

Colorado Department Of Transportation

Printed On: 04/30/2018

Low Bid Summary

Page 1 of 1

Letting Date: April 05, 2018

| Call Order | Contract ID | Project(s) | # of Bids | Low Bidder | Estimated Cost | Corrected Bid | Percent of Estimate | Overrun (+) Underrun (-) |
|----------------|-------------|--------------|-----------|-------------------------------------|----------------|---------------|---------------------|-----------------------------|
| 004 | C22027 | NHPP072A-042 | 3 | INTERFACE COMMUNICATIONS COMPANY | \$335,370.00 | \$307,077.48 | 91.56% | -\$28,292.52 |
| Letting Totals | | | 3 | | \$335,370.00 | \$307,077.48 | 91.56% | -\$28,292.52 |

Colorado Department Of Transportation

Printed On: 04/30/2018

Vendor Ranking

Page 1 of 1

Letting No: 20180405
 Letting Date: April 05, 2018
 Letting Time: 10:00 AM

Contract ID: C22027
 Region: 1
 Contract Time: 40 WORKING DAYS

Project(s): NHPP072A-042
 Counties: JEFFERSON

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Rank | Vendor ID | Vendor Name | Total Bid | Percent Of Low Bid | Percent Of Estimate |
|------|-----------|----------------------------------|--------------|--------------------|---------------------|
| 1 | 1231A | INTERFACE COMMUNICATIONS COMPANY | \$307,077.48 | 100.00% | 91.56% |
| 2 | 697A | W.L. CONTRACTORS, INC. | \$308,725.00 | 100.54% | 92.06% |
| 3 | 720A | STURGEON ELECTRIC COMPANY, INC. | \$335,335.00 | 109.20% | 99.99% |
| 0 | -EST- | Engineer's Estimate | \$335,370.00 | 109.21% | 100.00% |

Tabulation of Bids

Letting No: 20180405
 Letting Date: April 05, 2018
 Letting Time: 10:00 AM

Contract ID: C22027
 Region: 1

Counties: JEFFERSON

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1231A INTERFACE COMMUNICATIONS | | (2) 697A W.L. CONTRACTORS, INC. | |
|-----------------|--|-------------|----------------------------------|----------|--|-------------|---------------------------------------|----------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 BID ITEMS | | | | | LCC: | | |
| 202-00828 | Removal of Traffic Signal Equipment | 1.000 L S | 5,000.00000 | 5,000.00 | 6,586.00000 | 6,586.00 | 3,965.00000 | 3,965.00 |
| 203-01597 | Potholing | 40.000 HOUR | 225.00000 | 9,000.00 | 158.00000 | 6,320.00 | 215.00000 | 8,600.00 |
| 208-00035 | Aggregate Bag | 100.000 LF | 8.00000 | 800.00 | 11.00000 | 1,100.00 | 22.00000 | 2,200.00 |
| 208-00045 | Concrete Washout Structure | 1.000 EACH | 750.00000 | 750.00 | 365.00000 | 365.00 | 400.00000 | 400.00 |
| 208-00103 | Removal and Disposal of Sediment (Labor) | 5.000 HOUR | 50.00000 | 250.00 | 36.00000 | 180.00 | 70.00000 | 350.00 |
| 208-00105 | Removal and Disposal of Sediment (Equipment) | 5.000 HOUR | 89.00000 | 445.00 | 70.00000 | 350.00 | 270.00000 | 1,350.00 |
| 208-00106 | Sweeping (Sediment Removal) | 20.000 HOUR | 150.00000 | 3,000.00 | 77.00000 | 1,540.00 | 130.00000 | 2,600.00 |
| 210-00479 | Reset Radio Communication Antenna | 1.000 EACH | 750.00000 | 750.00 | 673.00000 | 673.00 | 385.00000 | 385.00 |
| 210-00815 | Reset Sign Panel | 3.000 EACH | 30.00000 | 90.00 | 197.00000 | 591.00 | 51.00000 | 153.00 |
| 210-00866 | Reset Fire Preemption Unit and Timer | 2.000 EACH | 3,500.00000 | 7,000.00 | 380.00000 | 760.00 | 385.00000 | 770.00 |
| 250-00010 | Environmental Health and Safety Management | 1.000 L S | 2,000.00000 | 2,000.00 | 4,520.00000 | 4,520.00 | 3,765.00000 | 3,765.00 |
| 250-00050 | Monitoring Technician | 4.000 HOUR | 120.00000 | 480.00 | 83.00000 | 332.00 | 85.00000 | 340.00 |
| 250-00110 | Health and Safety Officer | 2.000 HOUR | 250.00000 | 500.00 | 95.00000 | 190.00 | 98.00000 | 196.00 |
| 503-00018 | Drilled Caisson (18 Inch) | 5.000 LF | 300.00000 | 1,500.00 | 97.00000 | 485.00 | 152.00000 | 760.00 |

Tabulation of Bids

Letting No: 20180405
 Letting Date: April 05, 2018
 Letting Time: 10:00 AM

Contract ID: C22027
 Region: 1

Counties: JEFFERSON

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1231A INTERFACE COMMUNICATIONS COMPANY | | (2) 697A W.L. CONTRACTORS, INC. | |
|-----------------|--|------------|----------------------------------|-----------|---|-------------|---------------------------------------|-----------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 BID ITEMS | | | | | | | |
| | | | | | | LCC: | | |
| 503-00036 | Drilled Caisson (36 Inch) | 19.000 LF | 350.00000 | 6,650.00 | 350.00000 | 6,650.00 | 275.00000 | 5,225.00 |
| 503-00048 | Drilled Caisson (48 Inch) | 21.000 LF | 650.00000 | 13,650.00 | 455.00000 | 9,555.00 | 425.00000 | 8,925.00 |
| 608-00000 | Concrete Sidewalk | 10.000 SY | 75.00000 | 750.00 | 295.00000 | 2,950.00 | 305.00000 | 3,050.00 |
| 610-00020 | Median Cover Material (Patterned Concrete) | 20.000 SF | 20.00000 | 400.00 | 129.00000 | 2,580.00 | 132.00000 | 2,640.00 |
| 613-00206 | 2 Inch Electrical Conduit (Bored) | 450.000 LF | 25.00000 | 11,250.00 | 23.00000 | 10,350.00 | 20.00000 | 9,000.00 |
| 613-00306 | 3 Inch Electrical Conduit (Bored) | 850.000 LF | 30.00000 | 25,500.00 | 25.00000 | 21,250.00 | 24.00000 | 20,400.00 |
| 613-07004 | Type Four Pull Box | 3.000 EACH | 1,200.00000 | 3,600.00 | 993.00000 | 2,979.00 | 885.00000 | 2,655.00 |
| 613-07005 | Type Five Pull Box | 1.000 EACH | 1,500.00000 | 1,500.00 | 1,254.00000 | 1,254.00 | 1,205.00000 | 1,205.00 |
| 613-10000 | Wiring | 1.000 L S | 10,000.00000 | 10,000.00 | 6,122.00000 | 6,122.00 | 4,675.00000 | 4,675.00 |
| 613-13000 | Luminaire (LED) | 2.000 EACH | 950.00000 | 1,900.00 | 670.00000 | 1,340.00 | 935.00000 | 1,870.00 |
| 613-80130 | Service Meter Cabinet | 2.000 EACH | 5,000.00000 | 10,000.00 | 2,581.00000 | 5,162.00 | 4,475.00000 | 8,950.00 |
| 614-00011 | Sign Panel (Class I) | 2.000 SF | 20.00000 | 40.00 | 272.00000 | 544.00 | 34.00000 | 68.00 |
| 614-00012 | Sign Panel (Class II) | 36.000 SF | 25.00000 | 900.00 | 1.18000 | 42.48 | 24.00000 | 864.00 |

Tabulation of Bids

Letting No: 20180405
 Letting Date: April 05, 2018
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Contract ID: C22027
 Region: 1

Counties: JEFFERSON

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1231A INTERFACE COMMUNICATIONS COMPANY | | (2) 697A W.L. CONTRACTORS, INC. | |
|-----------------|--|-------------|----------------------------------|-----------|---|-------------|---------------------------------------|-----------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | | |
| | | | | | | LCC: | | |
| 614-70150 | Pedestrian Signal Face (16) (Countdown) | 2.000 EACH | 750.00000 | 1,500.00 | 456.00000 | 912.00 | 530.00000 | 1,060.00 |
| 614-70336 | Traffic Signal Face (12-12-12) | 12.000 EACH | 925.00000 | 11,100.00 | 574.00000 | 6,888.00 | 645.00000 | 7,740.00 |
| 614-72887 | Microwave Vehicle Radar Detector | 4.000 EACH | 9,000.00000 | 36,000.00 | 7,621.00000 | 30,484.00 | 7,865.00000 | 31,460.00 |
| 614-81130 | Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm) | 1.000 EACH | 24,000.00000 | 24,000.00 | 19,333.00000 | 19,333.00 | 15,275.00000 | 15,275.00 |
| 614-82020 | Traffic Signal Pole Steel (2 Mast Arm) | 1.000 EACH | 40,000.00000 | 40,000.00 | 42,628.00000 | 42,628.00 | 38,050.00000 | 38,050.00 |
| 614-84000 | Traffic Signal Pedestal Pole Steel | 1.000 EACH | 2,500.00000 | 2,500.00 | 2,757.00000 | 2,757.00 | 2,820.00000 | 2,820.00 |
| 614-86248 | Traffic Signal Controller (Type 2070LC) | 1.000 EACH | 15,000.00000 | 15,000.00 | 27,771.00000 | 27,771.00 | 33,650.00000 | 33,650.00 |
| 614-87320 | Closed Circuit Television | 1.000 EACH | 5,500.00000 | 5,500.00 | 3,603.00000 | 3,603.00 | 6,125.00000 | 6,125.00 |
| 614-87690 | Ethernet Switch | 1.000 EACH | 10,000.00000 | 10,000.00 | 4,002.00000 | 4,002.00 | 3,050.00000 | 3,050.00 |
| 620-00020 | Sanitary Facility | 1.000 EACH | 1,500.00000 | 1,500.00 | 530.00000 | 530.00 | 190.00000 | 190.00 |
| 626-00000 | Mobilization | 1.000 L S | 2,000.00000 | 2,000.00 | 20,602.00000 | 20,602.00 | 16,455.00000 | 16,455.00 |
| 630-00000 | Flagging | 40.000 HOUR | 28.00000 | 1,120.00 | 79.45000 | 3,178.00 | 25.00000 | 1,000.00 |
| 630-00003 | Uniformed Traffic Control | 24.000 HOUR | 100.00000 | 2,400.00 | 83.00000 | 1,992.00 | 80.00000 | 1,920.00 |

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Counties: JEFFERSON

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1231A INTERFACE COMMUNICATIONS COMPANY | | (2) 697A W.L. CONTRACTORS, INC. | |
|------------------------------|---|-------------|----------------------------------|---------------------|---|---------------------|---------------------------------------|---------------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 BID ITEMS | | | | | LCC: | | |
| 630-00007 | Traffic Control Inspection | 14.000 DAY | 225.00000 | 3,150.00 | 177.00000 | 2,478.00 | 150.00000 | 2,100.00 |
| 630-00012 | Traffic Control Management | 40.000 DAY | 950.00000 | 38,000.00 | 633.00000 | 25,320.00 | 825.00000 | 33,000.00 |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 17.000 EACH | 55.00000 | 935.00 | 36.00000 | 612.00 | 12.00000 | 204.00 |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 16.000 EACH | 85.00000 | 1,360.00 | 48.00000 | 768.00 | 55.00000 | 880.00 |
| 630-80356 | Advance Warning Flashing or Sequencing Arrow Panel (A Type) | 1.000 EACH | 600.00000 | 600.00 | 4,759.00000 | 4,759.00 | 485.00000 | 485.00 |
| 630-80360 | Drum Channelizing Device | 25.000 EACH | 30.00000 | 750.00 | 24.00000 | 600.00 | 24.00000 | 600.00 |
| 630-80380 | Traffic Cone | 25.000 EACH | 10.00000 | 250.00 | 18.00000 | 450.00 | 12.00000 | 300.00 |
| 630-85041 | Mobile Attenuator | 40.000 DAY | 500.00000 | 20,000.00 | 316.00000 | 12,640.00 | 425.00000 | 17,000.00 |
| Section Totals: | | | | \$335,370.00 | | \$307,077.48 | | \$308,725.00 |
| Contract Grand Totals | | | | \$335,370.00 | | \$307,077.48 | | \$308,725.00 |

Tabulation of Bids

Letting No: 20180405
 Letting Date: April 05, 2018
 Letting Time: 10:00 AM

Contract ID: C22027
 Region: 1

Counties: JEFFERSON

| | | | | (3) 720A STURGEON ELECTRIC COMPANY, INC | | | | | |
|-----------------|--|-----------|------|---|-----------|------------|-------------|------------|--------|
| Item Code | Description | Quantity | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | LCC: | | |
| 202-00828 | Removal of Traffic Signal Equipment | 1.000 | L S | 3,260.00000 | 3,260.00 | | | | |
| 203-01597 | Potholing | 40.000 | HOUR | 250.00000 | 10,000.00 | | | | |
| 208-00035 | Aggregate Bag | 100.000 | LF | 22.00000 | 2,200.00 | | | | |
| 208-00045 | Concrete Washout Structure | 1.000 | EACH | 1,785.00000 | 1,785.00 | | | | |
| 208-00103 | Removal and Disposal of Sediment (Labor) | 5.000 | HOUR | 235.00000 | 1,175.00 | | | | |
| 208-00105 | Removal and Disposal of Sediment (Equipment) | 5.000 | HOUR | 370.00000 | 1,850.00 | | | | |
| 208-00106 | Sweeping (Sediment Removal) | 20.000 | HOUR | 170.00000 | 3,400.00 | | | | |
| 210-00479 | Reset Radio Communication Antenna | 1.000 | EACH | 1,065.00000 | 1,065.00 | | | | |
| 210-00815 | Reset Sign Panel | 3.000 | EACH | 190.00000 | 570.00 | | | | |
| 210-00866 | Reset Fire Preemption Unit and Timer | 2.000 | EACH | 755.00000 | 1,510.00 | | | | |
| 250-00010 | Environmental Health and Safety Management | 1.000 | L S | 3,542.00000 | 3,542.00 | | | | |
| 250-00050 | Monitoring Technician | 4.000 | HOUR | 115.00000 | 460.00 | | | | |
| 250-00110 | Health and Safety Officer | 2.000 | HOUR | 125.00000 | 250.00 | | | | |
| 503-00018 | Drilled Caisson (18 Inch) | 5.000 | LF | 250.00000 | 1,250.00 | | | | |

Tabulation of Bids

Letting No: 20180405
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Counties: JEFFERSON

| | | | | (3) 720A STURGEON ELECTRIC COMPANY, INC | | | | | |
|-----------------|--|-----------|------|---|-----------|------------|-------------|------------|--------|
| Item Code | Description | Quantity | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | LCC: | | |
| 503-00036 | Drilled Caisson (36 Inch) | 19.000 | LF | 505.00000 | 9,595.00 | | | | |
| 503-00048 | Drilled Caisson (48 Inch) | 21.000 | LF | 595.00000 | 12,495.00 | | | | |
| 608-00000 | Concrete Sidewalk | 10.000 | SY | 61.00000 | 610.00 | | | | |
| 610-00020 | Median Cover Material (Patterned Concrete) | 20.000 | SF | 30.00000 | 600.00 | | | | |
| 613-00206 | 2 Inch Electrical Conduit (Bored) | 450.000 | LF | 21.50000 | 9,675.00 | | | | |
| 613-00306 | 3 Inch Electrical Conduit (Bored) | 850.000 | LF | 25.50000 | 21,675.00 | | | | |
| 613-07004 | Type Four Pull Box | 3.000 | EACH | 1,090.00000 | 3,270.00 | | | | |
| 613-07005 | Type Five Pull Box | 1.000 | EACH | 1,450.00000 | 1,450.00 | | | | |
| 613-10000 | Wiring | 1.000 | L S | 8,390.00000 | 8,390.00 | | | | |
| 613-13000 | Luminaire (LED) | 2.000 | EACH | 1,070.00000 | 2,140.00 | | | | |
| 613-80130 | Service Meter Cabinet | 2.000 | EACH | 5,945.00000 | 11,890.00 | | | | |
| 614-00011 | Sign Panel (Class I) | 2.000 | SF | 9.00000 | 18.00 | | | | |
| 614-00012 | Sign Panel (Class II) | 36.000 | SF | 35.00000 | 1,260.00 | | | | |
| 614-70150 | Pedestrian Signal Face (16) (Countdown) | 2.000 | EACH | 630.00000 | 1,260.00 | | | | |

Tabulation of Bids

Letting No: 20180405
 Letting Date: April 05, 2018
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Contract ID: C22027
 Region: 1

Counties: JEFFERSON

| | | | (3) 720A STURGEON ELECTRIC COMPANY, INC | | | | | |
|-----------------|--|-------------|---|-----------|------------|-------------|------------|--------|
| Item Code | Description | Quantity | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | LCC: | | |
| 614-70336 | Traffic Signal Face (12-12-12) | 12.000 EACH | 940.00000 | 11,280.00 | | | | |
| 614-72887 | Microwave Vehicle Radar Detector | 4.000 EACH | 7,295.00000 | 29,180.00 | | | | |
| 614-81130 | Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm) | 1.000 EACH | 16,255.00000 | 16,255.00 | | | | |
| 614-82020 | Traffic Signal Pole Steel (2 Mast Arm) | 1.000 EACH | 38,835.00000 | 38,835.00 | | | | |
| 614-84000 | Traffic Signal Pedestal Pole Steel | 1.000 EACH | 2,940.00000 | 2,940.00 | | | | |
| 614-86248 | Traffic Signal Controller (Type 2070LC) | 1.000 EACH | 32,665.00000 | 32,665.00 | | | | |
| 614-87320 | Closed Circuit Television | 1.000 EACH | 4,740.00000 | 4,740.00 | | | | |
| 614-87690 | Ethernet Switch | 1.000 EACH | 3,300.00000 | 3,300.00 | | | | |
| 620-00020 | Sanitary Facility | 1.000 EACH | 1,210.00000 | 1,210.00 | | | | |
| 626-00000 | Mobilization | 1.000 L S | 21,500.00000 | 21,500.00 | | | | |
| 630-00000 | Flagging | 40.000 HOUR | 22.00000 | 880.00 | | | | |
| 630-00003 | Uniformed Traffic Control | 24.000 HOUR | 110.00000 | 2,640.00 | | | | |
| 630-00007 | Traffic Control Inspection | 14.000 DAY | 135.00000 | 1,890.00 | | | | |
| 630-00012 | Traffic Control Management | 40.000 DAY | 865.00000 | 34,600.00 | | | | |

Tabulation of Bids

Letting No: 20180405
 Letting Date: April 05, 2018
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Contract ID: C22027
 Region: 1

Counties: JEFFERSON

| | | | | (3) 720A STURGEON ELECTRIC COMPANY, INC | | | | | |
|------------------------------|---|-------------|--|---|-----------|---------------------|-------------|------------|--------|
| Item Code | Description | Quantity | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 | BID ITEMS | | | | | LCC: | | |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 17.000 EACH | | 11.00000 | 187.00 | | | | |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 16.000 EACH | | 48.00000 | 768.00 | | | | |
| 630-80356 | Advance Warning Flashing or Sequencing Arrow Panel (A Type) | 1.000 EACH | | 420.00000 | 420.00 | | | | |
| 630-80360 | Drum Channelizing Device | 25.000 EACH | | 21.00000 | 525.00 | | | | |
| 630-80380 | Traffic Cone | 25.000 EACH | | 11.00000 | 275.00 | | | | |
| 630-85041 | Mobile Attenuator | 40.000 DAY | | 365.00000 | 14,600.00 | | | | |
| Section Totals: | | | | | | \$335,335.00 | | | |
| Contract Grand Totals | | | | | | \$335,335.00 | | | |

Colorado Department Of Transportation

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Low Bid Item Analysis

Page 1 of 7

Letting No: 20180405
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 Letting Time: 10:00 AM

Contract ID: C22027
 Region: 1
 Contract Time: 40 WORKING DAYS

Counties: JEFFERSON
 Project(s): NHPP072A-042

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|--------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0005 | 202-00828 Removal of Traffic Signal Equipment | 1.000 | 5,000.00000 | 6,586.00000 L S | 5,000.00 | 6,586.00 | 131.72% | 1,586.00 |
| 0010 | 203-01597 Potholing | 40.000 | 225.00000 | 158.00000 HOUR | 9,000.00 | 6,320.00 | 70.22% | -2,680.00 |
| 0015 | 208-00035 Aggregate Bag | 100.000 | 8.00000 | 11.00000 LF | 800.00 | 1,100.00 | 137.50% | 300.00 |
| 0020 | 208-00045 Concrete Washout Structure | 1.000 | 750.00000 | 365.00000 EACH | 750.00 | 365.00 | 48.67% | -385.00 |
| 0025 | 208-00103 Removal and Disposal of Sediment (Labor) | 5.000 | 50.00000 | 36.00000 HOUR | 250.00 | 180.00 | 72.00% | -70.00 |
| 0030 | 208-00105 Removal and Disposal of Sediment (Equipment) | 5.000 | 89.00000 | 70.00000 HOUR | 445.00 | 350.00 | 78.65% | -95.00 |
| 0035 | 208-00106 Sweeping (Sediment Removal) | 20.000 | 150.00000 | 77.00000 HOUR | 3,000.00 | 1,540.00 | 51.33% | -1,460.00 |
| 0040 | 210-00479 Reset Radio Communication Antenna | 1.000 | 750.00000 | 673.00000 EACH | 750.00 | 673.00 | 89.73% | -77.00 |

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Low Bid Item Analysis

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Letting No: 20180405
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Counties: JEFFERSON
 Project(s): NHPP072A-042

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|--------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0045 | 210-00815 Reset Sign Panel | 3.000 | 30.00000 | 197.00000 EACH | 90.00 | 591.00 | 656.67% | 501.00 |
| 0050 | 210-00866 Reset Fire Preemption Unit and Timer | 2.000 | 3,500.00000 | 380.00000 EACH | 7,000.00 | 760.00 | 10.86% | -6,240.00 |
| 0055 | 250-00010 Environmental Health and Safety Management | 1.000 | 2,000.00000 | 4,520.00000 L S | 2,000.00 | 4,520.00 | 226.00% | 2,520.00 |
| 0060 | 250-00050 Monitoring Technician | 4.000 | 120.00000 | 83.00000 HOUR | 480.00 | 332.00 | 69.17% | -148.00 |
| 0065 | 250-00110 Health and Safety Officer | 2.000 | 250.00000 | 95.00000 HOUR | 500.00 | 190.00 | 38.00% | -310.00 |
| 0070 | 503-00018 Drilled Caisson (18 Inch) | 5.000 | 300.00000 | 97.00000 LF | 1,500.00 | 485.00 | 32.33% | -1,015.00 |
| 0075 | 503-00036 Drilled Caisson (36 Inch) | 19.000 | 350.00000 | 350.00000 LF | 6,650.00 | 6,650.00 | 100.00% | 0.00 |
| 0080 | 503-00048 Drilled Caisson (48 Inch) | 21.000 | 650.00000 | 455.00000 LF | 13,650.00 | 9,555.00 | 70.00% | -4,095.00 |

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Low Bid Item Analysis

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 Project(s): NHPP072A-042

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|---------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0085 | 608-00000 Concrete Sidewalk | 10.000 | 75.00000 | 295.00000 SY | 750.00 | 2,950.00 | 393.33% | 2,200.00 |
| 0090 | 610-00020 Median Cover Material (Patterned Concrete) | 20.000 | 20.00000 | 129.00000 SF | 400.00 | 2,580.00 | 645.00% | 2,180.00 |
| 0095 | 613-00206 2 Inch Electrical Conduit (Bored) | 450.000 | 25.00000 | 23.00000 LF | 11,250.00 | 10,350.00 | 92.00% | -900.00 |
| 0100 | 613-00306 3 Inch Electrical Conduit (Bored) | 850.000 | 30.00000 | 25.00000 LF | 25,500.00 | 21,250.00 | 83.33% | -4,250.00 |
| 0105 | 613-07004 Type Four Pull Box | 3.000 | 1,200.00000 | 993.00000 EACH | 3,600.00 | 2,979.00 | 82.75% | -621.00 |
| 0110 | 613-07005 Type Five Pull Box | 1.000 | 1,500.00000 | 1,254.00000 EACH | 1,500.00 | 1,254.00 | 83.60% | -246.00 |
| 0115 | 613-10000 Wiring | 1.000 | 10,000.00000 | 6,122.00000 L S | 10,000.00 | 6,122.00 | 61.22% | -3,878.00 |
| 0120 | 613-13000 Luminaire (LED) | 2.000 | 950.00000 | 670.00000 EACH | 1,900.00 | 1,340.00 | 70.53% | -560.00 |

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Low Bid Item Analysis

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Letting No: 20180405
 Letting Date: April 05, 2018
 Letting Time: 10:00 AM

Contract ID: C22027
 Region: 1
 Contract Time: 40 WORKING DAYS

Counties: JEFFERSON
 Project(s): NHPP072A-042

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|-----------|-----------------|----------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0125 | 613-80130 Service Meter Cabinet | 2.000 | 5,000.00000 | 2,581.00000 EACH | 10,000.00 | 5,162.00 | 51.62% | -4,838.00 |
| 0130 | 614-00011 Sign Panel (Class I) | 2.000 | 20.00000 | 272.00000 SF | 40.00 | 544.00 | 1360.00% | 504.00 |
| 0135 | 614-00012 Sign Panel (Class II) | 36.000 | 25.00000 | 1.18000 SF | 900.00 | 42.48 | 4.72% | -857.52 |
| 0140 | 614-70150 Pedestrian Signal Face (16) (Countdown) | 2.000 | 750.00000 | 456.00000 EACH | 1,500.00 | 912.00 | 60.80% | -588.00 |
| 0145 | 614-70336 Traffic Signal Face (12-12-12) | 12.000 | 925.00000 | 574.00000 EACH | 11,100.00 | 6,888.00 | 62.05% | -4,212.00 |
| 0150 | 614-72887 Microwave Vehicle Radar Detector | 4.000 | 9,000.00000 | 7,621.00000 EACH | 36,000.00 | 30,484.00 | 84.68% | -5,516.00 |
| 0155 | 614-81130 Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm) | 1.000 | 24,000.00000 | 19,333.00000 EACH | 24,000.00 | 19,333.00 | 80.55% | -4,667.00 |
| 0160 | 614-82020 Traffic Signal Pole Steel (2 Mast Arm) | 1.000 | 40,000.00000 | 42,628.00000 EACH | 40,000.00 | 42,628.00 | 106.57% | 2,628.00 |

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20180405
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Contract ID: C22027
 Region: 1
 Contract Time: 40 WORKING DAYS

Counties: JEFFERSON
 Project(s): NHPP072A-042

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) / Underrun (-) |
|-----------------|--|-----------|-----------------|----------------------|------------------|------------|-----------|----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0165 | 614-84000 Traffic Signal Pedestal Pole Steel | 1.000 | 2,500.00000 | 2,757.00000 EACH | 2,500.00 | 2,757.00 | 110.28% | 257.00 |
| 0170 | 614-86248 Traffic Signal Controller (Type 2070LC) | 1.000 | 15,000.00000 | 27,771.00000 EACH | 15,000.00 | 27,771.00 | 185.14% | 12,771.00 |
| 0175 | 614-87320 Closed Circuit Television | 1.000 | 5,500.00000 | 3,603.00000 EACH | 5,500.00 | 3,603.00 | 65.51% | -1,897.00 |
| 0180 | 614-87690 Ethernet Switch | 1.000 | 10,000.00000 | 4,002.00000 EACH | 10,000.00 | 4,002.00 | 40.02% | -5,998.00 |
| 0185 | 620-00020 Sanitary Facility | 1.000 | 1,500.00000 | 530.00000 EACH | 1,500.00 | 530.00 | 35.33% | -970.00 |
| 0190 | 626-00000 Mobilization | 1.000 | 2,000.00000 | 20,602.00000 L S | 2,000.00 | 20,602.00 | 1030.10% | 18,602.00 |
| 0195 | 630-00000 Flagging | 40.000 | 28.00000 | 79.45000 HOUR | 1,120.00 | 3,178.00 | 283.75% | 2,058.00 |
| 0200 | 630-00003 Uniformed Traffic Control | 24.000 | 100.00000 | 83.00000 HOUR | 2,400.00 | 1,992.00 | 83.00% | -408.00 |

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Low Bid Item Analysis

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Letting No: 20180405
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Contract ID: C22027
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Counties: JEFFERSON
 Project(s): NHPP072A-042

Contract Description:
 SH 72: 64TH AVE AT INDIANA ST

THIS PROJECT CONSISTS OF DRILLED CAISSONS, CONDUIT, TRAFFIC SIGNAL EQUIPMENT, CONCRETE SIDEWALK, TRAFFIC CONTROL, AND OTHER WORK TO REPLACE AND EXISTING TRAFFIC SIGNAL

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|--|-----------|-----------------|---------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | BID ITEMS | | | | | | |
| 0205 | 630-00007 Traffic Control Inspection | 14.000 | 225.00000 | 177.00000 DAY | 3,150.00 | 2,478.00 | 78.67% | -672.00 |
| 0210 | 630-00012 Traffic Control Management | 40.000 | 950.00000 | 633.00000 DAY | 38,000.00 | 25,320.00 | 66.63% | -12,680.00 |
| 0215 | 630-80341 Construction Traffic Sign (Panel Size A) | 17.000 | 55.00000 | 36.00000 EACH | 935.00 | 612.00 | 65.45% | -323.00 |
| 0220 | 630-80342 Construction Traffic Sign (Panel Size B) | 16.000 | 85.00000 | 48.00000 EACH | 1,360.00 | 768.00 | 56.47% | -592.00 |
| 0225 | 630-80356 Advance Warning Flashing or Sequencing Arrow Panel (A Type) | 1.000 | 600.00000 | 4,759.00000 EACH | 600.00 | 4,759.00 | 793.17% | 4,159.00 |
| 0230 | 630-80360 Drum Channelizing Device | 25.000 | 30.00000 | 24.00000 EACH | 750.00 | 600.00 | 80.00% | -150.00 |
| 0235 | 630-80380 Traffic Cone | 25.000 | 10.00000 | 18.00000 EACH | 250.00 | 450.00 | 180.00% | 200.00 |
| 0240 | 630-85041 Mobile Attenuator | 40.000 | 500.00000 | 316.00000 DAY | 20,000.00 | 12,640.00 | 63.20% | -7,360.00 |

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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 Subtotal | | | | | \$335,370.00 | \$307,077.48 | 91.56% | -\$28,292.52 |
| Contract Total for Calculated Low Bidders Bid Items | | | | | \$335,370.00 | \$307,077.48 | 91.56% | -\$28,292.52 |