



Municipality of Anchorage

Project Management and Engineering Department



2007 Average Bid Tabs

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|---|--------------|-------|------------|-------------|--------------|-----------|
| 20.02 | Clearing & Grubbing | 1 -50 | Acre | \$4,000.00 | \$20,285.71 | \$32,000.00 | 7 |
| 20.02 | Clearing and Grubbing | 1 | L.S. | \$3,125.00 | \$27,280.37 | \$180,000.00 | 45 |
| 20.04 | Unusable Excavation | 1 -100 | C.Y. | \$20.00 | \$39.51 | \$63.00 | 7 |
| 20.04 | Unusable Excavation | 101 -1000 | C.Y. | \$9.00 | \$19.57 | \$42.30 | 11 |
| 20.04 | Unusable Excavation | Above 1000 | C.Y. | \$6.65 | \$10.85 | \$21.50 | 16 |
| 20.04 | Usable Excavation | 1 -5000 | C.Y. | \$2.20 | \$7.85 | \$20.00 | 10 |
| 20.05 | Type II Classified Fill and Backfill | 1 -500 | Ton | \$15.00 | \$25.73 | \$35.00 | 6 |
| 20.05 | Type II Classified Fill and Backfill | 501 - 5000 | Ton | \$11.70 | \$18.14 | \$27.00 | 21 |
| 20.05 | Type II Classified Fill and Backfill | Above 5000 | Ton | \$10.00 | \$14.44 | \$20.50 | 16 |
| 20.05 | Type IIA Classified Fill and Backfill | 1 -500 | Ton | \$18.00 | \$34.00 | \$74.00 | 18 |
| 20.05 | Type IIA Classified Fill and Backfill | 501 -5000 | Ton | \$11.62 | \$19.18 | \$31.00 | 15 |
| 20.05 | Type IIA Classified Fill and Backfill | Above 5000 | Ton | \$10.00 | \$15.27 | \$20.00 | 10 |
| 20.06 | Leveling Course | 1 -500 | Ton | \$20.00 | \$39.73 | \$107.00 | 37 |
| 20.06 | Leveling Course | Above 500 | Ton | \$19.00 | \$26.66 | \$32.00 | 16 |
| 20.07 | Trench Excavation and Backfill (Various Depths) | 1 -5000 | L.F. | \$8.00 | \$39.54 | \$112.00 | 28 |
| 20.09 | Furnish Trench Backfill (Type II) | 1 -3000 | Ton | \$10.00 | \$13.75 | \$24.00 | 23 |
| 20.10 | Foundation Backfill (Type II) | 1 -3000 | Ton | \$12.50 | \$16.33 | \$28.00 | 6 |
| 20.11 | Bedding Material (Class B) | 1 -5000 | Ton | \$12.00 | \$21.00 | \$28.00 | 3 |
| 20.11 | Bedding Material (Class C) | 1 -10,000 | L.F. | \$2.00 | \$15.54 | \$29.00 | 12 |
| 20.11 | Bedding Material (Class C) | 1 -100 | Ton | \$30.00 | \$31.00 | \$32.00 | 2 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|------------|-------------|-------------|-----------|
| 20.11 | Bedding Material (Class C) | Above 100 | Ton | \$10.00 | \$14.60 | \$20.00 | 10 |
| 20.11 | Bedding Material (Class E) | 1 -10,000 | L.F. | \$3.00 | \$9.83 | \$18.00 | 3 |
| 20.13 | Disposal of Unsuitable or Surplus Material | 1 -5000 | C.Y. | \$4.00 | \$11.38 | \$23.00 | 25 |
| 20.14 | Mechanical Compaction | 1 -3000 | L.F. | \$1.00 | \$5.26 | \$34.00 | 29 |
| 20.16 | Portable Trench Shield | 1 -1000 | L.F. | \$1.00 | \$6.43 | \$25.00 | 7 |
| 20.16 | Shoring, Sheeting, and Bracing | 1 -5000 | L.F. | \$1.00 | \$1.25 | \$2.00 | 4 |
| 20.17 | Remove Existing Sidewalk or Concrete Apron | 1 -200 | S.Y. | \$5.00 | \$24.46 | \$84.00 | 24 |
| 20.17 | Remove Existing Sidewalk or Concrete Apron | Above 200 | S.Y. | \$5.00 | \$16.29 | \$54.00 | 9 |
| 20.18 | Remove Existing Curb and Gutter | 1 -1000 | L.F. | \$3.00 | \$12.51 | \$55.00 | 34 |
| 20.18 | Remove Existing Curb and Gutter | Above 1000 | L.F. | \$4.00 | \$7.33 | \$10.00 | 8 |
| 20.19 | Remove Existing Pavement | 1 -200 | S.Y. | \$2.00 | \$14.15 | \$45.00 | 10 |
| 20.19 | Remove Existing Pavement | 201 - 500 | S.Y. | \$3.00 | \$6.08 | \$10.00 | 6 |
| 20.19 | Remove Existing Pavement | 501 -5000 | S.Y. | \$1.50 | \$4.57 | \$12.00 | 22 |
| 20.19 | Remove Existing Pavement | Above 5000 | S.Y. | \$1.50 | \$2.74 | \$7.00 | 16 |
| 20.20 | Tree Removal | 1 -5 | EA. | \$616.00 | \$808.00 | \$1,000.00 | 2 |
| 20.21 | Grading Existing Surfaces | 1 -5000 | L.F. | \$2.00 | \$5.05 | \$8.00 | 12 |
| 20.22 | Geotextile Fabric (Separation) | 1 -10,000 | S.Y. | \$1.20 | \$2.58 | \$8.00 | 19 |
| 20.22 | Geotextile Fabric (Separation) | Above 10,000 | S.Y. | \$1.10 | \$1.69 | \$3.00 | 7 |
| 20.23 | Geotextile Fabric for Surface Drainage & Rip Rap Liner | 1 -5000 | S.Y. | \$2.00 | \$3.00 | \$5.00 | 3 |
| 20.24 | Rip Rap (Class I) | 1 -100 | Ton | \$95.00 | \$185.00 | \$300.00 | 4 |
| 20.24 | Rip Rap (Class I) | Above 100 | Ton | \$52.00 | \$134.00 | \$250.00 | 3 |
| 20.25 | Drain Rock | 1 -200 | Ton | \$33.00 | \$119.33 | \$225.00 | 3 |
| 20.25 | Pavement Rotomilling | 1 -20,000 | S.Y. | \$4.00 | \$4.58 | \$5.50 | 3 |
| 20.25 | Stormwater Pollution Prevention Plan | 1 | L.S. | \$1,400.00 | \$21,390.32 | \$50,000.00 | 28 |
| 20.26 | Dewatering | 1 | L.S. | \$1,200.00 | \$17,783.33 | \$55,000.00 | 6 |
| 20.26 | Trench Dewatering | 1 -1000 | L.F. | \$3.00 | \$29.80 | \$100.00 | 4 |

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|-------------|--|--------------|-------|------------|-------------|------------|-----------|
| 20.28 | Construct Gravel Pathway (8' Width) | 1 -500 | L.F. | \$38.00 | \$114.33 | \$200.00 | 3 |
| 30.02 | Concrete Play Curb, 8" Wide | 1 -500 | L.F. | \$33.25 | \$41.13 | \$49.00 | 2 |
| 30.02 | Curb Nose | 1 -20 | EA. | \$400.00 | \$612.25 | \$1,000.00 | 20 |
| 30.02 | P.C.C. Curb & Gutter (All Types) | 1 -100 | L.F. | \$30.00 | \$44.78 | \$60.00 | 9 |
| 30.02 | P.C.C. Curb & Gutter (All Types) | 101 -1000 | L.F. | \$17.70 | \$34.02 | \$65.00 | 17 |
| 30.02 | P.C.C. Curb & Gutter (All Types) | Above 1000 | L.F. | \$13.00 | \$19.93 | \$38.00 | 14 |
| 30.02 | P.C.C. Curb & Gutter, Type I | 1 -5000 | L.F. | \$13.00 | \$26.75 | \$50.00 | 11 |
| 30.02 | P.C.C. Curb & Gutter, Type I | Above 5000 | L.F. | \$13.00 | \$16.25 | \$19.00 | 3 |
| 30.02 | P.C.C. Curb & Gutter, Type VI | 1 -500 | L.F. | \$20.00 | \$28.54 | \$37.80 | 8 |
| 30.02 | P.C.C. Mowing Curb | 1 -5000 | L.F. | \$15.00 | \$18.25 | \$21.50 | 4 |
| 30.02 | P.C.C. Valley Gutter | 1 -500 | L.F. | \$35.00 | \$45.00 | \$52.00 | 4 |
| 30.03 | P.C.C. Sidewalk 4" Thick, Aggregate Finish | 1 -150 | S.Y. | \$75.00 | \$82.21 | \$87.00 | 4 |
| 30.03 | P.C.C. Sidewalk 4" Thick, Standard Finish | 1 -150 | S.Y. | \$46.00 | \$77.97 | \$122.00 | 15 |
| 30.03 | P.C.C. Sidewalk 4" Thick, Standard Finish | Above 150 | S.Y. | \$32.00 | \$53.33 | \$79.40 | 26 |
| 30.03 | P.C.C. Sidewalk 6" Thick, Standard Finish | 1 -500 | S.Y. | \$66.37 | \$122.78 | \$303.00 | 12 |
| 30.03 | P.C.C. Sidewalk 8" Thick Standard Finish | 1 -500 | C.Y. | \$60.00 | \$66.40 | \$79.20 | 3 |
| 30.04 | Cast in Place Retaining Wall | 1 -5000 | S.F. | \$98.20 | \$114.40 | \$140.00 | 3 |
| 30.04 | Sidewalk Type Retaining Wall | 1 -50 | C.Y. | \$1,100.00 | \$1,612.50 | \$2,000.00 | 4 |
| 30.07 | Detectable Warnings | 1 -500 | S.F. | \$35.00 | \$68.12 | \$125.00 | 34 |
| 30.07 | P.C.C. Curb Ramp, 6" Thick | 1 -100 | S.Y. | \$67.20 | \$104.54 | \$152.00 | 16 |
| 30.07 | P.C.C. Curb Ramp, 6" Thick | Above 100 | S.Y. | \$65.00 | \$79.83 | \$90.00 | 6 |
| 30.07 | P.C.C. Curb Ramp, 6" Thick (per each) | 1 -100 | EA. | \$1,000.00 | \$1,733.18 | \$3,200.00 | 22 |
| 30.08 | Colored Concrete, Green (4" Thick) | 1 -500 | S.Y. | \$80.00 | \$320.00 | \$807.00 | 5 |
| 30.08 | Colored Concrete, Red (4" Thick) | 1 -500 | S.Y. | \$80.00 | \$103.13 | \$126.00 | 8 |
| 30.08 | Colored Concrete, Red (6" Thick) | 1 -500 | S.Y. | \$95.00 | \$125.79 | \$157.00 | 7 |
| 30.08 | Colored Concrete, Red (8" Thick) | 1 -500 | S.Y. | \$140.00 | \$153.33 | \$160.00 | 3 |

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| 30.08 | Colored Concrete, White (8" Thick) | 1 -500 | S.Y. | \$155.00 | \$171.67 | \$180.00 | 3 |
| 30.08 | Imprinted Colored Concrete (4" Thick) | 1 -100 | S.Y. | \$75.00 | \$91.00 | \$105.00 | 6 |
| 30.08 | Imprinted Colored Concrete (6" Thick) | 1 -100 | S.Y. | \$157.00 | \$190.67 | \$250.00 | 3 |
| 30.08 | Sidewalk Joint Sealant | 1 -200 | L.F. | \$5.00 | \$11.25 | \$23.10 | 3 |
| 30.10 | Concrete Modular Block Retaining Wall | 1 -5000 | S.F. | \$42.60 | \$52.53 | \$70.00 | 3 |
| 30.10 | Concrete Modular Block Retaining Wall | 1 -200 | S.Y. | \$500.00 | \$624.67 | \$844.00 | 3 |
| 40.02 | A.C. Pavement (Class A) | 1 -5000 | Ton | \$77.00 | \$112.29 | \$250.00 | 10 |
| 40.02 | A.C. Pavement (Class D) | 1 -100 | Ton | \$98.00 | \$132.38 | \$185.00 | 8 |
| 40.02 | A.C. Pavement (Class D) | 101 -500 | Ton | \$70.00 | \$98.69 | \$150.00 | 23 |
| 40.02 | A.C. Pavement (Class D) | Above 500 | Ton | \$65.00 | \$86.83 | \$100.00 | 6 |
| 40.02 | A.C. Pavement (Class E) | 1 -100 | Ton | \$90.00 | \$131.55 | \$233.00 | 11 |
| 40.02 | A.C. Pavement (Class E) | 101 -500 | Ton | \$67.00 | \$90.38 | \$150.00 | 17 |
| 40.02 | A.C. Pavement (Class E) | Above 500 | Ton | \$65.00 | \$84.45 | \$100.00 | 16 |
| 40.02 | A.C. Pavement, Temporary (Class E) | 1 -10,000 | S.Y. | \$9.00 | \$12.50 | \$15.00 | 3 |
| 40.02 | A.C. Trail, (Class D) | 1 -100 | Ton | \$120.00 | \$171.67 | \$200.00 | 3 |
| 40.02 | A.C. Trail, (Class D) | Above 100 | Ton | \$115.00 | \$120.00 | \$125.00 | 3 |
| 40.06 | Tack Coat | 0 -1 | Ton | \$396.00 | \$844.20 | \$1,500.00 | 15 |
| 40.06 | Tack Coat | Above 1 | Ton | \$50.00 | \$799.19 | \$1,500.00 | 16 |
| 40.07 | R & R existing A.C. (Class D) | 1 -5000 | S.Y. | \$14.00 | \$26.72 | \$55.00 | 9 |
| 40.07 | R & R existing A.C. (Class E) | 1 -5000 | S.Y. | \$14.80 | \$26.21 | \$55.00 | 6 |
| 40.07 | R & R Existing Asphalt Surfacing | 1 -500 | S.Y. | \$36.50 | \$85.80 | \$126.00 | 6 |
| 40.10 | Crack Sealing | 1 -1000 | L.F. | \$2.25 | \$2.90 | \$3.45 | 3 |
| 40.10 | Speed Hump, Permanent Asphalt (13') | 1 -50 | EA. | \$547.00 | \$2,233.50 | \$3,920.00 | 2 |
| 50.02 | Furnish and Install 8" DIP Sanitary Sewer Main, Class 50 | 1 -10,000 | L.F. | \$20.00 | \$44.50 | \$67.00 | 4 |
| 50.03 | Construct Manhole, Type A at Standard Depth | 1 -10 | EA. | \$5,000.00 | \$6,275.00 | \$7,900.00 | 4 |
| 50.06 | Construct Sanitary Sewer Drop Connect (External) | 1 -10 | EA. | \$2,000.00 | \$6,150.00 | \$15,000.00 | 4 |

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|-------------|--|--------------|-------|------------|-------------|-------------|-----------|
| 50.06 | Construct Sanitary Sewer Drop Connect (Internal) | 1 -10 | EA. | \$4,800.00 | \$5,425.00 | \$6,000.00 | 4 |
| 50.09 | Deep Service Riser for Sanitary Service | 1 -10 | EA. | \$1,900.00 | \$3,550.00 | \$5,300.00 | 4 |
| 50.10 | Disconnect/Reconnect Existing Sewer Service | 1 -20 | EA. | \$1,000.00 | \$2,050.00 | \$3,500.00 | 4 |
| 50.13 | Polyethelene Encasement | 1 -1000 | L.F. | \$0.50 | \$1.75 | \$3.25 | 4 |
| 50.14 | Bypass Pumping Existing Sewer Flow | 1 | L.S. | \$4,000.00 | \$8,800.00 | \$12,200.00 | 4 |
| 50.15 | Prepare Sanitary Sewer Main for Re-Lining | 1 -1000 | L.F. | \$25.00 | \$28.25 | \$30.00 | 4 |
| 50.16 | Furnish and Install Re-Lining System for Sanitary Sewer Main | 1 -1000 | L.F. | \$150.00 | \$174.00 | \$200.00 | 4 |
| 50.17 | Re-Instatement of Existing Sanitary Sewer Service after Lining | 1 -10 | EA. | \$2,000.00 | \$2,225.00 | \$2,400.00 | 4 |
| 50.18 | Post-Construction CCTV Inspection and DVD Recording | 1 | L.S. | \$450.00 | \$5,293.75 | \$7,525.00 | 4 |
| 55.02 | F&I 8" HDPE SDR11 Sanitary Sewer | 1 -1000 | L.F. | \$12.00 | \$76.75 | \$135.00 | 4 |
| 55.02 | Furnish and Install 10" CPEP, Type S | 1 -100 | L.F. | \$9.00 | \$98.51 | \$293.00 | 9 |
| 55.02 | Furnish and Install 10" CPEP, Type S | 101 -1000 | L.F. | \$7.00 | \$27.40 | \$63.40 | 6 |
| 55.02 | Furnish and Install 10" HDPEP, (SDR 26) | 1 -500 | L.F. | \$14.00 | \$176.00 | \$404.00 | 3 |
| 55.02 | Furnish and Install 12" CPEP, Type S | 1 -1000 | L.F. | \$9.30 | \$57.41 | \$210.00 | 27 |
| 55.02 | Furnish and Install 12" CPEP, Type S | Above 1000 | L.F. | \$55.00 | \$55.00 | \$55.00 | 3 |
| 55.02 | Furnish and Install 12" HDPEP, (SDR 26) | 1 -1000 | L.F. | \$20.00 | \$126.33 | \$239.00 | 3 |
| 55.02 | Furnish and Install 18" CMP | 1 -1000 | L.F. | \$22.00 | \$43.83 | \$75.00 | 6 |
| 55.02 | Furnish and Install 18" CPEP, Type S | 1 -1000 | L.F. | \$18.00 | \$63.00 | \$242.00 | 13 |
| 55.02 | Furnish and Install 24" CMP | 1 -1000 | L.F. | \$27.40 | \$53.44 | \$90.00 | 6 |
| 55.02 | Furnish and Install 24" CPEP, Type S | 1 -5000 | L.F. | \$30.60 | \$61.55 | \$91.00 | 12 |
| 55.02 | Furnish and Install 36" CMP | 1 -5000 | L.F. | \$41.00 | \$81.76 | \$115.00 | 12 |
| 55.02 | Furnish and Install 36" CPEP (Type S) | 1 -5000 | L.F. | \$55.00 | \$83.83 | \$115.00 | 6 |
| 55.03 | Subdrain W/Geotextile (12" CPEP, Class B Filter) | 1 -500 | L.F. | \$78.00 | \$160.33 | \$250.00 | 6 |
| 55.03 | Subdrain W/Geotextile (18" CPEP, Class B Filter) | 1 -1000 | L.F. | \$83.00 | \$128.33 | \$190.00 | 6 |
| 55.03 | Subdrain W/Geotextile (24" CPEP, Class B Filter) | 1 -1000 | L.F. | \$90.00 | \$113.33 | \$130.00 | 3 |
| 55.03 | Subdrain, W/Geotextile (42" CPEP Type SP) Class B bedding | 1 -1000 | L.F. | \$70.00 | \$103.75 | \$130.00 | 4 |

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| 55.03 | Subdrain, W/Geotextile (48" CPEP Type SP) Class B bedding | 1 -5000 | L.F. | \$100.00 | \$134.50 | \$168.00 | 4 |
| 55.04 | Construct Type D Inlet Box | 1 -20 | EA. | \$4,500.00 | \$6,863.33 | \$9,000.00 | 6 |
| 55.04 | Construct Type I, Catch Basin/Manhole | 1 -20 | EA. | \$3,000.00 | \$4,552.50 | \$9,450.00 | 16 |
| 55.04 | Construct Type I, Catch Basin/Manhole | Above 20 | EA. | \$3,200.00 | \$4,145.50 | \$5,500.00 | 6 |
| 55.04 | Construct Type I, Manhole | 1 -20 | EA. | \$2,384.00 | \$5,464.55 | \$12,000.00 | 29 |
| 55.04 | Construct Type II, Catch Basin/Manhole | 1 -20 | EA. | \$5,000.00 | \$6,095.00 | \$8,400.00 | 9 |
| 55.04 | Construct Type II, Manhole | 1 -20 | EA. | \$6,000.00 | \$7,838.33 | \$10,500.00 | 15 |
| 55.04 | Construct Type III, Catch Basin/Manhole | 1 -20 | EA. | \$9,000.00 | \$11,708.33 | \$17,000.00 | 6 |
| 55.04 | Construct Type III, Manhole | 1 -10 | EA. | \$12,000.00 | \$23,014.29 | \$39,400.00 | 7 |
| 55.05 | Additional Depth to Type I Manhole | 1 -100 | L.F. | \$70.00 | \$267.29 | \$635.00 | 10 |
| 55.06 | Construct Catch Basin | 1 -5 | EA. | \$2,240.00 | \$4,213.75 | \$7,800.00 | 12 |
| 55.06 | Construct Catch Basin | Above 5 | EA. | \$2,052.00 | \$2,959.25 | \$3,900.00 | 12 |
| 55.07 | Connect to Existing Storm Drain Manholes | 1 -50 | EA. | \$560.00 | \$2,683.91 | \$6,000.00 | 23 |
| 55.08 | Construct Drop Storm Drain Connection, Detail 55.21 | 1 -5 | EA. | \$1,000.00 | \$2,866.67 | \$5,000.00 | 3 |
| 55.11 | Construct Open Ditch | 1 -1000 | L.F. | \$5.00 | \$10.50 | \$15.00 | 4 |
| 55.13 | Dry Well | 1 -10 | EA. | \$2,074.00 | \$4,742.50 | \$7,411.00 | 2 |
| 55.14 | Abandon Manhole in Place | 1 -10 | EA. | \$1,000.00 | \$1,175.00 | \$1,600.00 | 4 |
| 55.14 | Abandon Pipe in Place (8") | 1 -500 | L.F. | \$5.00 | \$19.75 | \$40.00 | 4 |
| 55.15 | Oil and Grit Separator Model, STC 13000 | 1 -5 | EA | \$75,000.00 | \$146,666.67 | \$250,000.00 | 3 |
| 55.15 | Oil and Grit Seperator, Vortechs Model 5000 | 1 -5 | EA. | \$60,000.00 | \$83,333.33 | \$120,000.00 | 3 |
| 55.17 | Remove Existing Storm Drain Culvert | 1 -500 | L.F. | \$7.00 | \$19.98 | \$34.80 | 11 |
| 55.17 | Remove Existing Storm Drain Culvert | Above 500 | L.F. | \$16.00 | \$18.67 | \$20.00 | 3 |
| 55.21 | Construct Lift Station (Scenic Park Subdv. 02-22) | 1 | L.S. | \$194,500.00 | \$429,833.33 | \$855,000.00 | 3 |
| 55.21 | Lift Station Electircal Controls (Scenic Park Subdv 02-22) | 1 | L.S. | \$30,000.00 | \$94,438.33 | \$173,315.00 | 3 |
| 60.02 | Furnish and Install 8" DIP, Class 52 Water Main | 1 -100 | L.F. | \$50.00 | \$153.33 | \$210.00 | 3 |
| 60.02 | Furnish and Install, 10" HDPE SDR 11 Water Main | 1 -1000 | L.F. | \$44.00 | \$94.67 | \$140.00 | 3 |

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|-------------|--|--------------|-------|-------------|-------------|--------------|-----------|
| 60.02 | Furnish and Install, 12" HDPE SDR 11 Water Main | Above 1000 | L.F. | \$34.00 | \$74.67 | \$95.00 | 3 |
| 60.02 | Furnish and Install, 8" HDPE SDR 11 Water Main | 1 -1000 | L.F. | \$47.00 | \$129.00 | \$200.00 | 3 |
| 60.03 | F & I, 16" Butterfly Valve (box and marker included) | 1-10 | E.A. | \$2,240.00 | \$8,106.67 | \$15,000.00 | 6 |
| 60.03 | Furnish and Install 8" Gate Valve, VB and Marker | 1 -10 | EA. | \$1,600.00 | \$2,500.00 | \$4,000.00 | 3 |
| 60.03 | Furnish and Install 10" Gate Valve, VB and Marker | 1 -10 | EA. | \$2,200.00 | \$3,200.00 | \$4,000.00 | 3 |
| 60.03 | Furnish and Install 12" Gate Valve, VB and Marker | 1 -10 | EA. | \$2,500.00 | \$3,950.00 | \$5,400.00 | 2 |
| 60.04 | Furnish & Install Fire Hydrant Assembly (Single Pumper) | 1 -50 | EA. | \$5,000.00 | \$7,480.83 | \$11,000.00 | 12 |
| 60.04 | Furnish and Install Fire Hydrant Assembly (Double Pumper) | 1 -10 | EA. | \$7,400.00 | \$9,366.67 | \$12,700.00 | 3 |
| 60.06 | Furnish and Install 1 1/2" Water Service with Key Box | 1 -500 | L.F. | \$105.00 | \$475.00 | \$1,200.00 | 3 |
| 60.06 | Furnish and Install 1" Irrigation Water Service with Key Box | 1 -10 | EA. | \$2,000.00 | \$2,533.33 | \$3,000.00 | 3 |
| 60.06 | Furnish and Install 1" Irrigation Water Service with Key Box | 1 -500 | L.F. | \$80.00 | \$400.00 | \$1,000.00 | 3 |
| 60.06 | Furnish and Install Meter Assembly | 1 -10 | EA. | \$3,800.00 | \$4,566.67 | \$5,000.00 | 3 |
| 60.08 | Connect to Existing Water Line | 1 -10 | EA. | \$1,500.00 | \$4,000.00 | \$7,500.00 | 3 |
| 60.09 | Remove Fire Hydrant Assembly | 1 -50 | EA. | \$1,500.00 | \$2,562.00 | \$5,000.00 | 10 |
| 60.10 | Furnish and Install Anode | 1 -100 | EA. | \$230.00 | \$366.43 | \$525.00 | 7 |
| 60.10 | Replace Valve Box | 1 -10 | EA. | \$400.00 | \$721.60 | \$1,000.00 | 5 |
| 60.11 | Replace Valve Box Top Section | 1 -50 | EA. | \$300.00 | \$450.00 | \$800.00 | 4 |
| 60.11 | Reset Valve Box | 1 -50 | EA. | \$265.00 | \$566.25 | \$1,200.00 | 4 |
| 60.20 | F & I Irrigation Meter Assembly | 1 -20 | EA. | \$1,630.00 | \$3,110.00 | \$6,000.00 | 3 |
| 60.20 | Irrigation System (Fireweed/LaTouche 04-18) | 1 | L.S. | \$40,000.00 | \$63,333.33 | \$100,000.00 | 3 |
| 65.02 | 2 Person Survey Crew | 1 -100 | HR. | \$150.00 | \$198.73 | \$252.00 | 38 |
| 65.02 | Construction Survey Measurement | 1 | L.S. | \$500.00 | \$13,323.47 | \$100,000.00 | 109 |
| 65.02 | Existing Monument Search | 1 | L.S. | \$150.00 | \$2,534.19 | \$7,000.00 | 27 |
| 65.02 | Survey Monument Installed | 1 -25 | EA. | \$150.00 | \$215.71 | \$280.00 | 7 |
| 66.02 | Survey Monument Installed in Monument Case | 1 -20 | EA. | \$220.00 | \$254.34 | \$320.00 | 13 |
| 70.02 | Adjust Manhole Cone | 1 -20 | EA. | \$1,000.00 | \$1,450.00 | \$2,100.00 | 3 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|------------|-------------|-------------|-----------|
| 70.02 | Adjust Manhole Cone to Finish Grade | 1 -20 | EA. | \$900.00 | \$1,575.00 | \$3,100.00 | 8 |
| 70.03 | Adjust Manhole Ring | 1 -20 | EA. | \$250.00 | \$536.67 | \$1,100.00 | 18 |
| 70.03 | Adjust Manhole Ring to Finish Grade | 1 -20 | EA. | \$250.00 | \$655.43 | \$1,200.00 | 14 |
| 70.04 | Adjust Catch Basin to Finish Grade | 1 -20 | EA. | \$400.00 | \$600.00 | \$1,000.00 | 3 |
| 70.06 | Relocate Existing Catch Basin Manhole | 1 -10 | EA. | \$1,600.00 | \$1,950.00 | \$2,400.00 | 4 |
| 70.07 | Remove Existing Catch Basin | 1 -20 | EA. | \$478.00 | \$1,010.27 | \$2,750.00 | 11 |
| 70.07 | Remove Existing Manhole | 1 -20 | EA. | \$475.00 | \$1,241.96 | \$2,600.00 | 28 |
| 70.08 | Adjust Main Line Valve Box to Finish Grade | 1 -20 | EA. | \$200.00 | \$491.90 | \$1,000.00 | 30 |
| 70.14 | Remove and Reset Fence | 1 -50 | L.F. | \$30.00 | \$111.05 | \$192.10 | 2 |
| 70.14 | Remove and Reset Fence | 50 -100 | L.F. | \$20.00 | \$41.39 | \$70.00 | 9 |
| 70.14 | Remove and Reset Fence | Above 100 | L.F. | \$10.00 | \$35.92 | \$55.00 | 6 |
| 70.14 | Remove Fence | 1 -100 | L.F. | \$20.00 | \$24.33 | \$28.00 | 3 |
| 70.14 | Remove Fence | Above 100 | L.F. | \$4.00 | \$7.20 | \$12.00 | 33 |
| 70.17 | Raise or Lower Existing Water Main | 1 -10 | EA. | \$2,800.00 | \$17,111.11 | \$35,000.00 | 9 |
| 70.18 | Insulation Board (R=18) | 1 -1000 | S.F. | \$2.00 | \$5.13 | \$12.00 | 10 |
| 70.18 | Insulation Board (R=20) | 1 -500 | S.F. | \$5.00 | \$5.67 | \$7.30 | 9 |
| 70.18 | Insulation Board (R=4.5) | 1 -1000 | S.F. | \$2.00 | \$3.23 | \$4.50 | 6 |
| 70.18 | Insulation Board (R=9) | 1 -1000 | S.F. | \$1.80 | \$5.11 | \$13.00 | 5 |
| 70.18 | Insulation Board (R=9) | Above 1000 | S.F. | \$1.00 | \$2.64 | \$5.00 | 10 |
| 70.19 | Methylemethacrylate Painted Traffic Markings (12" White) | 1 -5000 | L.F. | \$6.80 | \$7.53 | \$9.40 | 6 |
| 70.19 | Methylemethacrylate Painted Traffic Markings (18" White) | 1 -1000 | L.F. | \$9.00 | \$10.42 | \$12.50 | 6 |
| 70.19 | Methylemethacrylate Painted Traffic Markings (4" White) | 1 -10,000 | L.F. | \$1.00 | \$1.52 | \$2.25 | 12 |
| 70.19 | Methylemethacrylate Painted Traffic Markings (4" Yellow) | 1 -10,000 | L.F. | \$1.00 | \$1.53 | \$2.25 | 12 |
| 70.19 | Methylemethacrylate Painted Traffic Markings (8" White) | 1 -5000 | L.F. | \$2.00 | \$2.94 | \$3.50 | 6 |
| 70.19 | Methylemethacrylate Painted Traffic Markings (Words and Legends) | 1 -50 | EA. | \$170.00 | \$329.17 | \$400.00 | 6 |
| 70.19 | Thermoplastic Traffic Markings (24" White) | 1 -1000 | L.F. | \$7.30 | \$10.29 | \$14.00 | 8 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|-------------|--------------|--------------|-----------|
| 70.19 | Thermoplastic Traffic Markings (4" Dashed Yellow) | 1 -10,000 | L.F. | \$1.10 | \$1.36 | \$2.00 | 4 |
| 70.19 | Thermoplastic Traffic Markings (4" White) | 1 -10,000 | L.F. | \$1.60 | \$2.09 | \$3.00 | 4 |
| 70.19 | Thermoplastic Traffic Markings (4" Yellow) | 1 -10,000 | L.F. | \$1.60 | \$2.09 | \$3.00 | 4 |
| 70.19 | Thermoplastic Traffic Markings (8" White) | 1 -1000 | L.F. | \$3.25 | \$3.94 | \$5.00 | 8 |
| 70.19 | Thermoplastic Traffic Markings (Words and Legends) | 1 -50 | EA. | \$450.00 | \$617.00 | \$1,150.00 | 20 |
| 70.19 | Traffic Markings (4" Dashed Yellow) | 1 -10,000 | L.F. | \$1.20 | \$3.11 | \$5.00 | 6 |
| 70.19 | Traffic Markings (4" Dashed Yellow) | Above 10,000 | L.F. | \$2.42 | \$2.56 | \$2.75 | 3 |
| 70.19 | Traffic Markings (4" Solid White) | 1 -10,000 | L.F. | \$1.60 | \$2.99 | \$5.00 | 12 |
| 70.19 | Traffic Markings (4" Solid Yellow) | 1 -10,000 | L.F. | \$2.25 | \$3.74 | \$5.00 | 6 |
| 70.19 | Traffic Markings (4" Solid Yellow) | Above 10,000 | L.F. | \$1.60 | \$2.10 | \$3.00 | 3 |
| 70.19 | Traffic Markings (8" Solid White) | 1 -1000 | L.F. | \$3.50 | \$6.47 | \$10.00 | 9 |
| 70.19 | Traffic Markings (8" Solid White) | Above 1000 | L.F. | \$3.10 | \$4.17 | \$6.00 | 3 |
| 70.19 | Traffic Markings (18" Yellow Solid) | 1 -1000 | L.F. | \$7.10 | \$12.53 | \$22.00 | 12 |
| 70.19 | Traffic Markings (24" Solid White) | 1 -1000 | L.F. | \$5.00 | \$14.13 | \$29.40 | 17 |
| 70.19 | Traffic Markings, Symbols | 1 -100 | EA. | \$250.00 | \$568.08 | \$900.00 | 13 |
| 70.20 | Remove and Re-Set Existing Signs | 1 -50 | EA. | \$150.00 | \$240.88 | \$500.00 | 8 |
| 70.20 | Remove Sign Assembly | 1 -10 | EA. | \$125.00 | \$295.00 | \$600.00 | 3 |
| 70.20 | Remove Signs | 1 -100 | EA. | \$65.00 | \$98.33 | \$160.00 | 6 |
| 70.20 | Standard Sign | 1 -100 | S.F. | \$50.00 | \$74.35 | \$112.00 | 18 |
| 70.20 | Standard Signs | Above 100 | S.F. | \$45.00 | \$58.19 | \$85.00 | 18 |
| 70.21 | Traffic Control | 1 | L.S. | \$30,000.00 | \$126,666.67 | \$200,000.00 | 3 |
| 70.21 | Traffic Maintenance | 1 | L.S. | \$1,000.00 | \$64,755.78 | \$600,000.00 | 82 |
| 70.22 | Adjust Electrical/ Telephone Manhole | 1 -20 | EA. | \$1,000.00 | \$2,333.33 | \$4,000.00 | 3 |
| 70.22 | Furnish and Install Sound Barrier, Wood (E. N. Lights Blvd. 04-03) | 1 -1000 | L.F. | \$220.00 | \$301.21 | \$408.00 | 27 |
| 70.23 | Relocate Mailbox | 1 -10 | EA. | \$145.00 | \$522.33 | \$1,000.00 | 12 |
| 70.23 | Silt Fence | 1 -500 | L.F. | \$3.00 | \$12.33 | \$24.00 | 3 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|-------------|-------------|-------------|-----------|
| 70.24 | Remove and set Shelter | 1 -10 | EA. | \$145.00 | \$431.67 | \$650.00 | 3 |
| 70.24 | Remove Existing A.C. Sewer pipe | 1 -1000 | L.F. | \$20.00 | \$110.00 | \$200.00 | 3 |
| 70.24 | Remove Existing Cast Iron Sewer Main | 1 -1000 | L.F. | \$9.00 | \$22.25 | \$40.00 | 4 |
| 70.24 | Remove Existing Pipe | 1 -1000 | L.F. | \$6.00 | \$26.23 | \$100.00 | 18 |
| 70.24 | Remove Existing Pipe | Above 1000 | L.F. | \$6.00 | \$13.94 | \$31.00 | 13 |
| 70.24 | Remove Mailbox | 1 -100 | EA. | \$140.00 | \$266.67 | \$500.00 | 3 |
| 70.25 | Driveway Reconstruction, Concrete (Strawberry Rd 90-07) | 1 -50 | EA. | \$620.00 | \$2,299.17 | \$5,000.00 | 6 |
| 70.25 | Driveway Reconstruction, Gravel (Strawberry Rd. 90-07) | 1 -50 | EA. | \$165.00 | \$557.00 | \$1,100.00 | 5 |
| 70.25 | Driveway Reconstuction, Asphalt (Strawberry Rd. 90-07) | 1 -50 | EA. | \$570.00 | \$922.00 | \$1,750.00 | 5 |
| 70.25 | Energy Dissipation Structure | 1 | L.S. | \$22,000.00 | \$40,000.00 | \$55,000.00 | 3 |
| 70.25 | Existing Driveway Reconstruction, Asphalt | 1 -1000 | S.F. | \$25.00 | \$30.83 | \$37.50 | 3 |
| 70.25 | Existing Driveway Reconstruction, Asphalt | 1 -5000 | S.Y. | \$37.00 | \$46.20 | \$60.00 | 5 |
| 70.25 | Existing Driveway Reconstruction, Concrete | 1 -1000 | S.F. | \$15.00 | \$79.33 | \$165.00 | 3 |
| 70.25 | Existing Driveway Reconstruction, Concrete | 1 -1000 | S.Y. | \$30.25 | \$58.63 | \$87.00 | 2 |
| 70.26 | Furnish Project Office | 1 | L.S. | \$27,000.00 | \$29,000.00 | \$30,000.00 | 3 |
| 70.29 | F & I Recycled Plastic Bollards | 1 -100 | EA. | \$300.00 | \$416.67 | \$600.00 | 3 |
| 70.42 | Remove Existing Pipe | 1 -500 | L.F. | \$15.00 | \$20.00 | \$24.00 | 3 |
| 75.02 | Edging, Plastic Landscaping | 1 -1000 | L.F. | \$5.00 | \$5.27 | \$5.50 | 3 |
| 75.02 | Perennials, Aster sibericus 'Aster' #1 container | 1 -500 | EA. | \$14.00 | \$14.50 | \$15.00 | 3 |
| 75.02 | Perennials, Bergenia cordifolia #SP4 | 1 -200 | EA. | \$21.00 | \$27.83 | \$38.25 | 4 |
| 75.02 | Perennials, Clematis tangutica 'Yellow Flowering Clematis' | 1 -200 | EA. | \$9.50 | \$10.17 | \$11.00 | 3 |
| 75.02 | Perennials, Fragraria sp 'Strawberry' SP4 | 1 -500 | EA. | \$14.00 | \$14.72 | \$15.00 | 6 |
| 75.02 | Perennials, Iris setosa 'Blue Flag Iris' | 1 -500 | EA. | \$21.00 | \$26.00 | \$31.00 | 2 |
| 75.02 | Perennials, Iris siberica 'Siberian Iris' | 1 -500 | EA. | \$9.50 | \$10.17 | \$11.00 | 3 |
| 75.02 | Perennials, Lupinus so. 'Lupine' #1 container | 1 -1000 | EA. | \$14.00 | \$14.50 | \$15.00 | 3 |
| 75.02 | Perennials, Rheum rhaponticum 'Rhubarb' #2 container | 1 -1000 | EA. | \$14.00 | \$14.72 | \$15.00 | 6 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|----------|-------------|------------|-----------|
| 75.02 | Shrubs, Acer ginala 'Bailey Compact Amur Maple' 48" Min | 1 -100 | EA. | \$69.25 | \$107.12 | \$259.34 | 12 |
| 75.02 | Shrubs, Actinidia deliciosa 'Kiwifruit', 24" Ht. | 1 -100 | EA. | \$14.00 | \$14.67 | \$15.00 | 3 |
| 75.02 | Shrubs, Caragana arborescens 'Siberian Pea Shrub' | 1 -100 | EA. | \$100.00 | \$183.33 | \$330.00 | 3 |
| 75.02 | Shrubs, Cotoneaster lucidus 'Peking Cotoneaster' 36" Ht | 1 -100 | EA. | \$38.00 | \$116.63 | \$195.25 | 2 |
| 75.02 | Shrubs, Cotoneaster lucidus 'Peking Cotoneaster' 36" Ht | Above 100 | EA. | \$42.00 | \$45.33 | \$50.00 | 3 |
| 75.02 | Shrubs, Cotoneaster lucidus 'Peking Cotoneaster', 24" Ht. | 1 -200 | EA. | \$40.00 | \$44.25 | \$49.00 | 4 |
| 75.02 | Shrubs, Humulus lupulus 'Aureus' (Golden Hop) | 1 -100 | EA. | \$9.50 | \$10.17 | \$11.00 | 3 |
| 75.02 | Shrubs, Juniperus horizontalis 'Blue Chip Creeping Juniper' 18"-24" spr. | 1 -200 | EA. | \$50.00 | \$51.00 | \$53.00 | 3 |
| 75.02 | Shrubs, Juniperus scopulorum 'Rocky Mountain Juniper' 18"-24" spr. | 1 -50 | EA. | \$50.00 | \$51.00 | \$53.00 | 3 |
| 75.02 | Shrubs, Physocarpus opulifolius 'Monlo' (Diablo Ninebark) 30" Ht. | 1 -200 | EA. | \$35.00 | \$38.00 | \$42.00 | 3 |
| 75.02 | Shrubs, Potentilla fruticosa 'Pink Beauty' 24' Ht. | 1 -200 | EA. | \$40.00 | \$44.25 | \$49.00 | 4 |
| 75.02 | Shrubs, Potentilla fruticosa 'Red Sunset' 16" Ht. | 1 -200 | EA. | \$40.00 | \$44.25 | \$49.00 | 4 |
| 75.02 | Shrubs, Prunus X cistena 'Purple Leaf Sandcherry' 30" Ht | 1 -200 | EA. | \$40.00 | \$44.33 | \$50.00 | 3 |
| 75.02 | Shrubs, Ribes alpinum 'Alpine Currant' 24" Ht | 1 -1000 | EA. | \$34.00 | \$40.08 | \$50.00 | 6 |
| 75.02 | Shrubs, Ribes alpinum 'Alpine Currant' 36"min | 1 -100 | EA. | \$50.00 | \$79.18 | \$104.18 | 6 |
| 75.02 | Shrubs, Rosa rugosa 'Hansa' 24" Ht. | 1 -200 | EA. | \$40.00 | \$63.39 | \$97.70 | 9 |
| 75.02 | Shrubs, Rosa rugosa 'Henry Hudson' 18" Ht. | 1 -500 | EA. | \$40.00 | \$44.33 | \$50.00 | 3 |
| 75.02 | Shrubs, Rubus strigosus 'American Raspberry', 24" Ht. | 1 -500 | EA. | \$34.00 | \$40.00 | \$50.00 | 3 |
| 75.02 | Shrubs, Spiraea X bumalda 'Froebeli' 24" Ht. | 1 -200 | EA. | \$40.00 | \$44.25 | \$49.00 | 4 |
| 75.02 | Shrubs, Spiraea X bumalda 'Goldflame' (Goldflame Spiraea) 24" Ht. | 1 -100 | EA. | \$38.00 | \$74.52 | \$110.26 | 13 |
| 75.02 | Shrubs, Syringa vulgaris 'Common Lilac' 3'-4' Ht. | 1 -50 | L.F. | \$100.00 | \$120.00 | \$140.00 | 3 |
| 75.02 | Shrubs, Viburnum trilobum 'American Cranberry', 36"Ht | 1 -100 | EA. | \$42.00 | \$45.33 | \$50.00 | 3 |
| 75.02 | Shrubs, Viburnum trilobum 'American Cranberry', 36"Ht | Above 100 | EA. | \$34.00 | \$40.00 | \$50.00 | 3 |
| 75.02 | Shrubs, Viburnum trilobum bailey 'Bailey's Compact Cranberry' | 1-200 | EA. | \$35.00 | \$38.00 | \$42.00 | 3 |
| 75.02 | Trees, Betula papyrifera (Paper Birch, 18" min) | 1 -100 | EA. | \$600.00 | \$856.01 | \$1,171.83 | 6 |
| 75.02 | Trees, Betula papyrifera 2" Cal. (Paper Birch) | 1 -100 | EA. | \$400.00 | \$435.00 | \$480.00 | 4 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|---|--------------|--------|------------|-------------|------------|-----------|
| 75.02 | Trees, Betula papyrifera 2.5" Cal. (Paper Birch) | 1 -100 | EA. | \$300.00 | \$350.00 | \$400.00 | 3 |
| 75.02 | Trees, Betula papyrifera 3" Cal. Or 20' (Paper Birch) | 1 -100 | EA. | \$380.00 | \$391.67 | \$400.00 | 3 |
| 75.02 | Trees, Betula pendula (Weeping Birch) 2.5" Cal. | 1 -100 | EA. | \$400.00 | \$416.67 | \$450.00 | 3 |
| 75.02 | Trees, Betula populifolia (Clump Birch) Caliper 3, 2.5", 2", 1" | 1 -100 | EA. | \$350.00 | \$375.00 | \$395.00 | 3 |
| 75.02 | Trees, Crataegus crus gali (Cockspur Hawthorne) 3" cal. | 1 -100 | EA. | \$350.00 | \$824.58 | \$1,953.00 | 9 |
| 75.02 | Trees, Larix russica (Siberian Larch) 6'-8' Ht | 1 -100 | EA. | \$500.00 | \$534.67 | \$565.00 | 6 |
| 75.02 | Trees, Picea glauca (White Spruce) 6'-8' HT. | 1 -100 | EA. | \$300.00 | \$328.33 | \$360.00 | 3 |
| 75.02 | Trees, Picea pungens (Colorado Green Spruce) 2" Cal 5'-6" Ht | 1 -100 | EA. | \$450.00 | \$575.50 | \$790.00 | 10 |
| 75.02 | Trees, Picea pungens 'Glaucua' (Colorado Blue Spruce) 6' -7' | 1 -100 | EA. | \$200.00 | \$512.28 | \$846.36 | 9 |
| 75.02 | Trees, Populus tremula 'Erecta' (Swedish Aspen) | 1 -100 | EA. | \$660.50 | \$869.25 | \$1,078.00 | 2 |
| 75.02 | Trees, Prunus maackii (Amur Chokecherry) 2 " Caliper 10'-12' Ht | 1 -100 | EA. | \$500.00 | \$526.25 | \$570.00 | 4 |
| 75.02 | Trees, Prunus maackii (Amur Chokecherry) 2 1/2" Caliper 8'-10' Ht | 1 -100 | EA. | \$350.00 | \$380.00 | \$415.00 | 3 |
| 75.02 | Trees, Prunus maackii (Amur Chokecherry) 3" caliper | 1 -100 | EA. | \$200.00 | \$270.00 | \$310.00 | 3 |
| 75.02 | Trees, Prunus virginiana (Canada Red Cherry) 3" cal, 10'-12' Ht | 1 -100 | EA. | \$683.25 | \$800.63 | \$918.00 | 2 |
| 75.04 | Topsoil, 4" | 0 -1 | M.S.F. | \$600.00 | \$1,549.60 | \$3,000.00 | 15 |
| 75.04 | Topsoil, 4" | 2 -50 | M.S.F. | \$260.00 | \$645.37 | \$1,442.00 | 58 |
| 75.04 | Topsoil, 4" | 51 -100 | M.S.F. | \$800.00 | \$853.33 | \$900.00 | 3 |
| 75.04 | Topsoil, 24" | 0 -10 | MSF | \$3,000.00 | \$3,100.00 | \$3,300.00 | 3 |
| 75.05 | Seeding (Schedule A) | 0 -1 | M.S.F. | \$1,125.00 | \$2,543.63 | \$4,700.00 | 8 |
| 75.05 | Seeding (Schedule A) | 2 -25 | M.S.F. | \$366.22 | \$684.35 | \$2,078.00 | 43 |
| 75.05 | Seeding (Schedule A) | Above 25 | M.S.F. | \$134.00 | \$251.33 | \$342.00 | 9 |
| 75.05 | Seeding (Schedule E) | 0 -10 | M.S.F. | \$150.00 | \$566.50 | \$1,875.00 | 10 |
| 75.05 | Seeding (Schedule E) | Above 10 | M.S.F. | \$150.00 | \$150.67 | \$152.00 | 3 |
| 75.06 | F & I Chain Link/Wood Fence 6' (9 gage) | 1 -2000 | L.F. | \$44.00 | \$48.00 | \$52.00 | 4 |
| 75.07 | Bollard Fence | 1 -100 | L.F. | \$80.00 | \$118.33 | \$150.00 | 3 |
| 75.07 | Boulder, Large | 1 -50 | EA. | \$150.00 | \$263.08 | \$330.00 | 13 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|---|--------------|-------|-------------|-------------|-------------|-----------|
| 75.07 | Boulder, Medium | 1 -50 | EA. | \$190.00 | \$195.33 | \$200.00 | 6 |
| 75.07 | Boulder, Small | 1 -50 | EA. | \$64.00 | \$82.83 | \$100.00 | 6 |
| 75.07 | Decorative Wall Barrier | 1 -2000 | L.F. | \$79.00 | \$86.33 | \$100.00 | 3 |
| 75.07 | Gate, 25' Double Cantilever Slide | 1 -5 | EA. | \$20,000.00 | \$21,925.00 | \$24,000.00 | 4 |
| 75.07 | Gate, 31' Double Cantilever Slide | 1 -5 | EA. | \$20,000.00 | \$22,875.00 | \$25,000.00 | 4 |
| 75.07 | Gate, Maintenance, 12' Wide | 1 -20 | EA. | \$4,000.00 | \$6,233.33 | \$7,700.00 | 3 |
| 75.07 | Moose Fencing | 1 -2000 | L.F. | \$7.00 | \$14.17 | \$25.00 | 9 |
| 75.07 | Remove Bollard | 1 -15 | EA. | \$100.00 | \$121.67 | \$150.00 | 3 |
| 75.07 | Screen Fencing | 1 -2000 | L.F. | \$64.00 | \$65.67 | \$68.00 | 3 |
| 75.07 | Wood Bollard | 1 -15 | EA. | \$216.00 | \$333.67 | \$500.00 | 3 |
| 75.07 | Wooden Edging | 1 -5000 | L.F. | \$8.50 | \$9.50 | \$10.00 | 3 |
| 75.09 | Cedar Fence (6 ft.) | 1 -1000 | L.F. | \$75.00 | \$78.33 | \$82.00 | 3 |
| 75.09 | Wood and Chain Link Fence | 1 -500 | L.F. | \$55.00 | \$57.00 | \$60.00 | 3 |
| 75.09 | Wood Screen Fence, 6' | 1 -2000 | L.F. | \$37.00 | \$40.75 | \$44.00 | 4 |
| 75.18 | Planter, Concrete (5' Square) | 1 -50 | EA. | \$2,640.00 | \$2,747.00 | \$2,854.00 | 2 |
| 75.18 | Planter, Concrete (5' x 17') | 1 -10 | EA. | \$4,340.50 | \$4,848.75 | \$5,357.00 | 2 |
| 75.18 | Planter, Concrete (5' x 18') | 1 -10 | EA. | \$4,664.00 | \$5,165.00 | \$5,666.00 | 2 |
| 75.18 | Planter, Concrete (5' x 6.5') | 1 -10 | EA. | \$4,720.00 | \$5,183.00 | \$5,646.00 | 2 |
| 75.18 | Planter, Concrete (5' x 8') | 1 -10 | EA. | \$4,953.00 | \$5,442.50 | \$5,932.00 | 2 |
| 80.01 | Temporary Signal System | 1 | L.S. | \$9,000.00 | \$47,000.00 | \$72,000.00 | 10 |
| 80.02 | Sawcut Trench | 1 -10,000 | L.F. | \$21.00 | \$32.33 | \$50.00 | 3 |
| 80.02 | Trench and Backfill (24" width) (36" depth) | 1 -10,000 | L.F. | \$2.30 | \$6.62 | \$10.00 | 10 |
| 80.02 | Trench and Backfill (Various Widths and Depths) | 1 -1000 | L.F. | \$5.00 | \$9.58 | \$30.00 | 16 |
| 80.02 | Trench and Backfill (Various Widths and Depths) | Above 1000 | L.F. | \$7.00 | \$26.11 | \$49.90 | 6 |
| 80.04 | Cast-In-Place Luminaire Pole Foundations | 1 -50 | EA. | \$1,700.00 | \$2,296.20 | \$2,750.00 | 10 |
| 80.04 | Controller Cabinet Foundation (Type P) | 1 -5 | EA. | \$3,500.00 | \$4,648.75 | \$8,500.00 | 16 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|------------|-------------|-------------|-----------|
| 80.04 | Driven Pile Luminaire Pole Foundations | Above 5 | EA. | \$1,800.00 | \$2,060.00 | \$2,480.00 | 3 |
| 80.04 | Electrolier Foundation | 1 -20 | EA. | \$2,100.00 | \$2,633.33 | \$3,000.00 | 3 |
| 80.04 | Load Center Foundation (Type 4) | 1 -5 | EA. | \$2,400.00 | \$2,900.00 | \$3,800.00 | 3 |
| 80.04 | Load Center Foundation (Type IA) | 1 -5 | EA. | \$1,155.00 | \$2,839.58 | \$3,700.00 | 12 |
| 80.04 | Pedestrian Pushbutton Pole Foundation | 1 -10 | EA. | \$1,080.00 | \$1,293.33 | \$1,500.00 | 3 |
| 80.04 | Remove Signal Pedestal Pole | 1 -20 | EA. | \$290.00 | \$570.00 | \$920.00 | 3 |
| 80.04 | Signal Mast Arm Pole Foundation | 1 -100 | EA. | \$2,885.00 | \$8,323.44 | \$36,700.00 | 16 |
| 80.04 | Signal Pedestal Pole Foundation | 1 -5 | EA. | \$1,385.00 | \$1,595.00 | \$1,900.00 | 3 |
| 80.05 | Combination Signal/Luminaire Pole (30'Mount Ht.) | 1 -20 | EA. | \$3,200.00 | \$10,614.17 | \$15,000.00 | 6 |
| 80.05 | Combination Signal/Luminaire Pole, (40' Mount Ht.) | 1 -20 | EA. | \$3,800.00 | \$14,906.67 | \$21,000.00 | 12 |
| 80.05 | Luminaire Pole, 40 ft. Fixed Base | 1 -50 | EA. | \$2,700.00 | \$3,091.83 | \$3,375.00 | 6 |
| 80.05 | Luminaire Pole, 40' Slip base with Arm | 1 -100 | EA. | \$3,300.00 | \$3,420.00 | \$3,500.00 | 3 |
| 80.05 | Luminare Pole, 30' Slip Base | 1 -100 | EA. | \$2,600.00 | \$3,270.71 | \$4,500.00 | 7 |
| 80.05 | Pedestrian Pushbutton Pole | 1 -10 | EA. | \$2,600.00 | \$3,766.67 | \$4,500.00 | 3 |
| 80.05 | Remove Pedestrian Pushbutton Pole | 1 -5 | EA. | \$500.00 | \$825.00 | \$1,650.00 | 4 |
| 80.05 | Salvage Electrolier | 1 -10 | EA. | \$600.00 | \$1,706.25 | \$3,800.00 | 4 |
| 80.05 | Signal Pedestal Pole | 1 -50 | EA. | \$2,300.00 | \$3,131.67 | \$4,500.00 | 3 |
| 80.06 | Luminaire Arm, 10' Length | 1 -50 | EA. | \$270.00 | \$306.67 | \$350.00 | 3 |
| 80.06 | Luminaire Arm, 15' Length | 1 -50 | EA. | \$320.00 | \$395.00 | \$465.00 | 3 |
| 80.06 | Luminaire Arm, 18' Length | 1 -50 | EA. | \$200.00 | \$403.11 | \$750.00 | 19 |
| 80.06 | Luminaire Arm, 22' Length | 1 -50 | EA. | \$750.00 | \$800.00 | \$850.00 | 3 |
| 80.06 | Luminaire Arm, Shepard's Crook | 1 -50 | EA. | \$262.50 | \$587.26 | \$1,000.00 | 18 |
| 80.06 | Signal Mast Arm, 36' Length | 1 -20 | EA. | \$5,100.00 | \$5,233.33 | \$5,500.00 | 3 |
| 80.06 | Signal Mast Arm, 40' Length | 1 -20 | EA. | \$3,900.00 | \$4,658.33 | \$5,075.00 | 3 |
| 80.06 | Signal Mast Arm, 45' Length | 1 -20 | EA. | \$4,200.00 | \$5,680.00 | \$6,500.00 | 3 |
| 80.06 | Signal Mast Arm, 50' Length | 1 -20 | EA. | \$4,800.00 | \$7,015.83 | \$8,000.00 | 6 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|------------|-------------|------------|-----------|
| 80.06 | Signal Mast Arm, 60' Length | 1 -20 | EA. | \$7,100.00 | \$8,440.00 | \$9,220.00 | 3 |
| 80.07 | 2" HDPE Conduit | 1 -5000 | L.F. | \$6.00 | \$6.62 | \$7.50 | 6 |
| 80.07 | 2" Steel Conduit (GRSC) | 1 -500 | L.F. | \$7.30 | \$47.70 | \$150.00 | 16 |
| 80.07 | 2" Steel Conduit (GRSC) | Above 500 | L.F. | \$5.90 | \$10.72 | \$16.10 | 22 |
| 80.07 | 3" Steel Conduit (GRSC) | 1 -500 | L.F. | \$16.10 | \$32.03 | \$42.00 | 4 |
| 80.07 | 3" Steel Conduit (GRSC) | Above 500 | L.F. | \$13.90 | \$18.80 | \$28.00 | 12 |
| 80.08 | Adjust Junction Box to Finish Grade | 1 -10 | EA. | \$250.00 | \$407.50 | \$625.00 | 4 |
| 80.08 | F&I, 8" square by 4" deep NEMA 3R Enclosure | 1 -5 | EA. | \$60.00 | \$319.36 | \$1,200.00 | 17 |
| 80.08 | Remove Junction Box | 1 -50 | EA. | \$115.00 | \$380.40 | \$1,000.00 | 16 |
| 80.08 | Type IA Junction Box | 1 -50 | EA. | \$400.00 | \$766.74 | \$4,025.33 | 30 |
| 80.08 | Type IA Junction Box | Over 50 | EA. | \$450.00 | \$510.00 | \$590.00 | 3 |
| 80.08 | Type II Junction Box | 1 -50 | EA. | \$825.00 | \$1,095.14 | \$1,500.00 | 14 |
| 80.08 | Type III Junction Box | 1 -50 | EA. | \$1,400.00 | \$1,747.58 | \$2,400.00 | 12 |
| 80.10 | Conductor, 7 PR #18 AWG | 1 -5000 | L.F. | \$5.40 | \$8.05 | \$11.50 | 3 |
| 80.10 | Conductor, 7 PR #18 Lead-IN Cable | 1 -5000 | L.F. | \$3.00 | \$4.44 | \$6.50 | 7 |
| 80.10 | Conductor, 25 PR #19 AWG PE-39 Telemetry Cable | 1 -5000 | L.F. | \$2.00 | \$4.96 | \$7.70 | 7 |
| 80.10 | Conductor, 1C #6 AWG | 1 -5000 | L.F. | \$0.75 | \$1.18 | \$1.80 | 3 |
| 80.10 | Conductor, 1C #8 AWG W/GND | 1 -5000 | L.F. | \$1.00 | \$1.14 | \$1.50 | 12 |
| 80.10 | Conductor, 25pr #19 AWG | 1 -5000 | L.F. | \$2.40 | \$3.47 | \$4.00 | 3 |
| 80.10 | Conductor, 2C #14 AWG | 1 -5000 | L.F. | \$1.60 | \$2.28 | \$3.00 | 4 |
| 80.10 | Conductor, 3C #6 AWG | 1 -5000 | L.F. | \$4.00 | \$4.67 | \$5.50 | 3 |
| 80.10 | Conductor, 3C #6 AWG Type TC Cable | 1 -100 | L.F. | \$6.00 | \$7.93 | \$10.80 | 3 |
| 80.10 | Conductor, 3C #6 AWG XHHW | 1 -5000 | L.F. | \$4.00 | \$10.56 | \$28.00 | 4 |
| 80.10 | Conductor, 3C #8 AWG | 1 -5000 | L.F. | \$3.00 | \$3.46 | \$5.50 | 19 |
| 80.10 | Conductor, 3C #8 AWG XHHW | 1 -5000 | L.F. | \$3.00 | \$3.90 | \$5.50 | 4 |
| 80.10 | Conductor, 3C #8 XHHW-2 Cable | 1 -5000 | L.F. | \$3.00 | \$3.40 | \$3.70 | 6 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|-------------|-------------|-------------|-----------|
| 80.10 | Conductor, 3C #10 AWG Type MC Cable | 1 -5000 | L.F. | \$3.00 | \$5.98 | \$8.05 | 12 |
| 80.10 | Conductor, 3C #14 AWG | 1 -5000 | L.F. | \$1.00 | \$2.06 | \$3.00 | 7 |
| 80.10 | Conductor, 3C #14 AWG IMSA 20-1 Cable | 1 -5000 | L.F. | \$1.00 | \$1.30 | \$1.80 | 3 |
| 80.10 | Conductor, 3C #20 AWG | 1 -5000 | L.F. | \$1.00 | \$1.62 | \$2.10 | 7 |
| 80.10 | Conductor, 3C #20 AWG Opticom Cable | 1 -5000 | L.F. | \$1.00 | \$1.30 | \$1.80 | 3 |
| 80.10 | Conductor, 5C #14 AWG | 1 -5000 | L.F. | \$1.75 | \$2.74 | \$4.80 | 7 |
| 80.10 | Conductor, 5C #14 AWG IMSA 20-1 Cable | 1 -5000 | L.F. | \$1.60 | \$1.97 | \$2.30 | 3 |
| 80.10 | Conductor, 7C #14 AWG | 1 -5000 | L.F. | \$2.00 | \$3.06 | \$5.40 | 7 |
| 80.10 | Conductor, 7C #14 AWG IMSA 20-1 Cable | 1 -5000 | L.F. | \$2.00 | \$2.50 | \$3.20 | 3 |
| 80.10 | Conductor, 7pr #18 AWG | 1 -5000 | L.F. | \$3.00 | \$4.97 | \$10.00 | 6 |
| 80.14 | Photocell Installation Complete | 1 -10 | EA. | \$100.00 | \$116.50 | \$150.00 | 6 |
| 80.14 | Post Mounted Load Center, Type 2 | 1 -5 | EA. | \$4,987.50 | \$6,937.32 | \$9,920.00 | 6 |
| 80.14 | Single Meter Pad-Mount Load Center, Type IA | 1 -5 | EA. | \$4,500.00 | \$6,364.00 | \$9,800.00 | 15 |
| 80.17 | Eight-Phase Controller Unit (Type P) | 1 -5 | EA. | \$26,000.00 | \$37,567.86 | \$50,100.00 | 7 |
| 80.17 | F & I Opticom Unit | 1 -10 | EA. | \$1,500.00 | \$3,166.67 | \$4,000.00 | 3 |
| 80.17 | Opticom Detector with Confirmation Light Model 721 | 1 -5 | EA. | \$1,270.00 | \$1,690.00 | \$2,000.00 | 3 |
| 80.17 | Opticom Detector with Confirmation Light Model 711 | 1 -5 | EA. | \$1,155.00 | \$2,851.67 | \$5,400.00 | 3 |
| 80.18 | Install Loop Detector, Existing Pavement | 1 -50 | EA. | \$960.00 | \$1,175.00 | \$1,500.00 | 6 |
| 80.18 | Install Loop Detector, New Work | 1 -20 | EA. | \$700.00 | \$1,350.00 | \$1,850.00 | 3 |
| 80.18 | Install Loop Detector, New Work | Above 20 | EA. | \$595.00 | \$891.31 | \$1,200.00 | 13 |
| 80.19 | 12" 3-Face LED Signal Head, Overhead Mount | 1 -20 | EA. | \$2,100.00 | \$2,384.17 | \$2,700.00 | 6 |
| 80.19 | 12" 5-Face LED Signal Head, Side Mount | 1 -20 | EA. | \$3,000.00 | \$3,468.33 | \$3,705.00 | 3 |
| 80.20 | Pedestrian LED Signal Head | 1 -10 | EA. | \$865.00 | \$1,295.71 | \$2,050.00 | 7 |
| 80.20 | Pedestrian LED Signal Head W/Countdown | 1 -10 | EA. | \$1,080.00 | \$1,564.17 | \$2,050.00 | 6 |
| 80.21 | Pedestrian Pushbutton Assembly | 1 -10 | EA. | \$450.00 | \$739.50 | \$1,200.00 | 10 |
| 80.22 | Hazard Beacon | 1 -10 | EA. | \$2,700.00 | \$9,066.67 | \$12,500.00 | 3 |

| Spec Number | Work Description | Est. Amounts | Units | Low Bid | Average Bid | High Bid | # of Bids |
|-------------|--|--------------|-------|-------------|-------------|-------------|-----------|
| 80.22 | Hazard Beacon Control Unit | 1 -10 | EA. | \$5,000.00 | \$6,000.00 | \$7,500.00 | 3 |
| 80.22 | Speed Limit Sign Beacon | 1 -5 | EA. | \$2,305.00 | \$6,301.67 | \$8,500.00 | 3 |
| 80.23 | Luminaire, 50W (Short, Full Cutoff) Type III | 1 -50 | EA. | \$1,000.00 | \$2,120.59 | \$3,560.15 | 18 |
| 80.23 | Luminaire, 250W M.C. Type III | 1 -50 | EA. | \$305.00 | \$481.00 | \$825.00 | 10 |
| 80.23 | Luminaire, 250W M.H. Type III Cutoff | 1 -100 | EA. | \$380.00 | \$433.33 | \$520.00 | 3 |
| 80.23 | Luminaire, 400 Watt MC Type III | 1 -20 | EA. | \$300.00 | \$400.47 | \$550.00 | 15 |
| 80.23 | Luminaire, 400W M.H. Type III Cutoff | 1 -50 | EA. | \$380.00 | \$458.33 | \$520.00 | 6 |
| 80.23 | Re-Lamp existing Luminaire | 1 -50 | EA. | \$250.00 | \$397.50 | \$765.00 | 4 |
| 80.28 | Remove Luminaire Pole | 1 -50 | EA. | \$580.00 | \$1,026.67 | \$1,800.00 | 3 |
| 80.28 | Remove Signal Combination Pole or Mast Arm | 1 -10 | EA. | \$2,300.00 | \$2,561.67 | \$2,885.00 | 3 |
| 80.30 | In-Pavement Lighting System | 1 | L.S. | \$40,000.00 | \$44,333.33 | \$48,000.00 | 3 |
| 80.30 | Relocate Light Pole | 1 -10 | EA. | \$3,800.00 | \$6,100.00 | \$7,500.00 | 3 |
| 80.30 | Variable Speed Sign | 1 | L.S. | \$44,070.00 | \$55,621.50 | \$67,173.00 | 2 |
| 80.32 | Electrolier | 1 -20 | EA. | \$3,700.00 | \$4,166.67 | \$4,800.00 | 3 |
| 80.34 | Photocell Installation, Complete | 1 -10 | EA. | \$540.00 | \$2,030.00 | \$5,000.00 | 3 |