.00 | 5,000.00000 | 15,000.00 |
| Section Totals: | | | | \$1,961,295.00 | | \$2,647,688.00 | | \$3,421,754.00 |
| Contract Grand Totals | | | | \$1,961,295.00 | | \$2,647,688.00 | | \$3,421,754.00 |

Colorado Department Of Transportation

Printed On: 06/25/2019

Low Bid Item Analysis

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Contract ID: C20680

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0005 | 202-00200 Removal of Sidewalk | 5.000 | 50.00000 | 50.00000 SY | 250.00 | 250.00 | 100.00% | 0.00 |
| 0010 | 202-00203 Removal of Curb and Gutter | 12.000 | 15.00000 | 50.00000 LF | 180.00 | 600.00 | 333.33% | 420.00 |
| 0015 | 202-00210 Removal of Concrete Pavement | 846.000 | 40.00000 | 16.00000 SY | 33,840.00 | 13,536.00 | 40.00% | -20,304.00 |
| 0020 | 202-00217 Remove Concrete Pavement (Planing) (Special) | 865.000 | 45.00000 | 20.00000 SY | 38,925.00 | 17,300.00 | 44.44% | -21,625.00 |
| 0025 | 202-00240 Removal of Asphalt Mat (Planing) | 206.000 | 15.00000 | 50.00000 SY | 3,090.00 | 10,300.00 | 333.33% | 7,210.00 |
| 0030 | 202-00246 Removal of Asphalt Mat (Planing) (Special) | 2,475.000 | 20.00000 | 20.00000 SY | 49,500.00 | 49,500.00 | 100.00% | 0.00 |
| 0035 | 202-00250 Removal of Pavement Marking | 3,510.000 | 2.50000 | 3.00000 SF | 8,775.00 | 10,530.00 | 120.00% | 1,755.00 |
| 0040 | 202-00450 Removal of Portions of Present Structure (Class 1) | 118.000 | 120.00000 | 200.00000 SY | 14,160.00 | 23,600.00 | 166.67% | 9,440.00 |
| 0045 | 202-00453 Removal of Portions of Present Structure (Class 2) | 37.000 | 300.00000 | 650.00000 SY | 11,100.00 | 24,050.00 | 216.67% | 12,950.00 |
| 0050 | 202-00460 Removal of Portions of Present Structure (Class 3) | 8.000 | 500.00000 | 1,400.00000 SY | 4,000.00 | 11,200.00 | 280.00% | 7,200.00 |
| 0055 | 202-00495 Removal of Portions of Present Structure | 1.000 | 30,000.00000 | 15,000.00000 L S | 30,000.00 | 15,000.00 | 50.00% | -15,000.00 |

Colorado Department Of Transportation

Printed On: 06/25/2019

Low Bid Item Analysis

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Contract ID: C20680

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0060 | 202-00502 Removal of Portions of Present Structure (timber header) | 1.000 | 2,500.00000 | 15,000.00000 CY | 2,500.00 | 15,000.00 | 600.00% | 12,500.00 |
| 0065 | 202-00504 Removal of Expansion Device | 174.000 | 250.00000 | 170.00000 LF | 43,500.00 | 29,580.00 | 68.00% | -13,920.00 |
| 0070 | 202-01180 Removal of Median Barrier | 238.000 | 25.00000 | 50.00000 LF | 5,950.00 | 11,900.00 | 200.00% | 5,950.00 |
| 0075 | 202-04002 Clean Culvert | 1.000 | 1,000.00000 | 5,000.00000 EACH | 1,000.00 | 5,000.00 | 500.00% | 4,000.00 |
| 0080 | 202-04050 Clean Expansion Joint | 212.000 | 20.00000 | 25.00000 LF | 4,240.00 | 5,300.00 | 125.00% | 1,060.00 |
| 0085 | 203-01515 Backhoe (Landscaping) | 7.000 | 180.00000 | 90.00000 HOUR | 1,260.00 | 630.00 | 50.00% | -630.00 |
| 0090 | 203-01555 Dozing (Landscaping) | 7.000 | 150.00000 | 200.00000 HOUR | 1,050.00 | 1,400.00 | 133.33% | 350.00 |
| 0095 | 203-01594 Combination Loader | 30.000 | 150.00000 | 130.00000 HOUR | 4,500.00 | 3,900.00 | 86.67% | -600.00 |
| 0100 | 203-01597 Potholing | 20.000 | 225.00000 | 170.00000 HOUR | 4,500.00 | 3,400.00 | 75.56% | -1,100.00 |
| 0105 | 203-02330 Laborer | 60.000 | 50.00000 | 50.00000 HOUR | 3,000.00 | 3,000.00 | 100.00% | 0.00 |
| 0110 | 206-00065 Structure Backfill (Flow-Fill) | 64.000 | 250.00000 | 600.00000 CY | 16,000.00 | 38,400.00 | 240.00% | 22,400.00 |
| 0115 | 206-00100 Structure Backfill (Class 1) | 13.000 | 60.00000 | 200.00000 CY | 780.00 | 2,600.00 | 333.33% | 1,820.00 |

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|-----------------|---|-----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0120 | 208-00002 Erosion Log Type 1 (12 Inch) | 480.000 | 5.00000 | 6.00000 LF | 2,400.00 | 2,880.00 | 120.00% | 480.00 |
| 0125 | 208-00020 Silt Fence | 100.000 | 3.50000 | 3.00000 LF | 350.00 | 300.00 | 85.71% | -50.00 |
| 0130 | 208-00035 Aggregate Bag | 430.000 | 8.00000 | 15.00000 LF | 3,440.00 | 6,450.00 | 187.50% | 3,010.00 |
| 0135 | 208-00046 Pre-fabricated Concrete Washout Structure (Type 1) | 2.000 | 2,400.00000 | 500.00000 EACH | 4,800.00 | 1,000.00 | 20.83% | -3,800.00 |
| 0140 | 208-00051 Storm Drain Inlet Protection (Type I) | 92.000 | 15.00000 | 15.00000 LF | 1,380.00 | 1,380.00 | 100.00% | 0.00 |
| 0145 | 208-00056 Storm Drain Inlet Protection (Type III) | 2.000 | 300.00000 | 150.00000 EACH | 600.00 | 300.00 | 50.00% | -300.00 |
| 0150 | 208-00070 Vehicle Tracking Pad | 3.000 | 2,500.00000 | 3,000.00000 EACH | 7,500.00 | 9,000.00 | 120.00% | 1,500.00 |
| 0155 | 208-00103 Removal and Disposal of Sediment (Labor) | 20.000 | 60.00000 | 40.00000 HOUR | 1,200.00 | 800.00 | 66.67% | -400.00 |
| 0160 | 208-00105 Removal and Disposal of Sediment (Equipment) | 20.000 | 140.00000 | 125.00000 HOUR | 2,800.00 | 2,500.00 | 89.29% | -300.00 |
| 0165 | 208-00106 Sweeping (Sediment Removal) | 60.000 | 150.00000 | 200.00000 HOUR | 9,000.00 | 12,000.00 | 133.33% | 3,000.00 |
| 0170 | 208-00107 Removal of Trash | 60.000 | 60.00000 | 100.00000 HOUR | 3,600.00 | 6,000.00 | 166.67% | 2,400.00 |
| 0175 | 210-00425 Reset Bridge Railing | 40.000 | 60.00000 | 150.00000 LF | 2,400.00 | 6,000.00 | 250.00% | 3,600.00 |

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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 | | | | | | |
| 0180 | 210-01000 Reset Fence | 30.000 | 40.00000 | 50.00000 LF | 1,200.00 | 1,500.00 | 125.00% | 300.00 |
| 0185 | 210-01130 Reset Guardrail Type 3 | 37.500 | 50.00000 | 110.00000 LF | 1,875.00 | 4,125.00 | 220.00% | 2,250.00 |
| 0190 | 210-01180 Reset Guardrail (Special) 3G Transition Reset | 50.000 | 60.00000 | 180.00000 LF | 3,000.00 | 9,000.00 | 300.00% | 6,000.00 |
| 0195 | 210-04025 Modify Structure | 1.000 | 6,000.00000 | 5,000.00000 EACH | 6,000.00 | 5,000.00 | 83.33% | -1,000.00 |
| 0200 | 212-00006 Seeding (Native) | 0.300 | 3,000.00000 | 10,000.00000 ACRE | 900.00 | 3,000.00 | 333.33% | 2,100.00 |
| 0205 | 212-00032 Soil Conditioning | 0.300 | 6,000.00000 | 9,000.00000 ACRE | 1,800.00 | 2,700.00 | 150.00% | 900.00 |
| 0210 | 213-00003 Mulching (Weed Free) | 0.300 | 3,000.00000 | 6,000.00000 ACRE | 900.00 | 1,800.00 | 200.00% | 900.00 |
| 0215 | 213-00061 Mulch Tackifier | 60.000 | 4.00000 | 10.00000 LB | 240.00 | 600.00 | 250.00% | 360.00 |
| 0220 | 214-01015 Willow Cuttings | 15.000 | 4.00000 | 30.00000 EACH | 60.00 | 450.00 | 750.00% | 390.00 |
| 0225 | 216-00101 Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1) | 100.000 | 25.00000 | 10.00000 SY | 2,500.00 | 1,000.00 | 40.00% | -1,500.00 |
| 0230 | 240-00000 Wildlife Biologist | 45.000 | 120.00000 | 135.00000 HOUR | 5,400.00 | 6,075.00 | 112.50% | 675.00 |
| 0235 | 240-00010 Removal of Nests | 56.000 | 85.00000 | 120.00000 HOUR | 4,760.00 | 6,720.00 | 141.18% | 1,960.00 |

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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 | | | | | | |
| 0240 | 250-00110 Health and Safety Officer | 60.000 | 110.00000 | 100.00000 HOUR | 6,600.00 | 6,000.00 | 90.91% | -600.00 |
| 0245 | 403-00720 Hot Mix Asphalt (Patching) (Asphalt) | 360.000 | 300.00000 | 550.00000 TON | 108,000.00 | 198,000.00 | 183.33% | 90,000.00 |
| 0250 | 408-01100 Joint Sealant | 113.000 | 30.00000 | 100.00000 LF | 3,390.00 | 11,300.00 | 333.33% | 7,910.00 |
| 0255 | 412-01020 Concrete Pavement (10 Inch) (Fast Track) | 628.000 | 90.00000 | 200.00000 SY | 56,520.00 | 125,600.00 | 222.22% | 69,080.00 |
| 0260 | 420-00102 Geotextile (Erosion Control) (Class 1) | 60.000 | 8.00000 | 5.00000 SY | 480.00 | 300.00 | 62.50% | -180.00 |
| 0265 | 420-00510 Geotextile (Crack Reduction) (High Density) | 285.000 | 20.00000 | 10.00000 SY | 5,700.00 | 2,850.00 | 50.00% | -2,850.00 |
| 0270 | 506-00206 Riprap (6 Inch) | 56.000 | 150.00000 | 150.00000 CY | 8,400.00 | 8,400.00 | 100.00% | 0.00 |
| 0275 | 509-00001 Structural Steel (Galvanized) | 720.000 | 10.00000 | 8.00000 LB | 7,200.00 | 5,760.00 | 80.00% | -1,440.00 |
| 0280 | 515-00120 Waterproofing (Membrane) | 2,229.000 | 17.00000 | 35.00000 SY | 37,893.00 | 78,015.00 | 205.88% | 40,122.00 |
| 0285 | 515-00400 Concrete Sealer | 556.000 | 20.00000 | 30.00000 SY | 11,120.00 | 16,680.00 | 150.00% | 5,560.00 |
| 0290 | 518-00000 Bridge Compression Joint Sealer | 48.000 | 200.00000 | 150.00000 LF | 9,600.00 | 7,200.00 | 75.00% | -2,400.00 |
| 0295 | 518-01004 Bridge Expansion Device (0-4 Inch) | 126.000 | 300.00000 | 400.00000 LF | 37,800.00 | 50,400.00 | 133.33% | 12,600.00 |

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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 | | | | | | |
| 0300 | 518-01050 Bridge Expansion Device (Special) | 128.000 | 400.00000 | 450.00000 LF | 51,200.00 | 57,600.00 | 112.50% | 6,400.00 |
| 0305 | 518-03000 Sawing and Sealing Bridge Joint | 212.000 | 25.00000 | 80.00000 LF | 5,300.00 | 16,960.00 | 320.00% | 11,660.00 |
| 0310 | 519-03035 Place Thin Bonded Overlay (Polyester Concrete) | 1,631.000 | 70.00000 | 175.00000 SY | 114,170.00 | 285,425.00 | 250.00% | 171,255.00 |
| 0315 | 519-03055 Furnish Thin Bonded Overlay (Polyester Concrete) | 1,156.000 | 130.00000 | 197.00000 CF | 150,280.00 | 227,732.00 | 151.54% | 77,452.00 |
| 0320 | 601-03040 Concrete Class D (Bridge) | 102.000 | 1,000.00000 | 1,500.00000 CY | 102,000.00 | 153,000.00 | 150.00% | 51,000.00 |
| 0325 | 601-03057 Concrete Class DR | 22.000 | 4,000.00000 | 1,500.00000 CY | 88,000.00 | 33,000.00 | 37.50% | -55,000.00 |
| 0330 | 601-51005 Galvanic Anodes | 225.000 | 45.00000 | 25.00000 EACH | 10,125.00 | 5,625.00 | 55.56% | -4,500.00 |
| 0335 | 602-00000 Reinforcing Steel | 265.000 | 4.00000 | 2.00000 LB | 1,060.00 | 530.00 | 50.00% | -530.00 |
| 0340 | 602-00020 Reinforcing Steel (Epoxy Coated) | 19,190.000 | 2.50000 | 2.00000 LB | 47,975.00 | 38,380.00 | 80.00% | -9,595.00 |
| 0345 | 603-01155 15 Inch Reinforced Concrete Pipe (Complete In Place) | 200.000 | 100.00000 | 150.00000 LF | 20,000.00 | 30,000.00 | 150.00% | 10,000.00 |
| 0350 | 604-25005 Vane Grate Inlet (5 Foot) | 1.000 | 5,000.00000 | 10,000.00000 EACH | 5,000.00 | 10,000.00 | 200.00% | 5,000.00 |

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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 | | | | | | |
| 0355 | 606-00910 Guardrail Type 9 (Style CA) | 238.000 | 170.00000 | 200.00000 LF | 40,460.00 | 47,600.00 | 117.65% | 7,140.00 |
| 0360 | 607-11525 Fence (Plastic) | 470.000 | 3.00000 | 10.00000 LF | 1,410.00 | 4,700.00 | 333.33% | 3,290.00 |
| 0365 | 608-00000 Concrete Sidewalk | 5.000 | 130.00000 | 150.00000 SY | 650.00 | 750.00 | 115.38% | 100.00 |
| 0370 | 609-21900 Curb and Gutter Type 2 (Special) | 12.000 | 50.00000 | 60.00000 LF | 600.00 | 720.00 | 120.00% | 120.00 |
| 0375 | 620-00020 Sanitary Facility | 2.000 | 2,500.00000 | 2,000.00000 EACH | 5,000.00 | 4,000.00 | 80.00% | -1,000.00 |
| 0380 | 625-00000 Construction Surveying | 1.000 | 30,000.00000 | 40,000.00000 L S | 30,000.00 | 40,000.00 | 133.33% | 10,000.00 |
| 0385 | 626-00000 Mobilization | 1.000 | 200,000.00000 | 250,000.00000 L S | 200,000.00 | 250,000.00 | 125.00% | 50,000.00 |
| 0390 | 626-01104 Public Information Services (Tier IV) | 1.000 | 12,000.00000 | 20,000.00000 L S | 12,000.00 | 20,000.00 | 166.67% | 8,000.00 |
| 0395 | 627-00013 Pavement Marking Paint (High Build) | 129.000 | 110.00000 | 50.00000 GAL | 14,190.00 | 6,450.00 | 45.45% | -7,740.00 |
| 0400 | 627-00032 Raised Flexible Pavement Marker (Temporary) | 65.000 | 20.00000 | 10.00000 EACH | 1,300.00 | 650.00 | 50.00% | -650.00 |
| 0405 | 627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol) | 45.000 | 25.00000 | 35.00000 SF | 1,125.00 | 1,575.00 | 140.00% | 450.00 |

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|-----------------|--|-----------|-----------------|----------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0410 | 627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) | 126.000 | 20.00000 | 30.00000 SF | 2,520.00 | 3,780.00 | 150.00% | 1,260.00 |
| 0415 | 630-00000 Flagging | 3,776.000 | 27.00000 | 30.00000 HOUR | 101,952.00 | 113,280.00 | 111.11% | 11,328.00 |
| 0420 | 630-00007 Traffic Control Inspection | 65.000 | 160.00000 | 150.00000 DAY | 10,400.00 | 9,750.00 | 93.75% | -650.00 |
| 0425 | 630-00012 Traffic Control Management | 155.000 | 800.00000 | 1,000.00000 DAY | 124,000.00 | 155,000.00 | 125.00% | 31,000.00 |
| 0430 | 630-80335 Barricade (Type 3 M-A) (Temporary) | 12.000 | 360.00000 | 100.00000 EACH | 4,320.00 | 1,200.00 | 27.78% | -3,120.00 |
| 0435 | 630-80341 Construction Traffic Sign (Panel Size A) | 25.000 | 50.00000 | 50.00000 EACH | 1,250.00 | 1,250.00 | 100.00% | 0.00 |
| 0440 | 630-80342 Construction Traffic Sign (Panel Size B) | 102.000 | 60.00000 | 50.00000 EACH | 6,120.00 | 5,100.00 | 83.33% | -1,020.00 |
| 0445 | 630-80343 Construction Traffic Sign (Panel Size C) | 10.000 | 65.00000 | 60.00000 EACH | 650.00 | 600.00 | 92.31% | -50.00 |
| 0450 | 630-80344 Construction Traffic Sign (Special) | 72.000 | 30.00000 | 60.00000 SF | 2,160.00 | 4,320.00 | 200.00% | 2,160.00 |
| 0455 | 630-80350 Vertical Panel | 75.000 | 30.00000 | 50.00000 EACH | 2,250.00 | 3,750.00 | 166.67% | 1,500.00 |
| 0460 | 630-80355 Portable Message Sign Panel | 2.000 | 11,000.00000 | 10,000.00000 EACH | 22,000.00 | 20,000.00 | 90.91% | -2,000.00 |

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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 | | | | | | |
| 0465 | 630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 6.000 | 1,500.00000 | 4,000.00000 EACH | 9,000.00 | 24,000.00 | 266.67% | 15,000.00 |
| 0470 | 630-80360 Drum Channelizing Device | 60.000 | 24.00000 | 50.00000 EACH | 1,440.00 | 3,000.00 | 208.33% | 1,560.00 |
| 0475 | 630-80364 Drum Channelizing Device (With Light) (Steady Burn) | 20.000 | 30.00000 | 55.00000 EACH | 600.00 | 1,100.00 | 183.33% | 500.00 |
| 0480 | 630-80370 Concrete Barrier (Temporary) | 1,390.000 | 40.00000 | 100.00000 LF | 55,600.00 | 139,000.00 | 250.00% | 83,400.00 |
| 0485 | 630-80380 Traffic Cone | 40.000 | 7.00000 | 20.00000 EACH | 280.00 | 800.00 | 285.71% | 520.00 |
| 0490 | 630-85006 Impact Attenuator (Sand Filled Plastic Barrel) (Temporary) | 4.000 | 6,000.00000 | 3,000.00000 EACH | 24,000.00 | 12,000.00 | 50.00% | -12,000.00 |
| 0495 | 630-86810 Traffic Signal (Temporary) | 3.000 | 16,000.00000 | 6,000.00000 EACH | 48,000.00 | 18,000.00 | 37.50% | -30,000.00 |
| Section 0001 Subtotal | | | | | \$1,961,295.00 | \$2,647,688.00 | 135.00% | \$686,393.00 |
| Contract Total for Calculated Low Bidders Bid Items | | | | | \$1,961,295.00 | \$2,647,688.00 | 135.00% | \$686,393.00 |