

Colorado Department Of Transportation

Printed On: 06/26/2020

Low Bid Summary

Page 1 of 1

Letting Date: June 25, 2020

| Call Order | Contract ID | Project(s) | # of Bids | Low Bidder | Estimated Cost | Corrected Bid | Percent of Estimate | Overrun (+) Underrun (-) |
|----------------|-------------|--------------|-----------|--|----------------|---------------|---------------------|-----------------------------|
| 001 | C20897 | NHPPR100-251 | 2 | RALPH L. WADSWORTH CONSTRUCTION COMPANY, LLC. | \$888,452.50 | \$919,658.19 | 103.51% | \$31,205.69 |
| Letting Totals | | | 2 | | \$888,452.50 | \$919,658.19 | 103.51% | \$31,205.69 |

Vendor Ranking

Contract ID: C20897

Contract Description:

Bridge expansion joint replacement project on four structures in Metro Denver. Highways SH 2, I-70 and I-225

| Rank | Vendor ID | Vendor Name | Total Bid | Percent Of Low Bid | Percent Of Estimate |
|------|-----------|---|--------------|--------------------|---------------------|
| 0 | -EST- | Engineer's Estimate | \$888,452.50 | 96.61% | 100.00% |
| 1 | 1415A | RALPH L. WADSWORTH CONSTRUCTION COMPANY, LLC. | \$919,658.19 | 100.00% | 103.51% |
| 2 | 905A | ABCO CONTRACTING, INC. | \$966,939.00 | 105.14% | 108.83% |

Tabulation of Bids

Contract ID: C20897

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|--|--------------|----------------------------------|------------|---|-----------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 ROADWAY | | | | LCC: | | | |
| 202-00453 | Removal of Portions of Present Structure (Class 2) | 35.000 SY | 280.00000 | 9,800.00 | 985.00000 | 34,475.00 | 260.00000 | 9,100.00 |
| 202-00460 | Removal of Portions of Present Structure (Class 3) | 2.000 SY | 480.00000 | 960.00 | 2,139.70000 | 4,279.40 | 557.00000 | 1,114.00 |
| 202-00504 | Removal of Expansion Device | 648.000 LF | 200.00000 | 129,600.00 | 125.30000 | 81,194.40 | 173.00000 | 112,104.00 |
| 202-04010 | Clean Inlet | 1.000 EACH | 1,000.00000 | 1,000.00 | 1,748.70000 | 1,748.70 | 1,849.00000 | 1,849.00 |
| 208-00035 | Aggregate Bag | 200.000 LF | 10.00000 | 2,000.00 | 32.55000 | 6,510.00 | 8.00000 | 1,600.00 |
| 208-00046 | Pre-fabricated Concrete Washout Structure (Type 1) | 4.000 EACH | 1,500.00000 | 6,000.00 | 1,256.10000 | 5,024.40 | 1,541.00000 | 6,164.00 |
| 208-00053 | Storm Drain Inlet Protection (Type I) (84 Inch) | 1.000 EACH | 200.00000 | 200.00 | 2,355.30000 | 2,355.30 | 193.00000 | 193.00 |
| 208-00056 | Storm Drain Inlet Protection (Type III) | 7.000 EACH | 350.00000 | 2,450.00 | 43.25000 | 302.75 | 768.00000 | 5,376.00 |
| 208-00103 | Removal and Disposal of Sediment (Labor) | 10.000 HOUR | 75.00000 | 750.00 | 113.35000 | 1,133.50 | 62.00000 | 620.00 |
| 208-00106 | Sweeping (Sediment Removal) | 100.000 HOUR | 150.00000 | 15,000.00 | 128.15000 | 12,815.00 | 166.00000 | 16,600.00 |
| 208-00107 | Removal of Trash | 20.000 HOUR | 85.00000 | 1,700.00 | 66.70000 | 1,334.00 | 55.00000 | 1,100.00 |
| 210-00425 | Reset Bridge Railing | 40.000 LF | 80.00000 | 3,200.00 | 91.45000 | 3,658.00 | 121.00000 | 4,840.00 |
| 210-01130 | Reset Guardrail Type 3 | 25.000 LF | 40.00000 | 1,000.00 | 60.70000 | 1,517.50 | 176.00000 | 4,400.00 |
| 210-04025 | Modify Structure | 1.000 EACH | 5,000.00000 | 5,000.00 | 3,169.30000 | 3,169.30 | 3,581.00000 | 3,581.00 |

Tabulation of Bids

Contract ID: C20897

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC | | (2) 905A ABCO CONTRACTING, INC. | |
|-----------------|---|--------------|----------------------------------|------------|---|------------|---------------------------------------|------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 ROADWAY | | | | LCC: | | | |
| 509-08121 | Temporary Bridge Deck | 40.000 LF | 850.00000 | 34,000.00 | 802.85000 | 32,114.00 | 473.00000 | 18,920.00 |
| 518-01004 | Bridge Expansion Device (0-4 Inch) | 608.000 LF | 300.00000 | 182,400.00 | 250.00000 | 152,000.00 | 252.00000 | 153,216.00 |
| 518-01109 | Bridge Expansion Device (Greater Than 4 In)(Install Only) | 40.000 LF | 700.00000 | 28,000.00 | 400.00000 | 16,000.00 | 503.00000 | 20,120.00 |
| 601-03057 | Concrete Class DR | 71.900 CY | 1,700.00000 | 122,230.00 | 1,317.90000 | 94,757.01 | 1,770.00000 | 127,263.00 |
| 602-00000 | Reinforcing Steel | 3,615.000 LB | 1.50000 | 5,422.50 | 2.53000 | 9,145.95 | 2.00000 | 7,230.00 |
| 602-00020 | Reinforcing Steel (Epoxy Coated) | 2,890.000 LB | 2.00000 | 5,780.00 | 2.72000 | 7,860.80 | 4.00000 | 11,560.00 |
| 620-00020 | Sanitary Facility | 2.000 EACH | 2,000.00000 | 4,000.00 | 566.35000 | 1,132.70 | 1,294.00000 | 2,588.00 |
| 621-00451 | Detour Pavement | 190.000 TON | 190.00000 | 36,100.00 | 283.40000 | 53,846.00 | 290.00000 | 55,100.00 |
| 626-00000 | Mobilization | 1.000 L S | 75,000.00000 | 75,000.00 | 167,000.00000 | 167,000.00 | 91,000.00000 | 91,000.00 |
| 626-01113 | Public Information Management (Tier III) | 10.000 DAY | 135.00000 | 1,350.00 | 916.46000 | 9,164.60 | 801.00000 | 8,010.00 |
| 630-00000 | Flagging | 100.000 HOUR | 30.00000 | 3,000.00 | 31.70000 | 3,170.00 | 35.00000 | 3,500.00 |
| 630-00003 | Uniformed Traffic Control | 750.000 HOUR | 90.00000 | 67,500.00 | 112.36000 | 84,270.00 | 136.00000 | 102,000.00 |
| 630-00007 | Traffic Control Inspection | 25.000 DAY | 225.00000 | 5,625.00 | 204.29000 | 5,107.25 | 247.00000 | 6,175.00 |
| 630-00012 | Traffic Control Management | 59.000 DAY | 850.00000 | 50,150.00 | 1,037.66000 | 61,221.94 | 1,171.00000 | 69,089.00 |
| 630-80002 | Flashing Beacon (Solar) | 6.000 EACH | 100.00000 | 600.00 | 509.75000 | 3,058.50 | 555.00000 | 3,330.00 |

Tabulation of Bids

Contract ID: C20897

| Item Code | Description | Quantity | (0) -EST- Engineer's Estimate | | (1) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC | | (2) 905A ABCO CONTRACTING, INC. | |
|------------------------|---|--------------|----------------------------------|--------------|---|--------------|---------------------------------------|--------------|
| | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| SECTION: | 0001 ROADWAY | | | | LCC: | | | |
| 630-80335 | Barricade (Type 3 M-A) (Temporary) | 6.000 EACH | 175.00000 | 1,050.00 | 84.95000 | 509.70 | 92.00000 | 552.00 |
| 630-80341 | Construction Traffic Sign (Panel Size A) | 66.000 EACH | 60.00000 | 3,960.00 | 45.30000 | 2,989.80 | 49.00000 | 3,234.00 |
| 630-80342 | Construction Traffic Sign (Panel Size B) | 54.000 EACH | 100.00000 | 5,400.00 | 56.65000 | 3,059.10 | 62.00000 | 3,348.00 |
| 630-80343 | Construction Traffic Sign (Panel Size C) | 8.000 EACH | 100.00000 | 800.00 | 67.95000 | 543.60 | 74.00000 | 592.00 |
| 630-80355 | Portable Message Sign Panel | 4.000 EACH | 3,500.00000 | 14,000.00 | 2,548.60000 | 10,194.40 | 2,774.00000 | 11,096.00 |
| 630-80358 | Advance Warning Flashing or Sequencing Arrow Panel (C Type) | 3.000 EACH | 1,200.00000 | 3,600.00 | 679.65000 | 2,038.95 | 740.00000 | 2,220.00 |
| 630-80360 | Drum Channelizing Device | 150.000 EACH | 40.00000 | 6,000.00 | 45.30000 | 6,795.00 | 49.00000 | 7,350.00 |
| 630-80370 | Barrier (Temporary) | 120.000 LF | 35.00000 | 4,200.00 | 74.65000 | 8,958.00 | 68.00000 | 8,160.00 |
| 630-80380 | Traffic Cone | 350.000 EACH | 10.00000 | 3,500.00 | 11.35000 | 3,972.50 | 12.00000 | 4,200.00 |
| 630-80393 | Stackable Vertical Panels | 75.000 EACH | 25.00000 | 1,875.00 | 34.00000 | 2,550.00 | 37.00000 | 2,775.00 |
| 630-80417 | Sequential Flashing Warning Light | 1.000 EACH | 250.00000 | 250.00 | 79.30000 | 79.30 | 86.00000 | 86.00 |
| 630-85011 | Impact Attenuator (Temporary) | 14.000 DAY | 250.00000 | 3,500.00 | 0.01000 | 0.14 | 493.00000 | 6,902.00 |
| 630-85041 | Mobile Attenuator | 60.000 DAY | 425.00000 | 25,500.00 | 211.55000 | 12,693.00 | 740.00000 | 44,400.00 |
| 632-00000 | Night Work Lighting | 1.000 L S | 15,000.00000 | 15,000.00 | 5,908.70000 | 5,908.70 | 24,282.00000 | 24,282.00 |
| Section Totals: | | | | \$888,452.50 | | \$919,658.19 | | \$966,939.00 |

Tabulation of Bids

Contract ID: C20897

| | | | |
|------------------------------|---------------------|---------------------|---------------------|
| Contract Grand Totals | \$888,452.50 | \$919,658.19 | \$966,939.00 |
|------------------------------|---------------------|---------------------|---------------------|

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C20897

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|---|----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | ROADWAY | | | | | | |
| 0005 | 202-00453 Removal of Portions of Present Structure (Class 2) | 35.000 | 280.00000 | 985.00000 SY | 9,800.00 | 34,475.00 | 351.79% | 24,675.00 |
| 0010 | 202-00460 Removal of Portions of Present Structure (Class 3) | 2.000 | 480.00000 | 2,139.70000 SY | 960.00 | 4,279.40 | 445.77% | 3,319.40 |
| 0015 | 202-00504 Removal of Expansion Device | 648.000 | 200.00000 | 125.30000 LF | 129,600.00 | 81,194.40 | 62.65% | -48,405.60 |
| 0020 | 202-04010 Clean Inlet | 1.000 | 1,000.00000 | 1,748.70000 EACH | 1,000.00 | 1,748.70 | 174.87% | 748.70 |
| 0025 | 208-00035 Aggregate Bag | 200.000 | 10.00000 | 32.55000 LF | 2,000.00 | 6,510.00 | 325.50% | 4,510.00 |
| 0030 | 208-00046 Pre-fabricated Concrete Washout Structure (Type 1) | 4.000 | 1,500.00000 | 1,256.10000 EACH | 6,000.00 | 5,024.40 | 83.74% | -975.60 |
| 0035 | 208-00053 Storm Drain Inlet Protection (Type I) (84 Inch) | 1.000 | 200.00000 | 2,355.30000 EACH | 200.00 | 2,355.30 | 1177.65% | 2,155.30 |
| 0040 | 208-00056 Storm Drain Inlet Protection (Type III) | 7.000 | 350.00000 | 43.25000 EACH | 2,450.00 | 302.75 | 12.36% | -2,147.25 |
| 0045 | 208-00103 Removal and Disposal of Sediment (Labor) | 10.000 | 75.00000 | 113.35000 HOUR | 750.00 | 1,133.50 | 151.13% | 383.50 |
| 0050 | 208-00106 Sweeping (Sediment Removal) | 100.000 | 150.00000 | 128.15000 HOUR | 15,000.00 | 12,815.00 | 85.43% | -2,185.00 |
| 0055 | 208-00107 Removal of Trash | 20.000 | 85.00000 | 66.70000 HOUR | 1,700.00 | 1,334.00 | 78.47% | -366.00 |

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Low Bid Item Analysis

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Contract ID: C20897

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|--|-----------|-----------------|----------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | ROADWAY | | | | | | |
| 0060 | 210-00425 Reset Bridge Railing | 40.000 | 80.00000 | 91.45000 LF | 3,200.00 | 3,658.00 | 114.31% | 458.00 |
| 0065 | 210-01130 Reset Guardrail Type 3 | 25.000 | 40.00000 | 60.70000 LF | 1,000.00 | 1,517.50 | 151.75% | 517.50 |
| 0070 | 210-04025 Modify Structure | 1.000 | 5,000.00000 | 3,169.30000 EACH | 5,000.00 | 3,169.30 | 63.39% | -1,830.70 |
| 0075 | 509-08121 Temporary Bridge Deck | 40.000 | 850.00000 | 802.85000 LF | 34,000.00 | 32,114.00 | 94.45% | -1,886.00 |
| 0080 | 518-01004 Bridge Expansion Device (0-4 Inch) | 608.000 | 300.00000 | 250.00000 LF | 182,400.00 | 152,000.00 | 83.33% | -30,400.00 |
| 0085 | 518-01109 Bridge Expansion Device (Greater Than 4 In)(Install Only) | 40.000 | 700.00000 | 400.00000 LF | 28,000.00 | 16,000.00 | 57.14% | -12,000.00 |
| 0090 | 601-03057 Concrete Class DR | 71.900 | 1,700.00000 | 1,317.90000 CY | 122,230.00 | 94,757.01 | 77.52% | -27,472.99 |
| 0095 | 602-00000 Reinforcing Steel | 3,615.000 | 1.50000 | 2.53000 LB | 5,422.50 | 9,145.95 | 168.67% | 3,723.45 |
| 0100 | 602-00020 Reinforcing Steel (Epoxy Coated) | 2,890.000 | 2.00000 | 2.72000 LB | 5,780.00 | 7,860.80 | 136.00% | 2,080.80 |
| 0105 | 620-00020 Sanitary Facility | 2.000 | 2,000.00000 | 566.35000 EACH | 4,000.00 | 1,132.70 | 28.32% | -2,867.30 |
| 0110 | 621-00451 Detour Pavement | 190.000 | 190.00000 | 283.40000 TON | 36,100.00 | 53,846.00 | 149.16% | 17,746.00 |
| 0115 | 626-00000 Mobilization | 1.000 | 75,000.00000 | 167,000.00000 L S | 75,000.00 | 167,000.00 | 222.67% | 92,000.00 |

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Low Bid Item Analysis

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Contract ID: C20897

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|-----------------|--|----------|-----------------|---------------------|------------------|------------|-----------|--------------------------|
| SECTION: | 0001 | ROADWAY | | | | | | |
| 0120 | 626-01113 Public Information Management (Tier III) | 10.000 | 135.00000 | 916.46000 DAY | 1,350.00 | 9,164.60 | 678.86% | 7,814.60 |
| 0125 | 630-00000 Flagging | 100.000 | 30.00000 | 31.70000 HOUR | 3,000.00 | 3,170.00 | 105.67% | 170.00 |
| 0130 | 630-00003 Uniformed Traffic Control | 750.000 | 90.00000 | 112.36000 HOUR | 67,500.00 | 84,270.00 | 124.84% | 16,770.00 |
| 0135 | 630-00007 Traffic Control Inspection | 25.000 | 225.00000 | 204.29000 DAY | 5,625.00 | 5,107.25 | 90.80% | -517.75 |
| 0140 | 630-00012 Traffic Control Management | 59.000 | 850.00000 | 1,037.66000 DAY | 50,150.00 | 61,221.94 | 122.08% | 11,071.94 |
| 0145 | 630-80002 Flashing Beacon (Solar) | 6.000 | 100.00000 | 509.75000 EACH | 600.00 | 3,058.50 | 509.75% | 2,458.50 |
| 0150 | 630-80335 Barricade (Type 3 M-A) (Temporary) | 6.000 | 175.00000 | 84.95000 EACH | 1,050.00 | 509.70 | 48.54% | -540.30 |
| 0155 | 630-80341 Construction Traffic Sign (Panel Size A) | 66.000 | 60.00000 | 45.30000 EACH | 3,960.00 | 2,989.80 | 75.50% | -970.20 |
| 0160 | 630-80342 Construction Traffic Sign (Panel Size B) | 54.000 | 100.00000 | 56.65000 EACH | 5,400.00 | 3,059.10 | 56.65% | -2,340.90 |
| 0165 | 630-80343 Construction Traffic Sign (Panel Size C) | 8.000 | 100.00000 | 67.95000 EACH | 800.00 | 543.60 | 67.95% | -256.40 |
| 0170 | 630-80355 Portable Message Sign Panel | 4.000 | 3,500.00000 | 2,548.60000 EACH | 14,000.00 | 10,194.40 | 72.82% | -3,805.60 |
| 0175 | 630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type) | 3.000 | 1,200.00000 | 679.65000 EACH | 3,600.00 | 2,038.95 | 56.64% | -1,561.05 |

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Low Bid Item Analysis

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Contract ID: C20897

| Line | Item/Description | Quantity | Estimated Price | Bid Price/Units | Estimated Amount | Bid Amount | Bid Est % | Overrun (+) Underrun (-) |
|--|--|----------|-----------------|--------------------|---------------------|---------------------|----------------|--------------------------|
| SECTION: | 0001 | ROADWAY | | | | | | |
| 0180 | 630-80360 Drum Channelizing Device | 150.000 | 40.00000 | 45.30000 EACH | 6,000.00 | 6,795.00 | 113.25% | 795.00 |
| 0185 | 630-80370 Barrier (Temporary) | 120.000 | 35.00000 | 74.65000 LF | 4,200.00 | 8,958.00 | 213.29% | 4,758.00 |
| 0190 | 630-80380 Traffic Cone | 350.000 | 10.00000 | 11.35000 EACH | 3,500.00 | 3,972.50 | 113.50% | 472.50 |
| 0195 | 630-80393 Stackable Vertical Panels | 75.000 | 25.00000 | 34.00000 EACH | 1,875.00 | 2,550.00 | 136.00% | 675.00 |
| 0200 | 630-80417 Sequential Flashing Warning Light | 1.000 | 250.00000 | 79.30000 EACH | 250.00 | 79.30 | 31.72% | -170.70 |
| 0205 | 630-85011 Impact Attenuator (Temporary) | 14.000 | 250.00000 | 0.01000 DAY | 3,500.00 | 0.14 | 0.00% | -3,499.86 |
| 0210 | 630-85041 Mobile Attenuator | 60.000 | 425.00000 | 211.55000 DAY | 25,500.00 | 12,693.00 | 49.78% | -12,807.00 |
| 0215 | 632-00000 Night Work Lighting | 1.000 | 15,000.00000 | 5,908.70000 L S | 15,000.00 | 5,908.70 | 39.39% | -9,091.30 |
| Section 0001 Subtotal | | | | | \$888,452.50 | \$919,658.19 | 103.51% | \$31,205.69 |
| Contract Total for Calculated Low Bidders Bid Items | | | | | \$888,452.50 | \$919,658.19 | 103.51% | \$31,205.69 |