

Colorado Department Of Transportation

Printed On: 01/26/2018

Low Bid Summary

Page 1 of 1

Letting Date: January 25, 2018

| Call Order | Contract ID | Project(s) | # of Bids | Low Bidder | Estimated Cost | Corrected Bid | Percent of Estimate | Overrun (+) Underrun (-) |
|----------------|-------------|--------------|-----------|-------------------|----------------|---------------|---------------------|-----------------------------|
| 001 | C20799 | NHPP5502-088 | 5 | MAIN ELECTRIC LTD | \$499,948.00 | \$673,129.18 | 134.64% | \$173,181.18 |
| Letting Totals | | | 5 | | \$499,948.00 | \$673,129.18 | 134.64% | \$173,181.18 |

Colorado Department Of Transportation

Printed On: 01/26/2018

Vendor Ranking

Page 1 of 1

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5
 Contract Time: 07/31/18 COMPLETION DATE

Project(s): NHPP5502-088
 Counties: OURAY

Contract Description:

Remove existing lighting from the US 550 Red Mtn Pass snow shed tunnel at MP 88.15.
 Replace with new LED lighting system.

| Rank | Vendor ID | Vendor Name | Total Bid | Percent Of Low Bid | Percent Of Estimate |
|------|-----------|----------------------------------|--------------|--------------------|---------------------|
| 0 | -EST- | Engineer's Estimate | \$499,948.00 | 74.27% | 100.00% |
| 1 | 178A | MAIN ELECTRIC LTD | \$673,129.18 | 100.00% | 134.64% |
| 2 | 1476A | MORTON ELECTRIC, INC. | \$680,797.00 | 101.14% | 136.17% |
| 3 | 1666A | Bixby Electric, Inc. | \$698,303.00 | 103.74% | 139.68% |
| 4 | 1231A | INTERFACE COMMUNICATIONS COMPANY | \$918,571.00 | 136.46% | 183.73% |
| 5 | 720A | STURGEON ELECTRIC COMPANY, INC. | \$996,425.45 | 148.03% | 199.31% |

Tabulation of Bids

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5

Counties: OURAY

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 178A MAIN ELECTRIC LTD | | (2) 1476A MORTON ELECTRIC, INC. | |
|-----------------|---|--------------|----------------------------------|------------|-------------------------------|------------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | LCC: | | | |
| 202-00725 | Removal of Existing Lighting System | 1.000 L S | 14,000.00000 | 14,000.00 | 12,567.00000 | 12,567.00 | 7,500.00000 | 7,500.00 |
| 208-00035 | Aggregate Bag | 30.000 LF | 10.00000 | 300.00 | 10.20000 | 306.00 | 10.00000 | 300.00 |
| 208-00106 | Sweeping (Sediment Removal) | 20.000 HOUR | 150.00000 | 3,000.00 | 120.75000 | 2,415.00 | 45.00000 | 900.00 |
| 601-40100 | Concrete Anchor (1/2 Inch) | 360.000 EACH | 10.00000 | 3,600.00 | 28.58000 | 10,288.80 | 15.00000 | 5,400.00 |
| 601-40100 | Concrete Anchor (3/8 Inch) | 84.000 EACH | 7.00000 | 588.00 | 22.85000 | 1,919.40 | 15.00000 | 1,260.00 |
| 613-00075 | 3/4 Inch Electrical Conduit | 140.000 LF | 5.00000 | 700.00 | 19.56000 | 2,738.40 | 50.00000 | 7,000.00 |
| 613-00250 | 2-1/2 Inch Electrical Conduit | 590.000 LF | 35.00000 | 20,650.00 | 34.36000 | 20,272.40 | 80.00000 | 47,200.00 |
| 613-07000 | Pull Box (Special) (16"x12"x4" NEMA 4 Junction Box) | 60.000 EACH | 400.00000 | 24,000.00 | 638.75000 | 38,325.00 | 200.00000 | 12,000.00 |
| 613-07000 | Pull Box (Special) (4"x4"x4" NEMA 4 Junction Box) | 14.000 EACH | 110.00000 | 1,540.00 | 283.50000 | 3,969.00 | 125.00000 | 1,750.00 |
| 613-10000 | Wiring | 1.000 L S | 25,500.00000 | 25,500.00 | 50,667.00000 | 50,667.00 | 40,037.00000 | 40,037.00 |
| 613-13000 | Luminaire (LED) (Tunnel)(120W) | 14.000 EACH | 1,400.00000 | 19,600.00 | 2,130.71000 | 29,829.94 | 2,125.00000 | 29,750.00 |
| 613-13000 | Luminaire (LED) (Tunnel)(359W) | 180.000 EACH | 1,500.00000 | 270,000.00 | 2,027.91000 | 365,023.80 | 2,275.00000 | 409,500.00 |
| 613-50325 | Tunnel Lighting Control System | 1.000 L S | 16,600.00000 | 16,600.00 | 16,630.00000 | 16,630.00 | 20,000.00000 | 20,000.00 |
| 626-00000 | Mobilization | 1.000 L S | 40,000.00000 | 40,000.00 | 61,169.00000 | 61,169.00 | 40,000.00000 | 40,000.00 |

Tabulation of Bids

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5

Counties: OURAY

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 178A MAIN ELECTRIC LTD | | (2) 1476A MORTON ELECTRIC, INC. | |
|------------------------------|--|--------------|----------------------------------|---------------------|-------------------------------|---------------------|---------------------------------------|---------------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | | | |
| | | | | | | LCC: | | |
| 626-01104 | Public Information Services (Tier IV) | 1.000 L S | 3,500.00000 | 3,500.00 | 3,263.00000 | 3,263.00 | 3,500.00000 | 3,500.00 |
| 630-00000 | Flagging | 800.000 HOUR | 25.00000 | 20,000.00 | 24.36000 | 19,488.00 | 25.00000 | 20,000.00 |
| 630-00012 | Traffic Control Management | 40.000 DAY | 650.00000 | 26,000.00 | 663.48000 | 26,539.20 | 650.00000 | 26,000.00 |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 14.000 EACH | 30.00000 | 420.00 | 60.86000 | 852.04 | 75.00000 | 1,050.00 |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 10.000 EACH | 35.00000 | 350.00 | 60.90000 | 609.00 | 85.00000 | 850.00 |
| 630-80355 | Portable Message Sign Panel | 2.000 EACH | 4,000.00000 | 8,000.00 | 2,434.50000 | 4,869.00 | 2,500.00000 | 5,000.00 |
| 630-80357 | Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 2.000 EACH | 500.00000 | 1,000.00 | 608.50000 | 1,217.00 | 550.00000 | 1,100.00 |
| 630-80360 | Drum Channelizing Device | 20.000 EACH | 20.00000 | 400.00 | 6.10000 | 122.00 | 25.00000 | 500.00 |
| 630-80380 | Traffic Cone | 40.000 EACH | 5.00000 | 200.00 | 1.23000 | 49.20 | 5.00000 | 200.00 |
| Section Totals: | | | | \$499,948.00 | | \$673,129.18 | | \$680,797.00 |
| Contract Grand Totals | | | | \$499,948.00 | | \$673,129.18 | | \$680,797.00 |

Tabulation of Bids

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5

Counties: OURAY

| Item Code | Description | Quantity | (3) 1666A Bixby Electric, Inc. | | (4) 1231A INTERFACE COMMUNICATIONS | | (5) 720A STURGEON ELECTRIC COMPANY, INC | |
|-----------------|---|--------------|-----------------------------------|------------|--|-------------|---|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | LCC: | | |
| 202-00725 | Removal of Existing Lighting System | 1.000 L S | 6,300.00000 | 6,300.00 | 11,667.00000 | 11,667.00 | 26,696.69000 | 26,696.69 |
| 208-00035 | Aggregate Bag | 30.000 LF | 18.00000 | 540.00 | 13.00000 | 390.00 | 116.23000 | 3,486.90 |
| 208-00106 | Sweeping (Sediment Removal) | 20.000 HOUR | 144.00000 | 2,880.00 | 87.00000 | 1,740.00 | 461.99000 | 9,239.80 |
| 601-40100 | Concrete Anchor (1/2 Inch) | 360.000 EACH | 43.00000 | 15,480.00 | 67.00000 | 24,120.00 | 28.33000 | 10,198.80 |
| 601-40100 | Concrete Anchor (3/8 Inch) | 84.000 EACH | 43.00000 | 3,612.00 | 60.00000 | 5,040.00 | 25.42000 | 2,135.28 |
| 613-00075 | 3/4 Inch Electrical Conduit | 140.000 LF | 8.00000 | 1,120.00 | 33.00000 | 4,620.00 | 37.05000 | 5,187.00 |
| 613-00250 | 2-1/2 Inch Electrical Conduit | 590.000 LF | 24.00000 | 14,160.00 | 54.00000 | 31,860.00 | 84.70000 | 49,973.00 |
| 613-07000 | Pull Box (Special) (16"x12"x4" NEMA 4 Junction Box) | 60.000 EACH | 250.00000 | 15,000.00 | 590.00000 | 35,400.00 | 567.65000 | 34,059.00 |
| 613-07000 | Pull Box (Special) (4"x4"x4" NEMA 4 Junction Box) | 14.000 EACH | 115.00000 | 1,610.00 | 264.00000 | 3,696.00 | 365.02000 | 5,110.28 |
| 613-10000 | Wiring | 1.000 L S | 34,600.00000 | 34,600.00 | 99,131.00000 | 99,131.00 | 82,730.66000 | 82,730.66 |
| 613-13000 | Luminaire (LED) (Tunnel)(120W) | 14.000 EACH | 2,035.00000 | 28,490.00 | 2,003.00000 | 28,042.00 | 1,979.20000 | 27,708.80 |
| 613-13000 | Luminaire (LED) (Tunnel)(359W) | 180.000 EACH | 2,288.00000 | 411,840.00 | 2,258.00000 | 406,440.00 | 2,292.15000 | 412,587.00 |
| 613-50325 | Tunnel Lighting Control System | 1.000 L S | 23,581.00000 | 23,581.00 | 41,844.00000 | 41,844.00 | 44,084.66000 | 44,084.66 |
| 626-00000 | Mobilization | 1.000 L S | 69,200.00000 | 69,200.00 | 145,975.00000 | 145,975.00 | 183,559.63000 | 183,559.63 |

Tabulation of Bids

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5

Counties: OURAY

| Item Code | Description | Quantity | (3) 1666A Bixby Electric, Inc. | | (4) 1231A INTERFACE COMMUNICATIONS COMPANY | | (5) 720A STURGEON ELECTRIC COMPANY, INC | |
|------------------------------|---|--------------|-----------------------------------|---------------------|---|---------------------|---|---------------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 Bid Items | | | | | LCC: | | |
| 626-01104 | Public Information Services (Tier IV) | 1.000 L S | 13,900.00000 | 13,900.00 | 3,850.00000 | 3,850.00 | 3,767.49000 | 3,767.49 |
| 630-00000 | Flagging | 800.000 HOUR | 25.00000 | 20,000.00 | 26.00000 | 20,800.00 | 52.70000 | 42,160.00 |
| 630-00012 | Traffic Control Management | 40.000 DAY | 690.00000 | 27,600.00 | 1,149.00000 | 45,960.00 | 1,097.22000 | 43,888.80 |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 14.000 EACH | 63.00000 | 882.00 | 48.00000 | 672.00 | 51.97000 | 727.58 |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 10.000 EACH | 63.00000 | 630.00 | 48.00000 | 480.00 | 57.75000 | 577.50 |
| 630-80355 | Portable Message Sign Panel | 2.000 EACH | 2,700.00000 | 5,400.00 | 2,714.00000 | 5,428.00 | 2,309.93000 | 4,619.86 |
| 630-80357 | Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 2.000 EACH | 637.00000 | 1,274.00 | 168.00000 | 336.00 | 1,385.96000 | 2,771.92 |
| 630-80360 | Drum Channelizing Device | 20.000 EACH | 7.00000 | 140.00 | 36.00000 | 720.00 | 23.10000 | 462.00 |
| 630-80380 | Traffic Cone | 40.000 EACH | 1.60000 | 64.00 | 9.00000 | 360.00 | 17.32000 | 692.80 |
| Section Totals: | | | | \$698,303.00 | | \$918,571.00 | | \$996,425.45 |
| Contract Grand Totals | | | | \$698,303.00 | | \$918,571.00 | | \$996,425.45 |

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Low Bid Item Analysis

Page 1 of 4

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5
 Contract Time: 07/31/18 COMPLETION DATE

Counties: OURAY
 Project(s): NHPP5502-088

Contract Description:

Remove existing lighting from the US 550 Red Mtn Pass snow shed tunnel at MP 88.15.
 Replace with new LED lighting system.

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|--|-----------|-----------------|---------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0005 | 202-00725 Removal of Existing Lighting System | 1.000 | 14,000.00000 | 12,567.00000 L S | 14,000.00 | 12,567.00 | 89.76% | -1,433.00 |
| 0010 | 208-00035 Aggregate Bag | 30.000 | 10.00000 | 10.20000 LF | 300.00 | 306.00 | 102.00% | 6.00 |
| 0015 | 208-00106 Sweeping (Sediment Removal) | 20.000 | 150.00000 | 120.75000 HOUR | 3,000.00 | 2,415.00 | 80.50% | -585.00 |
| 0020 | 601-40100 Concrete Anchor (1/2 Inch) | 360.000 | 10.00000 | 28.58000 EACH | 3,600.00 | 10,288.80 | 285.80% | 6,688.80 |
| 0025 | 601-40100 Concrete Anchor (3/8 Inch) | 84.000 | 7.00000 | 22.85000 EACH | 588.00 | 1,919.40 | 326.43% | 1,331.40 |
| 0030 | 613-00075 3/4 Inch Electrical Conduit | 140.000 | 5.00000 | 19.56000 LF | 700.00 | 2,738.40 | 391.20% | 2,038.40 |
| 0035 | 613-00250 2-1/2 Inch Electrical Conduit | 590.000 | 35.00000 | 34.36000 LF | 20,650.00 | 20,272.40 | 98.17% | -377.60 |
| 0040 | 613-07000 Pull Box (Special) (16"x12"x4" NEMA 4 Junction Box) | 60.000 | 400.00000 | 638.75000 EACH | 24,000.00 | 38,325.00 | 159.69% | 14,325.00 |

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Low Bid Item Analysis

Page 2 of 4

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5
 Contract Time: 07/31/18 COMPLETION DATE

Counties: OURAY
 Project(s): NHPP5502-088

Contract Description:

Remove existing lighting from the US 550 Red Mtn Pass snow shed tunnel at MP 88.15.
 Replace with new LED lighting system.

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|--|-----------|-----------------|---------------------|------------------|------------|-----------|-----------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0045 | 613-07000 Pull Box (Special) (4"x4"x4" NEMA 4 Junction Box) | 14.000 | 110.00000 | 283.50000 EACH | 1,540.00 | 3,969.00 | 257.73% | 2,429.00 |
| 0050 | 613-10000 Wiring | 1.000 | 25,500.00000 | 50,667.00000 L S | 25,500.00 | 50,667.00 | 198.69% | 25,167.00 |
| 0055 | 613-13000 Luminaire (LED) (Tunnel)(120W) | 14.000 | 1,400.00000 | 2,130.71000 EACH | 19,600.00 | 29,829.94 | 152.19% | 10,229.94 |
| 0060 | 613-13000 Luminaire (LED) (Tunnel)(359W) | 180.000 | 1,500.00000 | 2,027.91000 EACH | 270,000.00 | 365,023.80 | 135.19% | 95,023.80 |
| 0065 | 613-50325 Tunnel Lighting Control System | 1.000 | 16,600.00000 | 16,630.00000 L S | 16,600.00 | 16,630.00 | 100.18% | 30.00 |
| 0070 | 626-00000 Mobilization | 1.000 | 40,000.00000 | 61,169.00000 L S | 40,000.00 | 61,169.00 | 152.92% | 21,169.00 |
| 0075 | 626-01104 Public Information Services (Tier IV) | 1.000 | 3,500.00000 | 3,263.00000 L S | 3,500.00 | 3,263.00 | 93.23% | -237.00 |
| 0080 | 630-00000 Flagging | 800.000 | 25.00000 | 24.36000 HOUR | 20,000.00 | 19,488.00 | 97.44% | -512.00 |

Colorado Department Of Transportation

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Low Bid Item Analysis

Page 3 of 4

Letting No: 20180125
 Letting Date: January 25, 2018
 Letting Time: 10:00 AM

Contract ID: C20799
 Region: 5
 Contract Time: 07/31/18 COMPLETION DATE

Counties: OURAY
 Project(s): NHPP5502-088

Contract Description:

Remove existing lighting from the US 550 Red Mtn Pass snow shed tunnel at MP 88.15.
 Replace with new LED lighting system.

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|------------------------------|--|-----------|-----------------|---------------------|------------------|--------------|-----------|-----------------------------|
| SECTION: | 0001 | Bid Items | | | | | | |
| 0085 | 630-00012 Traffic Control Management | 40.000 | 650.00000 | 663.48000 DAY | 26,000.00 | 26,539.20 | 102.07% | 539.20 |
| 0090 | 630-80341 Construction Traffic Sign (Panel Size A) | 14.000 | 30.00000 | 60.86000 EACH | 420.00 | 852.04 | 202.87% | 432.04 |
| 0095 | 630-80342 Construction Traffic Sign (Panel Size B) | 10.000 | 35.00000 | 60.90000 EACH | 350.00 | 609.00 | 174.00% | 259.00 |
| 0100 | 630-80355 Portable Message Sign Panel | 2.000 | 4,000.00000 | 2,434.50000 EACH | 8,000.00 | 4,869.00 | 60.86% | -3,131.00 |
| 0105 | 630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type) | 2.000 | 500.00000 | 608.50000 EACH | 1,000.00 | 1,217.00 | 121.70% | 217.00 |
| 0110 | 630-80360 Drum Channelizing Device | 20.000 | 20.00000 | 6.10000 EACH | 400.00 | 122.00 | 30.50% | -278.00 |
| 0115 | 630-80380 Traffic Cone | 40.000 | 5.00000 | 1.23000 EACH | 200.00 | 49.20 | 24.60% | -150.80 |
| Section 0001 Subtotal | | | | | \$499,948.00 | \$673,129.18 | 134.64% | \$173,181.18 |

Low Bid Item Analysis

Letting No: 20180125
Letting Date: January 25, 2018
Letting Time: 10:00 AM

Contract ID: C20799
Region: 5
Contract Time: 07/31/18 COMPLETION
DATE

Counties: OURAY
Project(s): NHPP5502-088

Contract Description:

Remove existing lighting from the US 550 Red Mtn Pass snow shed tunnel at MP 88.15.
Replace with new LED lighting system.

Contract Total for Calculated Low Bidders Bid Items

| | | | |
|--------------|--------------|---------|--------------|
| \$499,948.00 | \$673,129.18 | 134.64% | \$173,181.18 |
|--------------|--------------|---------|--------------|