Project Title: 41st Avenue Adaptive Traffic Signal System Final Cost Summary

| | CITY INTERSECTIONS | | | | | | | | | |
|-----------|--|----|---------|------------------------|-------------------|--------------|--------------|------------|------------|--|
| Item | Description | | Bid QTY | Actual Final QTY | QTY Difference | Unit Cost | Bid Amount | Final Cost | Difference | |
| | | | | | | | | | | |
| 1 | Traffic Control | LS | 1 | 1 | 0 | \$5,000.00 | \$5,000.00 | \$5,000 | \$0 | |
| 2 | Mobilization | LS | 1 | 1 | 0 | \$3,000.00 | \$3,000.00 | \$3,000 | \$0 | |
| 3 | Temporary Water Pollution Control | LS | 1 | 1 | 0 | \$2,500.00 | \$2,500.00 | \$2,500 | \$0 | |
| 4 | Utility Potholing | EA | 12 | 17 | 5 | \$1,325.00 | \$15,900.00 | \$22,525 | \$6,625 | |
| 5 | Furnish and Install Adaptive Traffic Signal System | LS | 1 | 1 | 0 | \$271,791.00 | \$271,791.00 | \$271,791 | \$0 | |
| 6 | Furnish and Install Category 6 Cable | LF | 2,400 | 2400 | 0 | \$5.13 | \$12,312.00 | \$12,312 | \$0 | |
| 7 | Furnish and Install No. 14 AWG Conductors | LF | 1,700 | 1700 | 0 | \$7.33 | \$12,461.00 | \$12,461 | \$0 | |
| 8 | Furnish and Install Ethernet Extender Device | EA | 4 | 1 | -3 | \$5,137.50 | \$20,550.00 | \$5,138 | -\$15,413 | |
| 9 | Furnish and Install Camera Mounting Hardware | EA | 16 | 16 | 0 | \$935.00 | \$14,960.00 | \$14,960 | \$0 | |
| 10 | Furnish and Install 3" Schedule 80 PVC Conduit | LF | 350 | 356 | 6 | \$157.86 | \$55,251.00 | \$56,198 | \$947 | |
| 11 | Furnish and Install Caltrans No. 5 Pull Box | EA | 6 | 3 | -3 | \$1,775.00 | \$10,650.00 | \$5,325 | -\$5,325 | |
| 12 | Furnish and Install wireless 4G Cellular Modem | EA | 2 | 2 | 0 | \$1,600.00 | \$3,200.00 | \$3,200 | \$0 | |
| 13 | Furnish and Install 2-cell Flexible Fabric Innerduct | LF | 1,700 | 1700 | 0 | \$8.53 | \$14,501.00 | \$14,501 | \$0 | |
| 14 | Minor Concrete | SF | 450 | 427.5 | -22.5 | \$41.00 | \$18,450.00 | \$17,528 | -\$923 | |
| Bid Total | | | | | | | \$460,526,00 | \$446,438 | -\$14.088 | |

| CALTRANS INTERSECTIONS | | | | | | | | | |
|------------------------|--|----|---------|------------------------|-------------------|--------------|--------------|------------|------------|
| Item | Description | | Bid QTY | Actual Final QTY | QTY Difference | Unit Cost | Bid Amount | Final Cost | Difference |
| - 1 | Traffic Control | LS | - | - 1 | 0 | \$4,709.38 | \$4.709.38 | \$4.709 | \$0 |
| 2 | Mobilization | LS | 1 | - | 0 | \$1.000.00 | \$1,000.00 | \$1,000 | \$0 |
| 3 | Furnish and Install Category 6 Cable | LE | 4000 | 4000 | 0 | \$6.13 | \$24.520.00 | \$24.520 | \$0 |
| 4 | Furnish and Install Ethernet Extender Device | EA | 2 | 2 | 0 | \$5.137.50 | \$10.275.00 | \$10.275 | \$0 |
| 5 | Furnish and Install Camera Mounting Hardware | EA | 8 | 8 | 0 | \$935.00 | \$7,480.00 | \$7,480 | \$0 |
| 6 | Furnish and Install wireless 4G Cellular Modem | EA | 1 | 1 | 0 | \$1,600.00 | \$1,600.00 | \$1,600 | \$0 |
| 7 | Furnish and Install 2-cell Flexible Fabric Innerduct | LF | 1.000 | 1000 | 0 | \$8.53 | \$8,530.00 | \$8,530 | \$0 |
| 8 | Furnish and Install Adaptive Traffic Signal System | LS | 1 | 1 | 0 | \$220,873.00 | \$220,873.00 | \$220,873 | \$0 |
| 9 | 41st Ave & Capitola Signal Rewire | LS | 1 | 1 | 0 | \$25,150.00 | \$25,150.00 | \$25,150 | \$0 |
| 10 | MVDS Communication Cable | LF | 1000 | 1000 | 0 | \$8.75 | \$8,750.00 | \$8,750 | \$0 |
| 11 | MVDS Communication System | LS | 1 | 1 | 0 | \$9,275.00 | \$9,275.00 | \$9,275 | \$0 |
| 12 | Furnish and Install Category 6 Cable | LF | 3600 | 1011 | -2589 | \$5.13 | \$18,468.00 | \$5,186 | -\$13,282 |
| 13 | Furnish and install No. 14 AWG conductors | LF | 4,300 | 1711 | -2589 | \$7.33 | \$31,519.00 | \$12,542 | -\$18,977 |
| Bid Total | | | | | | | \$372,149.38 | \$339,890 | -\$32,259 |

| \$747,012.17 |
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| 620 246 42 |
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| Progress Payment | #1 | Progress Payment | #2 | Progress Payment | #3 | Progress Payment | #4 | Progress Payment | #4 |
|---------------------|--------------|---------------------|-------------|---------------------|-------------|---------------------|-------------|---------------------|-------------|
| QTY Billed | Cost | QTY Billed | Cost | QTY Billed | Cost | QTY Billed | Cost | QTY Billed | Cost |
| 0.5 | \$2.500.00 | | \$0.00 | 0.5 | \$2.500.00 | | \$0.00 | | \$0.00 |
| 1 | \$3,000.00 | | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 |
| 1 | \$2,500.00 | | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 |
| 12 | \$15,900.00 | | \$0.00 | 5 | \$6,625.00 | | \$0.00 | | \$0.00 |
| 0.8 | \$217,432.80 | 0.15 | \$40,768.65 | | \$0.00 | 0.05 | \$13,589.55 | | \$0.00 |
| | \$0.00 | 2400 | \$12,312.00 | | \$0.00 | | \$0.00 | | \$0.00 |
| | \$0.00 | 1700 | \$12,461.00 | | \$0.00 | | \$0.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | 1 | \$5,137.50 | | \$0.00 | | \$0.00 |
| | \$0.00 | 12 | \$11,220.00 | 4 | \$3,740.00 | | \$0.00 | | \$0.00 |
| 285 | \$44,990.10 | | \$0.00 | 71 | \$11,208.06 | | \$0.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | 1 | \$1,775.00 | | \$0.00 | 2 | \$3,550.00 |
| | \$0.00 | | \$0.00 | 1 | \$1,600.00 | 1 | \$1,600.00 | | \$0.00 |
| | \$0.00 | 825 | \$7,037.25 | 875 | \$7,463.75 | | \$0.00 | | \$0.00 |
| 60 | \$2,460.00 | | \$0.00 | 9 | \$369.00 | | \$0.00 | 358.5 | \$14,698.50 |
| ubtotal | \$288,782.90 | Subtotal | \$83,798.90 | Subtotal | \$40,418.31 | Subtotal | \$15,189.55 | Subtotal | \$18,248.50 |
| % Retention | \$14,439.15 | 5% Retention | \$4,189.95 | 5% Retention | \$2,020.92 | 5% Retention | \$759.48 | 5% Retention | \$912.43 |
| ubtotal | \$274,343.76 | Subtotal | \$79,608.96 | Subtotal | \$38,397.39 | Subtotal | \$14,430.07 | Subtotal | \$17,336.08 |

| Oubtotal | \$214,343.10 | Oubtotai | \$13,000.30 | Gubtotui | \$30,331.33 | Odbiolai | \$14,430.07 | Oubtotui | \$17,550.00 |
|---------------------|--------------|---------------------|-------------|---------------------|-------------|---------------------|--------------|---------------------|-------------|
| | | | | | | | | | |
| Progress Payment | #1 | Progress Payment | #2 | Progress Payment | #3 | Progress Payment | #4 | Progress Payment | #4 |
| | | | | | | | | | |
| QTY Billed | Cost | QTY Billed | Cost | QTY Billed | Cost | QTY Billed | Cost | QTY Billed | Cost |
| | | | | | | | | | |
| | \$0.00 | | \$0.00 | 1 | \$4,709.38 | | \$0.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 1 | \$1,000.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 4000 | \$24,520.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 2 | \$10,275.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 6.4 | \$5,984.00 | 1.6 | \$1,496.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 1 | \$1,600.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 1000 | \$8,530.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | 0.8 | \$176,698.40 | 0.2 | \$44,174.60 |
| | \$0.00 | | \$0.00 | | \$0.00 | 1 | \$25,150.00 | | \$0.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 | 1000 | \$8,750.00 |
| | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 | 1 | \$9,275.00 |
| | \$0.00 | 1011 | \$5,186.43 | | \$0.00 | | \$0.00 | | \$0.00 |
| | \$0.00 | 1711 | \$12,541.63 | | \$0.00 | | \$0.00 | | \$0.00 |
| Subtotal | \$0.00 | Subtotal | \$17,728.06 | Subtotal | \$4,709.38 | Subtotal | \$253,757.40 | Subtotal | \$63,695.60 |
| 5% Retention | \$0.00 | 5% Retention | \$886.40 | 5% Retention | \$235.47 | 5% Retention | \$12,687.87 | 5% Retention | \$3,184.78 |
| Subtotal | \$0.00 | Subtotal | \$16,841.66 | Subtotal | \$4,473.91 | Subtotal | \$241,069.53 | Subtotal | \$60,510.82 |
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|-----------------|--------------|-----------------|-------------|-----------------|-------------|-----------------|--------------|-----------------|-------------|---|
| Total Retention | \$14,439.15 | Total Retention | \$5,076.35 | Total Retention | \$2,256.38 | Total Retention | \$13,447.35 | Total Retention | \$4,097.21 | i |
| Total Billing | \$274,343.76 | Total Billing | \$96,450.61 | Total Billing | \$42,871.31 | Total Billing | \$255,499.60 | Total Billing | \$77,846.90 | İ |