

First Colonial Road/Virginia Beach Boulevard Improvements

PWCN-21-0035 Bid Evaluation; CIP No. 2-072 (100183), 5-601 (100185), 6-601 (100186)
Bid Opening January 11, 2022

| ITEM NO. | ITEM DESCRIPTION | QTY | UNIT | ENGINEERS ESTIMATE | | Kevcor Contracting Corp | | Virginia Carolina Civil | | Branscome Inc. | |
|--------------------|--|--------|------|--------------------|---------------|-------------------------|---------------|-------------------------|-----------------|-----------------|-----------------|
| | | | | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| | CIP #2-072 | | | | | | | | | | |
| GENERAL | | | | | | | | | | | |
| 1 | Mobilization | 1 | LS | \$ 656,000.00 | \$ 656,000.00 | \$ 950,000.00 | \$ 950,000.00 | \$ 1,082,000.00 | \$ 1,082,000.00 | \$ 1,850,000.00 | \$ 1,850,000.00 |
| 2 | Construction Surveying | 1 | LS | \$ 114,500.00 | \$ 114,500.00 | \$ 169,940.00 | \$ 169,940.00 | \$ 193,000.00 | \$ 193,000.00 | \$ 592,000.00 | \$ 592,000.00 |
| 3 | Clearing & Grubbing | 1 | LS | \$ 20,000.00 | \$ 20,000.00 | \$ 134,952.50 | \$ 134,952.50 | \$ 1,061,358.45 | \$ 1,061,358.45 | \$ 55,100.00 | \$ 55,100.00 |
| 4 | Field Office, Type I | 44 | MO | \$ 5,500.00 | \$ 242,000.00 | \$ 16,500.00 | \$ 726,000.00 | \$ 3,562.00 | \$ 156,728.00 | \$ 3,900.00 | \$ 171,600.00 |
| 5 | Regular Excavation | 10200 | CY | \$ 40.00 | \$ 408,000.00 | \$ 40.25 | \$ 410,550.00 | \$ 33.20 | \$ 338,640.00 | \$ 95.80 | \$ 977,160.00 |
| 6 | Undercut Excavation | 2600 | CY | \$ 40.00 | \$ 104,000.00 | \$ 34.50 | \$ 89,700.00 | \$ 47.70 | \$ 124,020.00 | \$ 25.50 | \$ 66,300.00 |
| 7 | Select Material, Type II, Min CBR 15 | 7100 | CY | \$ 40.00 | \$ 284,000.00 | \$ 36.23 | \$ 257,233.00 | \$ 38.50 | \$ 273,350.00 | \$ 35.30 | \$ 250,630.00 |
| 8 | Storm Water Management Basin Excavation | 9000 | CY | \$ 25.00 | \$ 225,000.00 | \$ 32.78 | \$ 295,020.00 | \$ 35.60 | \$ 320,400.00 | \$ 29.00 | \$ 261,000.00 |
| PAVEMENT | | | | | | | | | | | |
| 9 | Flexible Pavement Planing (0-2") | 31560 | SY | \$ 1.50 | \$ 47,340.00 | \$ 3.34 | \$ 105,410.40 | \$ 3.60 | \$ 113,616.00 | \$ 2.50 | \$ 78,900.00 |
| 10 | Asphalt Concrete TY. SM-9.5A | 4,000 | TONS | \$ 100.00 | \$ 400,000.00 | \$ 113.28 | \$ 453,120.00 | \$ 120.90 | \$ 483,600.00 | \$ 109.90 | \$ 439,600.00 |
| 11 | Asphalt Concrete TY. IM-19.0A | 5,720 | TONS | \$ 90.00 | \$ 514,800.00 | \$ 94.30 | \$ 539,396.00 | \$ 100.70 | \$ 576,004.00 | \$ 100.00 | \$ 572,000.00 |
| 12 | Asphalt Concrete Base Course TY. BM-25.0A | 4,480 | TONS | \$ 80.00 | \$ 358,400.00 | \$ 88.55 | \$ 396,704.00 | \$ 94.50 | \$ 423,360.00 | \$ 96.70 | \$ 433,216.00 |
| 13 | Aggregate Base Material TY. I NO. 21B | 10,100 | TONS | \$ 35.00 | \$ 353,500.00 | \$ 46.58 | \$ 470,458.00 | \$ 51.60 | \$ 521,160.00 | \$ 43.80 | \$ 442,380.00 |
| 14 | Aggregate Base Material TY. I NO. 21A | 2 | TONS | \$ 35.00 | \$ 70.00 | \$ 250.00 | \$ 500.00 | \$ 81.10 | \$ 162.20 | \$ 340.00 | \$ 680.00 |
| 15 | Pavement Patch | 160 | SY | \$ 75.00 | \$ 12,000.00 | \$ 338.00 | \$ 54,080.00 | \$ 306.90 | \$ 49,104.00 | \$ 136.00 | \$ 21,760.00 |
| 16 | Geotextile (Subgrade Stabilization) | 16,830 | SY | \$ 2.00 | \$ 33,660.00 | \$ 2.99 | \$ 50,321.70 | \$ 4.60 | \$ 77,418.00 | \$ 3.10 | \$ 52,173.00 |
| INCIDENTALS | | | | | | | | | | | |
| 17 | Retaining Wall RW-2 | 35 | CY | \$ 800.00 | \$ 28,000.00 | \$ 1,900.00 | \$ 66,500.00 | \$ 2,578.10 | \$ 90,233.50 | \$ 2,450.00 | \$ 85,750.00 |
| 18 | Retaining Wall Excavation | 26 | CY | \$ 20.00 | \$ 520.00 | \$ 38.00 | \$ 988.00 | \$ 125.70 | \$ 3,268.20 | \$ 550.00 | \$ 14,300.00 |
| 19 | Radial Curb CG-2 | 335 | LF | \$ 20.00 | \$ 27,000.00 | \$ 32.25 | \$ 10,803.75 | \$ 31.90 | \$ 10,686.50 | \$ 26.00 | \$ 8,710.00 |
| 20 | Std. Curb CG-2 | 745 | LF | \$ 20.00 | \$ 113,100.00 | \$ 32.25 | \$ 24,026.25 | \$ 31.90 | \$ 23,765.50 | \$ 23.00 | \$ 17,135.00 |
| 21 | Radial Combination Curb and Gutter CG-6 | 1350 | LF | \$ 27.00 | \$ 36,450.00 | \$ 38.70 | \$ 52,245.00 | \$ 41.70 | \$ 56,295.00 | \$ 31.00 | \$ 41,850.00 |
| 22 | Std. Combination Curb and Gutter CG-6 | 5655 | LF | \$ 25.00 | \$ 141,375.00 | \$ 34.83 | \$ 196,963.65 | \$ 41.70 | \$ 235,813.50 | \$ 29.00 | \$ 163,995.00 |
| 23 | Entrance Gutter CG-9D | 1260 | SY | \$ 100.00 | \$ 126,000.00 | \$ 129.00 | \$ 162,540.00 | \$ 153.50 | \$ 193,410.00 | \$ 105.00 | \$ 132,300.00 |
| 24 | Entrance Gutter CG-13 | 375 | SY | \$ 100.00 | \$ 37,500.00 | \$ 129.00 | \$ 48,375.00 | \$ 153.50 | \$ 57,562.50 | \$ 105.00 | \$ 39,375.00 |
| 25 | Curb Ramp (CG-12) with Detectable Warning Surface, Surface Mounted | 425 | SY | \$ 250.00 | \$ 106,250.00 | \$ 129.00 | \$ 54,825.00 | \$ 214.80 | \$ 91,290.00 | \$ 179.00 | \$ 76,075.00 |
| 26 | Asphalt Concrete Sidewalk | 215 | TONS | \$ 125.00 | \$ 26,875.00 | \$ 158.70 | \$ 34,120.50 | \$ 169.40 | \$ 36,421.00 | \$ 186.00 | \$ 39,990.00 |
| 27 | Hydraulic Cement Conc. Sidewalk (4" Depth) | 1980 | SY | \$ 50.00 | \$ 99,000.00 | \$ 64.50 | \$ 127,710.00 | \$ 66.30 | \$ 131,274.00 | \$ 57.00 | \$ 112,860.00 |
| 28 | Std. Median Strip MS-1 | 55 | SY | \$ 75.00 | \$ 4,125.00 | \$ 154.80 | \$ 8,514.00 | \$ 223.40 | \$ 12,287.00 | \$ 143.00 | \$ 7,865.00 |
| 29 | Std. Median Strip MS-2 | 3150 | LF | \$ 35.00 | \$ 110,250.00 | \$ 64.50 | \$ 203,175.00 | \$ 63.80 | \$ 200,970.00 | \$ 46.50 | \$ 146,475.00 |
| 30 | Directional Island Curb SI-3 | 200 | LF | \$ 25.00 | \$ 5,000.00 | \$ 45.00 | \$ 9,000.00 | \$ 43.00 | \$ 8,600.00 | \$ 40.00 | \$ 8,000.00 |
| 31 | Pavers, Sidewalk | 2725 | SF | \$ 80.00 | \$ 218,000.00 | \$ 15.30 | \$ 41,692.50 | \$ 29.00 | \$ 79,025.00 | \$ 14.00 | \$ 38,150.00 |
| 32 | Textured Pavement | 9325 | SF | \$ 16.00 | \$ 149,200.00 | \$ 20.69 | \$ 192,934.25 | \$ 22.10 | \$ 206,082.50 | \$ 17.50 | \$ 163,187.50 |
| 33 | Fence FE-CL | 655 | LF | \$ 25.00 | \$ 16,375.00 | \$ 40.83 | \$ 26,743.65 | \$ 39.30 | \$ 25,741.50 | \$ 47.00 | \$ 30,785.00 |
| 34 | Corner Brace Unit FE-CL | 6 | EA | \$ 150.00 | \$ 900.00 | \$ 793.50 | \$ 4,761.00 | \$ 764.80 | \$ 4,588.80 | \$ 200.00 | \$ 1,200.00 |
| 35 | Handrail HR-1 Type II | 195 | LF | \$ 135.00 | \$ 26,325.00 | \$ 220.00 | \$ 42,900.00 | \$ 306.90 | \$ 59,845.50 | \$ 285.00 | \$ 55,575.00 |
| 36 | Project Identification Sign | 1 | EA | \$ 2,500.00 | \$ 2,500.00 | \$ 1,800.00 | \$ 1,800.00 | \$ 1,301.30 | \$ 1,301.30 | \$ 2,500.00 | \$ 2,500.00 |
| 37 | Vibration Monitoring (Parcel 010) | 1 | LS | \$ 15,000.00 | \$ 15,000.00 | \$ 155,000.00 | \$ 155,000.00 | \$ 368,294.20 | \$ 368,294.20 | \$ 34,900.00 | \$ 34,900.00 |
| 38 | Permanent Survey Monument | 70 | EA | \$ 120.00 | \$ 8,400.00 | \$ 1,200.00 | \$ 84,000.00 | \$ 182.90 | \$ 12,803.00 | \$ 350.00 | \$ 24,500.00 |
| DEMOLITION | | | | | | | | | | | |
| 39 | Remove Exist. Fence | 865 | LF | \$ 30.00 | \$ 25,950.00 | \$ 10.00 | \$ 8,650.00 | \$ 4.00 | \$ 3,460.00 | \$ 19.00 | \$ 16,435.00 |
| 40 | Remove Exist. Retaining Wall | 120 | LF | \$ 50.00 | \$ 6,000.00 | \$ 55.00 | \$ 6,600.00 | \$ 25.90 | \$ 3,108.00 | \$ 101.00 | \$ 12,120.00 |
| 41 | Flowable Backfill | 115 | CY | \$ 500.00 | \$ 57,500.00 | \$ 460.00 | \$ 52,900.00 | \$ 368.30 | \$ 42,354.50 | \$ 292.00 | \$ 33,580.00 |
| 42 | Demolition of Pavement Flexible | 11300 | SY | \$ 20.00 | \$ 226,000.00 | \$ 18.75 | \$ 211,875.00 | \$ 17.20 | \$ 194,360.00 | \$ 17.20 | \$ 194,360.00 |
| 43 | Demolition of Pavement Rigid | 3300 | SY | \$ 20.00 | \$ 66,000.00 | \$ 23.00 | \$ 75,900.00 | \$ 13.50 | \$ 44,550.00 | \$ 16.95 | \$ 55,935.00 |

First Colonial Road/Virginia Beach Boulevard Intersection Improvements

PWCN-21-0035 Bid Evaluation; CIP No. 2-072 (100183), 5-601 (100185), 6-601 (100186)

Bid Opening January 11, 2022

| ITEM NO. | ITEM DESCRIPTION | QTY | UNIT | ENGINEERS ESTIMATE | | Kevcor Contracting Corp | | Virginia Carolina Civil | | Branscome Inc. | |
|-----------------|---|------|------|--------------------|---------------|-------------------------|---------------|-------------------------|---------------|----------------|---------------|
| | | | | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| DRAINAGE | | | | | | | | | | | |
| 44 | 4" PVC Conduit | 14 | LF | \$ 30.00 | \$ 420.00 | \$ 450.00 | \$ 6,300.00 | \$ 122.80 | \$ 1,719.20 | \$ 114.00 | \$ 1,596.00 |
| 45 | Select borrow for trench backfill, CBR-15 | 2500 | CY | \$ 30.00 | \$ 75,000.00 | \$ 68.00 | \$ 170,000.00 | \$ 49.10 | \$ 122,750.00 | \$ 58.00 | \$ 145,000.00 |
| 46 | Concrete Pipe, 12" RCP | 118 | LF | \$ 80.00 | \$ 9,440.00 | \$ 153.00 | \$ 18,054.00 | \$ 343.70 | \$ 40,556.60 | \$ 279.00 | \$ 32,922.00 |
| 47 | Concrete Pipe, 15" RCP | 2070 | LF | \$ 80.00 | \$ 165,600.00 | \$ 170.00 | \$ 351,900.00 | \$ 343.70 | \$ 711,459.00 | \$ 371.00 | \$ 767,970.00 |
| 48 | Concrete Pipe, 18" RCP | 486 | LF | \$ 80.00 | \$ 38,880.00 | \$ 185.00 | \$ 89,910.00 | \$ 392.90 | \$ 190,949.40 | \$ 360.00 | \$ 174,960.00 |
| 49 | Concrete Pipe, 24" RCP | 580 | LF | \$ 100.00 | \$ 58,000.00 | \$ 210.00 | \$ 121,800.00 | \$ 429.70 | \$ 249,226.00 | \$ 456.00 | \$ 264,480.00 |
| 50 | Concrete Pipe, 30" RCP | 770 | LF | \$ 120.00 | \$ 92,400.00 | \$ 275.00 | \$ 211,750.00 | \$ 442.00 | \$ 340,340.00 | \$ 532.00 | \$ 409,640.00 |
| 51 | Concrete Pipe, 36" RCP | 1004 | LF | \$ 130.00 | \$ 130,520.00 | \$ 295.00 | \$ 296,180.00 | \$ 442.00 | \$ 443,768.00 | \$ 503.00 | \$ 505,012.00 |
| 52 | Concrete Pipe, 42" RCP | 568 | LF | \$ 150.00 | \$ 85,200.00 | \$ 320.00 | \$ 181,760.00 | \$ 540.20 | \$ 306,833.60 | \$ 710.00 | \$ 403,280.00 |
| 53 | Concrete Pipe, 48" RCP | 444 | LF | \$ 175.00 | \$ 77,700.00 | \$ 375.00 | \$ 166,500.00 | \$ 675.20 | \$ 299,788.80 | \$ 593.00 | \$ 263,292.00 |
| 54 | 30" x 19" Elliptical Pipe | 36 | LF | \$ 150.00 | \$ 5,400.00 | \$ 335.00 | \$ 12,060.00 | \$ 491.10 | \$ 17,679.60 | \$ 1,316.00 | \$ 47,376.00 |
| 55 | 38" x 24" Elliptical Pipe | 54 | LF | \$ 200.00 | \$ 10,800.00 | \$ 352.00 | \$ 19,008.00 | \$ 491.10 | \$ 26,519.40 | \$ 524.00 | \$ 28,296.00 |
| 56 | 45" x 29" Elliptical Pipe | 154 | LF | \$ 200.00 | \$ 30,800.00 | \$ 370.00 | \$ 56,980.00 | \$ 540.20 | \$ 83,190.80 | \$ 628.00 | \$ 96,712.00 |
| 57 | Drop Inlet, DI-1 | 8 | EA | \$ 4,000.00 | \$ 32,000.00 | \$ 8,700.00 | \$ 69,600.00 | \$ 12,030.90 | \$ 96,247.20 | \$ 9,888.00 | \$ 79,104.00 |
| 58 | Drop Inlet, DI-2C, L=6' | 1 | EA | \$ 6,000.00 | \$ 6,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 13,013.10 | \$ 13,013.10 | \$ 11,342.00 | \$ 11,342.00 |
| 59 | Drop Inlet, DI-3A, L=2.5' | 13 | EA | \$ 2,500.00 | \$ 32,500.00 | \$ 8,300.00 | \$ 107,900.00 | \$ 11,662.70 | \$ 151,615.10 | \$ 9,306.00 | \$ 120,978.00 |
| 60 | Drop Inlet, DI-3B, L=4' | 13 | EA | \$ 2,500.00 | \$ 32,500.00 | \$ 9,200.00 | \$ 119,600.00 | \$ 13,504.10 | \$ 175,553.30 | \$ 10,760.00 | \$ 139,880.00 |
| 61 | Drop Inlet, DI-3B, L=6' | 12 | EA | \$ 3,500.00 | \$ 42,000.00 | \$ 9,000.00 | \$ 108,000.00 | \$ 13,258.60 | \$ 159,103.20 | \$ 10,180.00 | \$ 122,160.00 |
| 62 | Drop Inlet, DI-3B, L=8' | 4 | EA | \$ 4,000.00 | \$ 16,000.00 | \$ 10,400.00 | \$ 41,600.00 | \$ 13,258.60 | \$ 53,034.40 | \$ 11,050.00 | \$ 44,200.00 |
| 63 | Drop Inlet, DI-3C, L=6' | 2 | EA | \$ 3,500.00 | \$ 7,000.00 | \$ 10,000.00 | \$ 20,000.00 | \$ 12,890.30 | \$ 25,780.60 | \$ 10,470.00 | \$ 20,940.00 |
| 64 | Drop Inlet, DI-3C, L=8' | 3 | EA | \$ 5,500.00 | \$ 16,500.00 | \$ 9,800.00 | \$ 29,400.00 | \$ 14,731.80 | \$ 44,195.40 | \$ 10,470.00 | \$ 31,410.00 |
| 65 | Drop Inlet, DI-3E, L=8' | 1 | EA | \$ 6,000.00 | \$ 6,000.00 | \$ 11,000.00 | \$ 11,000.00 | \$ 14,731.80 | \$ 14,731.80 | \$ 11,600.00 | \$ 11,600.00 |
| 66 | Drop Inlet, DI-4A, L=4' | 6 | EA | \$ 6,500.00 | \$ 39,000.00 | \$ 11,400.00 | \$ 68,400.00 | \$ 14,731.80 | \$ 88,390.80 | \$ 14,832.00 | \$ 88,992.00 |
| 67 | Drop Inlet, DI-4B L=6' | 1 | EA | \$ 6,500.00 | \$ 6,500.00 | \$ 11,600.00 | \$ 11,600.00 | \$ 15,713.90 | \$ 15,713.90 | \$ 15,123.00 | \$ 15,123.00 |
| 68 | Drop Inlet, DI-4C, L=8' | 2 | EA | \$ 6,500.00 | \$ 13,000.00 | \$ 11,600.00 | \$ 23,200.00 | \$ 17,187.10 | \$ 34,374.20 | \$ 18,031.00 | \$ 36,062.00 |
| 69 | Drop Inlet, DI-4D, L=4' | 1 | EA | \$ 7,500.00 | \$ 7,500.00 | \$ 11,800.00 | \$ 11,800.00 | \$ 14,731.80 | \$ 14,731.80 | \$ 15,123.00 | \$ 15,123.00 |
| 70 | Drop Inlet, DI-4E, L=6' | 4 | EA | \$ 10,000.00 | \$ 40,000.00 | \$ 13,000.00 | \$ 52,000.00 | \$ 18,414.70 | \$ 73,658.80 | \$ 16,868.00 | \$ 67,472.00 |
| 71 | Drop Inlet, DI-4E, L=8' | 1 | EA | \$ 10,000.00 | \$ 10,000.00 | \$ 11,800.00 | \$ 11,800.00 | \$ 14,731.80 | \$ 14,731.80 | \$ 15,000.00 | \$ 15,000.00 |
| 72 | Drop Inlet, DI-4F, L=8' | 1 | EA | \$ 10,000.00 | \$ 10,000.00 | \$ 14,200.00 | \$ 14,200.00 | \$ 18,414.70 | \$ 18,414.70 | \$ 18,600.00 | \$ 18,600.00 |
| 73 | Drop Inlet, DI-7 | 1 | EA | \$ 6,500.00 | \$ 6,500.00 | \$ 18,400.00 | \$ 18,400.00 | \$ 12,276.50 | \$ 12,276.50 | \$ 11,600.00 | \$ 11,600.00 |
| 74 | Manhole, MH-1 or 2 | 10 | EA | \$ 5,150.00 | \$ 51,500.00 | \$ 17,000.00 | \$ 170,000.00 | \$ 12,276.50 | \$ 122,765.00 | \$ 11,300.00 | \$ 113,000.00 |
| 75 | Manhole, MH-2 | 1 | EA | \$ 5,150.00 | \$ 5,150.00 | \$ 18,400.00 | \$ 18,400.00 | \$ 13,258.60 | \$ 13,258.60 | \$ 15,400.00 | \$ 15,400.00 |
| 76 | 12" End Section, ES-1 | 1 | EA | \$ 800.00 | \$ 800.00 | \$ 5,600.00 | \$ 5,600.00 | \$ 2,455.30 | \$ 2,455.30 | \$ 3,780.00 | \$ 3,780.00 |
| 77 | 18" End Section, ES-1 | 2 | EA | \$ 1,000.00 | \$ 2,000.00 | \$ 5,800.00 | \$ 11,600.00 | \$ 3,682.90 | \$ 7,365.80 | \$ 4,070.00 | \$ 8,140.00 |
| 78 | 36" End Section, ES-1 | 1 | EA | \$ 2,000.00 | \$ 2,000.00 | \$ 8,000.00 | \$ 8,000.00 | \$ 7,365.90 | \$ 7,365.90 | \$ 6,900.00 | \$ 6,900.00 |
| 79 | 48" End Section, ES-1 | 1 | EA | \$ 2,500.00 | \$ 2,500.00 | \$ 9,600.00 | \$ 9,600.00 | \$ 11,048.80 | \$ 11,048.80 | \$ 8,700.00 | \$ 8,700.00 |
| 80 | Storm water management drainage structure | 1 | EA | \$ 5,000.00 | \$ 5,000.00 | \$ 31,500.00 | \$ 31,500.00 | \$ 17,187.10 | \$ 17,187.10 | \$ 16,550.00 | \$ 16,550.00 |
| 81 | 10. Dia. Water Quality Structure | 1 | EA | \$ 75,000.00 | \$ 75,000.00 | \$ 195,000.00 | \$ 195,000.00 | \$ 116,626.50 | \$ 116,626.50 | \$ 304,700.00 | \$ 304,700.00 |
| 82 | Erosion Control Stone Class I, EC-1 | 66 | TONS | \$ 100.00 | \$ 6,600.00 | \$ 201.25 | \$ 13,282.50 | \$ 124.60 | \$ 8,223.60 | \$ 127.00 | \$ 8,382.00 |
| 83 | Erosion Control Stone Class A1, EC-1 (SWM Pond) | 176 | TONS | \$ 100.00 | \$ 17,600.00 | \$ 253.00 | \$ 44,528.00 | \$ 124.60 | \$ 21,929.60 | \$ 140.00 | \$ 24,640.00 |
| 84 | Aggr. Matl. No. 357 (SWM Pond) | 39 | TONS | \$ 90.00 | \$ 3,510.00 | \$ 219.65 | \$ 8,566.35 | \$ 180.50 | \$ 7,039.50 | \$ 109.00 | \$ 4,251.00 |
| 85 | Geotextile Filter Cloth (SWM Pond) | 235 | SY | \$ 2.00 | \$ 470.00 | \$ 10.35 | \$ 2,432.25 | \$ 5.50 | \$ 1,292.50 | \$ 7.50 | \$ 1,762.50 |
| 86 | Aquatic Bench Planting | 1 | LS | \$ 18,000.00 | \$ 18,000.00 | \$ 16,416.00 | \$ 16,416.00 | \$ 17,800.90 | \$ 17,800.90 | \$ 6,100.00 | \$ 6,100.00 |
| 87 | Adjust Existing Manhole to Grade | 1 | EA | \$ 1,500.00 | \$ 1,500.00 | \$ 5,200.00 | \$ 5,200.00 | \$ 4,910.60 | \$ 4,910.60 | \$ 3,400.00 | \$ 3,400.00 |
| 88 | Convert Drop Inlet to Manhole | 13 | EA | \$ 1,500.00 | \$ 19,500.00 | \$ 5,200.00 | \$ 67,600.00 | \$ 6,138.20 | \$ 79,796.60 | \$ 4,300.00 | \$ 55,900.00 |
| 89 | Modify Exist. DI to T-DI-2A | 2 | EA | \$ 2,000.00 | \$ 4,000.00 | \$ 5,600.00 | \$ 11,200.00 | \$ 7,365.90 | \$ 14,731.80 | \$ 7,200.00 | \$ 14,400.00 |
| 90 | Modify Exist. DI to T-DI-3A | 2 | EA | \$ 2,000.00 | \$ 4,000.00 | \$ 5,400.00 | \$ 10,800.00 | \$ 6,138.20 | \$ 12,276.40 | \$ 7,700.00 | \$ 15,400.00 |
| 91 | Modify Exist. DI to T-DI-3B, L=6' | 2 | EA | \$ 2,000.00 | \$ 4,000.00 | \$ 5,600.00 | \$ 11,200.00 | \$ 6,138.20 | \$ 12,276.40 | \$ 7,700.00 | \$ 15,400.00 |
| 92 | Modify Exist. DI to T-DI-3B, L=8' | 1 | EA | \$ 2,000.00 | \$ 2,000.00 | \$ 6,000.00 | \$ 6,000.00 | \$ 7,365.90 | \$ 7,365.90 | \$ 7,700.00 | \$ 7,700.00 |
| 93 | Modify Exist. DI to T-DI-4A | 1 | EA | \$ 2,000.00 | \$ 2,000.00 | \$ 5,600.00 | \$ 5,600.00 | \$ 7,365.90 | \$ 7,365.90 | \$ 8,200.00 | \$ 8,200.00 |
| 94 | Modify Exist. Structure | 6 | EA | \$ 1,500.00 | \$ 9,000.00 | \$ 4,800.00 | \$ 28,800.00 | \$ 7,365.90 | \$ 44,195.40 | \$ 7,100.00 | \$ 42,600.00 |

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|-------------------------------------|--|-------|------|--------------------|---------------|-------------------------|---------------|-------------------------|--------------|----------------|--------------|
| | | | | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| EROSION AND SEDIMENT CONTROL | | | | | | | | | | | |
| 95 | Inlet Protection Type A | 40 | EA | \$ 175.00 | \$ 7,000.00 | \$ 370.00 | \$ 14,800.00 | \$ 146.60 | \$ 5,864.00 | \$ 449.00 | \$ 17,960.00 |
| 96 | Inlet Protection Type B | 99 | EA | \$ 200.00 | \$ 19,800.00 | \$ 350.00 | \$ 34,650.00 | \$ 114.10 | \$ 11,295.90 | \$ 452.00 | \$ 44,748.00 |
| 97 | Construction Entrance - VDOT #1 Aggregate | 375 | TONS | \$ 30.00 | \$ 11,250.00 | \$ 155.00 | \$ 58,125.00 | \$ 114.80 | \$ 43,050.00 | \$ 88.00 | \$ 33,000.00 |
| 98 | Rock Check Dam, Type II | 12 | EA | \$ 300.00 | \$ 3,600.00 | \$ 1,753.75 | \$ 21,045.00 | \$ 2,182.60 | \$ 26,191.20 | \$ 530.00 | \$ 6,360.00 |
| 99 | Temp. Silt Fence Type A | 18300 | LF | \$ 3.00 | \$ 54,900.00 | \$ 6.50 | \$ 118,950.00 | \$ 1.80 | \$ 32,940.00 | \$ 2.60 | \$ 47,580.00 |
| 100 | Topsoil, Class A (4"Depth) | 3.5 | ACRE | \$ 30,000.00 | \$ 105,000.00 | \$ 24,725.00 | \$ 86,537.50 | \$ 17,785.30 | \$ 62,248.55 | \$ 11,900.00 | \$ 41,650.00 |
| 101 | Regular Seed | 600 | LB | \$ 20.00 | \$ 12,000.00 | \$ 12.65 | \$ 7,590.00 | \$ 10.40 | \$ 6,240.00 | \$ 10.40 | \$ 6,240.00 |
| 102 | Overseeding | 480 | LB | \$ 15.00 | \$ 7,200.00 | \$ 10.35 | \$ 4,968.00 | \$ 14.70 | \$ 7,056.00 | \$ 14.00 | \$ 6,720.00 |
| 103 | Temporary Seed | 400 | LB | \$ 20.00 | \$ 8,000.00 | \$ 10.35 | \$ 4,140.00 | \$ 8.60 | \$ 3,440.00 | \$ 8.00 | \$ 3,200.00 |
| 104 | Fertilizer (Nitrogen-N) | 295 | LB | \$ 10.00 | \$ 2,950.00 | \$ 2.30 | \$ 678.50 | \$ 3.70 | \$ 1,091.50 | \$ 4.00 | \$ 1,180.00 |
| 105 | Fertilizer (Phosphorous-P) | 350 | LB | \$ 10.00 | \$ 3,500.00 | \$ 2.30 | \$ 805.00 | \$ 3.70 | \$ 1,295.00 | \$ 4.00 | \$ 1,400.00 |
| 106 | Fertilizer (Potassium-K) | 175 | LB | \$ 10.00 | \$ 1,750.00 | \$ 2.30 | \$ 402.50 | \$ 3.70 | \$ 647.50 | \$ 4.00 | \$ 700.00 |
| 107 | Lime | 15 | TONS | \$ 500.00 | \$ 7,500.00 | \$ 805.00 | \$ 12,075.00 | \$ 368.30 | \$ 5,524.50 | \$ 400.00 | \$ 6,000.00 |
| SIGNAL AND INTERCONNECT | | | | | | | | | | | |
| 108 | Remove Existing Signal Equipment (S. First Colonial Rd and Oceana Blvd) | 1 | LS | \$ 8,000.00 | \$ 8,000.00 | \$ 3,639.75 | \$ 3,639.75 | \$ 3,885.50 | \$ 3,885.50 | \$ 3,850.00 | \$ 3,850.00 |
| 109 | Remove Existing Signal Equipment (First Colonial Rd and Virginia Beach Blvd) | 1 | LS | \$ 12,500.00 | \$ 12,500.00 | \$ 7,360.00 | \$ 7,360.00 | \$ 7,856.90 | \$ 7,856.90 | \$ 7,800.00 | \$ 7,800.00 |
| 110 | Remove Existing Signal Equipment (First Colonial Rd/Wisconsin Ave/EB Ramp) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 | \$ 3,680.00 | \$ 3,680.00 | \$ 3,928.50 | \$ 3,928.50 | \$ 3,900.00 | \$ 3,900.00 |
| 111 | Concrete Foundation (VDOT Standard CF-1, Traffic Signal Cabinet) | 3 | EA | \$ 4,000.00 | \$ 12,000.00 | \$ 1,466.25 | \$ 4,398.75 | \$ 1,565.30 | \$ 4,695.90 | \$ 1,555.00 | \$ 4,665.00 |
| 112 | Concrete Foundation (VDOT Standard PF-8, Signal Pole) | 8 | EA | \$ 25,000.00 | \$ 200,000.00 | \$ 11,385.00 | \$ 91,080.00 | \$ 12,153.70 | \$ 97,229.60 | \$ 12,087.00 | \$ 96,696.00 |
| 113 | Concrete Foundation (PF-2, Pedestal Pole) | 12 | EA | \$ 1,000.00 | \$ 12,000.00 | \$ 989.00 | \$ 11,868.00 | \$ 1,055.80 | \$ 12,669.60 | \$ 1,050.00 | \$ 12,600.00 |
| 114 | Pedestal Pole (PF-2, 10') | 11 | EA | \$ 1,250.00 | \$ 13,750.00 | \$ 1,069.50 | \$ 11,764.50 | \$ 1,141.70 | \$ 12,558.70 | \$ 1,135.00 | \$ 12,485.00 |
| 115 | Pedestal Pole (PF-2, 15') | 1 | EA | \$ 1,500.00 | \$ 1,500.00 | \$ 1,219.00 | \$ 1,219.00 | \$ 1,301.30 | \$ 1,301.30 | \$ 1,294.00 | \$ 1,294.00 |
| 116 | Pedestrian Push Button | 18 | EA | \$ 500.00 | \$ 9,000.00 | \$ 671.60 | \$ 12,088.80 | \$ 717.00 | \$ 12,906.00 | \$ 713.00 | \$ 12,834.00 |
| 117 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type E1(80') Double Luminaire Arm) | 1 | EA | \$ 28,000.00 | \$ 28,000.00 | \$ 47,035.00 | \$ 47,035.00 | \$ 50,210.80 | \$ 50,210.80 | \$ 49,938.00 | \$ 49,938.00 |
| 118 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type E1(60') Single Luminaire Arm) | 1 | EA | \$ 24,000.00 | \$ 24,000.00 | \$ 38,410.00 | \$ 38,410.00 | \$ 41,003.40 | \$ 41,003.40 | \$ 40,780.00 | \$ 40,780.00 |
| 119 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type E1(65') Double Luminaire Arm) | 1 | EA | \$ 25,000.00 | \$ 25,000.00 | \$ 38,410.00 | \$ 38,410.00 | \$ 41,003.40 | \$ 41,003.40 | \$ 40,780.00 | \$ 40,780.00 |
| 120 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type E1(70') Double Luminaire Arm) | 2 | EA | \$ 26,000.00 | \$ 52,000.00 | \$ 40,494.18 | \$ 80,988.36 | \$ 43,228.30 | \$ 86,456.60 | \$ 42,993.00 | \$ 85,986.00 |
| 121 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type F(65'/40') Single Luminaire Arm) | 1 | EA | \$ 29,000.00 | \$ 29,000.00 | \$ 40,480.00 | \$ 40,480.00 | \$ 43,213.20 | \$ 43,213.20 | \$ 42,978.00 | \$ 42,978.00 |
| 122 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type F(65'/60') Double Luminaire Arm) | 1 | EA | \$ 32,000.00 | \$ 32,000.00 | \$ 54,538.75 | \$ 54,538.75 | \$ 58,221.20 | \$ 58,221.20 | \$ 57,900.00 | \$ 57,900.00 |
| 123 | Signal Pole and Mast Arm (Furnish and Install) (MP-3, Type F(60'/45') Double Luminaire Arm) | 1 | EA | \$ 29,000.00 | \$ 29,000.00 | \$ 52,670.00 | \$ 52,670.00 | \$ 56,226.30 | \$ 56,226.30 | \$ 55,900.00 | \$ 55,900.00 |
| 124 | Controller | 3 | EA | \$ 20,000.00 | \$ 60,000.00 | \$ 27,255.00 | \$ 81,765.00 | \$ 29,095.20 | \$ 87,285.60 | \$ 28,900.00 | \$ 86,700.00 |
| 125 | Traffic Signal Head Assembly (3 Section 12" Circular G-Y-R Displays, SM-3 Mount) | 23 | EA | \$ 1,500.00 | \$ 34,500.00 | \$ 1,265.00 | \$ 29,095.00 | \$ 1,350.40 | \$ 31,059.20 | \$ 1,343.00 | \$ 30,889.00 |
| 126 | Traffic Signal Head Assembly (3 Section 12" Circular G-Y-R Displays, SMB-1 Mount) | 2 | EA | \$ 1,500.00 | \$ 3,000.00 | \$ 1,121.25 | \$ 2,242.50 | \$ 1,197.00 | \$ 2,394.00 | \$ 1,190.00 | \$ 2,380.00 |
| 127 | Traffic Signal Head Assembly (3 Section 12" Circular G-Y-R Displays, SMB-3 Mount) | 1 | EA | \$ 1,500.00 | \$ 1,500.00 | \$ 1,150.00 | \$ 1,150.00 | \$ 1,227.70 | \$ 1,227.70 | \$ 1,220.00 | \$ 1,220.00 |
| 128 | Traffic Signal Head Assembly (3 Section 12" G-Y-R Arrow Displays, SM-3 Mount) | 8 | EA | \$ 1,500.00 | \$ 12,000.00 | \$ 1,150.00 | \$ 9,200.00 | \$ 1,227.70 | \$ 9,821.60 | \$ 1,220.00 | \$ 9,760.00 |
| 129 | Traffic Signal Head Assembly (4 Section 12" Circular G-Y-R, G Arrow Displays, SM-3 Mount) | 1 | EA | \$ 1,800.00 | \$ 1,800.00 | \$ 1,420.25 | \$ 1,420.25 | \$ 1,516.10 | \$ 1,516.10 | \$ 1,500.00 | \$ 1,500.00 |
| 130 | Traffic Signal Head Assembly (4 Section 12" G-Y-R Arrow Displays, SM-3 Mount) | 2 | EA | \$ 1,800.00 | \$ 3,600.00 | \$ 1,420.25 | \$ 2,840.50 | \$ 1,516.20 | \$ 3,032.40 | \$ 1,500.00 | \$ 3,000.00 |
| 131 | Pedestrian Signal Head Assembly (SP-8, SMB-1) | 14 | EA | \$ 750.00 | \$ 10,500.00 | \$ 707.25 | \$ 9,901.50 | \$ 755.00 | \$ 10,570.00 | \$ 750.00 | \$ 10,500.00 |
| 132 | Pedestrian Signal Head Assembly (SP-8, SMB-3) | 4 | EA | \$ 1,000.00 | \$ 4,000.00 | \$ 718.75 | \$ 2,875.00 | \$ 767.30 | \$ 3,069.20 | \$ 763.00 | \$ 3,052.00 |
| 133 | Emergency Vehicle Preemption Detection System (Three-Way) | 1 | EA | \$ 14,000.00 | \$ 14,000.00 | \$ 7,647.50 | \$ 7,647.50 | \$ 8,163.90 | \$ 8,163.90 | \$ 8,100.00 | \$ 8,100.00 |
| 134 | Emergency Vehicle Preemption Detection System (Four-Way) | 2 | EA | \$ 15,000.00 | \$ 30,000.00 | \$ 8,625.00 | \$ 17,250.00 | \$ 9,207.40 | \$ 18,414.80 | \$ 9,100.00 | \$ 18,200.00 |
| 135 | Emergency Preemption Detector Cable | 3250 | LF | \$ 3.00 | \$ 9,750.00 | \$ 1.38 | \$ 4,485.00 | \$ 1.50 | \$ 4,875.00 | \$ 1.50 | \$ 4,875.00 |
| 136 | Electrical Service (VDOT Standard SE-3, Type B) | 3 | EA | \$ 3,100.00 | \$ 9,300.00 | \$ 3,404.00 | \$ 10,212.00 | \$ 3,633.80 | \$ 10,901.40 | \$ 3,600.00 | \$ 10,800.00 |
| 137 | Electrical Service Grounding Electrode (10-foot) | 3 | EA | \$ 300.00 | \$ 900.00 | \$ 57.50 | \$ 172.50 | \$ 61.40 | \$ 184.20 | \$ 61.00 | \$ 183.00 |
| 138 | Junction Box (JB-S1) | 10 | EA | \$ 1,000.00 | \$ 10,000.00 | \$ 1,207.50 | \$ 12,075.00 | \$ 1,289.00 | \$ 12,890.00 | \$ 1,282.00 | \$ 12,820.00 |
| 139 | Junction Box (JB-S2) | 20 | EA | \$ 1,300.00 | \$ 26,000.00 | \$ 1,322.50 | \$ 26,450.00 | \$ 1,411.80 | \$ 28,236.00 | \$ 1,400.00 | \$ 28,000.00 |
| 140 | Junction Box (JB-S3) | 8 | EA | \$ 1,600.00 | \$ 12,800.00 | \$ 1,610.00 | \$ 12,880.00 | \$ 1,718.70 | \$ 13,749.60 | \$ 1,700.00 | \$ 13,600.00 |
| 141 | Conduit (1" Metal, Trenched) | 245 | LF | \$ 15.00 | \$ 3,675.00 | \$ 16.10 | \$ 3,944.50 | \$ 17.20 | \$ 4,214.00 | \$ 17.00 | \$ 4,165.00 |
| 142 | Conduit (2" Metal, Trenched) | 100 | LF | \$ 20.00 | \$ 2,000.00 | \$ 23.00 | \$ 2,300.00 | \$ 24.60 | \$ 2,460.00 | \$ 25.00 | \$ 2,500.00 |
| 143 | Conduit (2" PVC, Trenched) | 750 | LF | \$ 15.00 | \$ 11,250.00 | \$ 12.65 | \$ 9,487.50 | \$ 13.50 | \$ 10,125.00 | \$ 14.00 | \$ 10,500.00 |

First Colonial Road/Virginia Beach Boulevard Improvements

**PWCN-21-0035 Bid Evaluation; CIP No. 2-072 (100183), 5-601 (100185), 6-601 (100186)
Bid Opening January 11, 2022**

| ITEM NO. | ITEM DESCRIPTION | QTY | UNIT | ENGINEERS ESTIMATE | | Kevcor Contracting Corp | | Virginia Carolina Civil | | Branscome Inc. | |
|--------------------------------------|---|-------|------|--------------------|---------------|-------------------------|---------------|-------------------------|---------------|----------------|---------------|
| | | | | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| 144 | Conduit (3" PVC, Trenched) | 1360 | LF | \$ 16.00 | \$ 21,760.00 | \$ 16.10 | \$ 21,896.00 | \$ 17.20 | \$ 23,392.00 | \$ 17.00 | \$ 23,120.00 |
| 145 | Conduit (3" HDPE, Directional Drill) | 3790 | LF | \$ 30.00 | \$ 113,700.00 | \$ 27.60 | \$ 104,604.00 | \$ 29.50 | \$ 111,805.00 | \$ 29.00 | \$ 109,910.00 |
| 146 | Conductor Cable, 1C/10 AWG | 175 | LF | \$ 3.00 | \$ 525.00 | \$ 2.30 | \$ 402.50 | \$ 2.50 | \$ 437.50 | \$ 2.40 | \$ 420.00 |
| 147 | Conductor Cable, 3C/12 AWG | 5100 | LF | \$ 3.00 | \$ 15,300.00 | \$ 1.73 | \$ 8,823.00 | \$ 1.80 | \$ 9,180.00 | \$ 1.80 | \$ 9,180.00 |
| 148 | Conductor Cable, 3C/14 AWG | 4700 | LF | \$ 1.00 | \$ 4,700.00 | \$ 1.32 | \$ 6,204.00 | \$ 1.40 | \$ 6,580.00 | \$ 1.40 | \$ 6,580.00 |
| 149 | Conductor Cable, 5C/14 AWG | 9050 | LF | \$ 2.00 | \$ 18,100.00 | \$ 1.73 | \$ 15,656.50 | \$ 1.80 | \$ 16,290.00 | \$ 1.80 | \$ 16,290.00 |
| 150 | Conductor Cable, 7C/14 AWG | 5025 | LF | \$ 2.00 | \$ 10,050.00 | \$ 2.01 | \$ 10,100.25 | \$ 2.20 | \$ 11,055.00 | \$ 2.10 | \$ 10,552.50 |
| 151 | Conductor Cable, 6 AWG | 600 | LF | \$ 2.00 | \$ 1,200.00 | \$ 2.07 | \$ 1,242.00 | \$ 2.20 | \$ 1,320.00 | \$ 2.20 | \$ 1,320.00 |
| 152 | Conductor Cable, 2C/14 AWG Shielded | 1175 | LF | \$ 1.50 | \$ 1,762.50 | \$ 1.38 | \$ 1,621.50 | \$ 1.50 | \$ 1,762.50 | \$ 1.50 | \$ 1,762.50 |
| 153 | Vehicle Loop Detector | 1500 | LF | \$ 25.00 | \$ 37,500.00 | \$ 23.00 | \$ 34,500.00 | \$ 24.60 | \$ 36,900.00 | \$ 24.40 | \$ 36,600.00 |
| 154 | Conductor Cable (144 strand SMFO) | 3000 | LF | \$ 7.00 | \$ 21,000.00 | \$ 8.34 | \$ 25,020.00 | \$ 8.90 | \$ 26,700.00 | \$ 9.40 | \$ 28,200.00 |
| 155 | Video Detection Cable | 3300 | LF | \$ 2.00 | \$ 6,600.00 | \$ 1.44 | \$ 4,752.00 | \$ 1.50 | \$ 4,950.00 | \$ 1.50 | \$ 4,950.00 |
| 156 | Video Detection System | 2 | EA | \$ 30,000.00 | \$ 60,000.00 | \$ 59,800.00 | \$ 119,600.00 | \$ 63,837.70 | \$ 127,675.40 | \$ 63,400.00 | \$ 126,800.00 |
| 157 | Internally Illuminated Street Name Sign, 8 FT. Rigid, Single Faced | 4 | EA | \$ 3,000.00 | \$ 12,000.00 | \$ 4,542.50 | \$ 18,170.00 | \$ 4,849.20 | \$ 19,396.80 | \$ 4,820.00 | \$ 19,280.00 |
| 158 | Sign Panel | 127 | SF | \$ 40.00 | \$ 5,080.00 | \$ 57.50 | \$ 7,302.50 | \$ 61.40 | \$ 7,797.80 | \$ 61.00 | \$ 7,747.00 |
| 159 | Underground Fiber Optic Splice Enclosure | 4 | EA | \$ 1,000.00 | \$ 4,000.00 | \$ 793.50 | \$ 3,174.00 | \$ 847.10 | \$ 3,388.40 | \$ 842.00 | \$ 3,368.00 |
| 160 | Test Pit (Pavement Restoration) | 1 | EA | \$ 600.00 | \$ 600.00 | \$ 690.00 | \$ 690.00 | \$ 736.60 | \$ 736.60 | \$ 750.00 | \$ 750.00 |
| 161 | Test Pit (Lawn Restoration) | 7 | EA | \$ 500.00 | \$ 3,500.00 | \$ 345.00 | \$ 2,415.00 | \$ 368.30 | \$ 2,578.10 | \$ 366.00 | \$ 2,562.00 |
| 162 | Uninterruptible Power Supply (Type 2) | 3 | Each | \$ 4,000.00 | \$ 12,000.00 | \$ 3,910.00 | \$ 11,730.00 | \$ 4,174.00 | \$ 12,522.00 | \$ 4,150.00 | \$ 12,450.00 |
| 163 | Uninterruptible Power Supply Battery Pack | 3 | Each | \$ 2,200.00 | \$ 6,600.00 | \$ 2,415.00 | \$ 7,245.00 | \$ 2,578.10 | \$ 7,734.30 | \$ 2,564.00 | \$ 7,692.00 |
| 164 | Uninterruptible Power Supply Cabinet (Detached) | 3 | Each | \$ 4,000.00 | \$ 12,000.00 | \$ 4,226.25 | \$ 12,678.75 | \$ 4,511.60 | \$ 13,534.80 | \$ 4,487.00 | \$ 13,461.00 |
| SIGNING AND PAVEMENT MARKINGS | | | | | | | | | | | |
| 165 | Sign Panel | 497 | SF | \$ 80.00 | \$ 39,760.00 | \$ 113.85 | \$ 56,583.45 | \$ 121.50 | \$ 60,385.50 | \$ 115.00 | \$ 57,155.00 |
| 166 | Remove Existing Sign | 54 | EA | \$ 100.00 | \$ 5,400.00 | \$ 350.00 | \$ 18,900.00 | \$ 122.80 | \$ 6,631.20 | \$ 349.00 | \$ 18,846.00 |
| 167 | Relocate Existing Sign | 2 | EA | \$ 500.00 | \$ 1,000.00 | \$ 650.00 | \$ 1,300.00 | \$ 613.80 | \$ 1,227.60 | \$ 349.00 | \$ 698.00 |
| 168 | Type B Class I Pavement Line Marking 4" | 16810 | LF | \$ 0.60 | \$ 10,086.00 | \$ 0.62 | \$ 10,422.20 | \$ 0.70 | \$ 11,767.00 | \$ 0.65 | \$ 10,926.50 |
| 169 | Type B Class I Pavement Line Marking 6" | 9125 | LF | \$ 1.25 | \$ 11,406.25 | \$ 0.91 | \$ 8,303.75 | \$ 1.00 | \$ 9,125.00 | \$ 0.90 | \$ 8,212.50 |
| 170 | Type B Class I Pavement Line Marking 12" | 1815 | LF | \$ 6.00 | \$ 10,890.00 | \$ 2.29 | \$ 4,156.35 | \$ 2.40 | \$ 4,356.00 | \$ 2.30 | \$ 4,174.50 |
| 171 | Type B Class I Pavement Line Marking 24" | 835 | LF | \$ 8.00 | \$ 6,680.00 | \$ 4.59 | \$ 3,832.65 | \$ 4.90 | \$ 4,091.50 | \$ 4.60 | \$ 3,841.00 |
| 172 | Type B Class I Pavement Message Marking "ONLY" | 29 | EA | \$ 150.00 | \$ 4,350.00 | \$ 143.75 | \$ 4,168.75 | \$ 153.50 | \$ 4,451.50 | \$ 145.00 | \$ 4,205.00 |
| 173 | Pavement Symbol Marking Single Turn Arrow, Type B Class I | 118 | EA | \$ 80.00 | \$ 9,440.00 | \$ 86.25 | \$ 10,177.50 | \$ 92.10 | \$ 10,867.80 | \$ 87.00 | \$ 10,266.00 |
| 174 | Pavement Symbol Marking Double Turn Arrow, Type B Class I | 6 | EA | \$ 350.00 | \$ 2,100.00 | \$ 113.85 | \$ 683.10 | \$ 121.50 | \$ 729.00 | \$ 115.00 | \$ 690.00 |
| 175 | Pavement Symbol Marking Triple Turn Arrow, Type B Class I | 2 | EA | \$ 550.00 | \$ 1,100.00 | \$ 171.35 | \$ 342.70 | \$ 182.90 | \$ 365.80 | \$ 175.00 | \$ 350.00 |
| 176 | Pavement Symbol Marking Lane Reduction Arrow, Type B Class I | 2 | EA | \$ 175.00 | \$ 350.00 | \$ 228.85 | \$ 457.70 | \$ 244.30 | \$ 488.60 | \$ 235.00 | \$ 470.00 |
| 177 | Recessed Pavement Markers (Asphalt Pavement) | 597 | EA | \$ 35.00 | \$ 20,895.00 | \$ 34.44 | \$ 20,560.68 | \$ 36.80 | \$ 21,969.60 | \$ 34.80 | \$ 20,775.60 |
| 178 | Flexible Post Delineator (Surface Mount) | 8 | EA | \$ 20.00 | \$ 160.00 | \$ 113.85 | \$ 910.80 | \$ 121.50 | \$ 972.00 | \$ 115.00 | \$ 920.00 |
| LIGHTING | | | | | | | | | | | |
| 179 | LED Street Light fixture - IES type 3, Rectilinear shape as detailed (Leotek EC7) | 62 | EA | \$ 900.00 | \$ 55,800.00 | \$ 1,012.00 | \$ 62,744.00 | \$ 1,080.30 | \$ 66,978.60 | \$ 1,074.00 | \$ 66,588.00 |
| 180 | LED Street Light fixture - IES type 3, Rectilinear shape as detailed (Leotek EC9) | 11 | EA | \$ 950.00 | \$ 10,450.00 | \$ 1,242.00 | \$ 13,662.00 | \$ 1,325.90 | \$ 14,584.90 | \$ 1,318.00 | \$ 14,498.00 |
| 181 | Fixture mounting arm 8'-0" aluminum | 37 | EA | \$ 250.00 | \$ 9,250.00 | \$ 822.25 | \$ 30,423.25 | \$ 877.80 | \$ 32,478.60 | \$ 873.00 | \$ 32,301.00 |
| 182 | Fixture mounting arm 12'-0" aluminum | 22 | EA | \$ 350.00 | \$ 7,700.00 | \$ 1,017.75 | \$ 22,390.50 | \$ 1,086.50 | \$ 23,903.00 | \$ 1,080.00 | \$ 23,760.00 |
| 183 | Fixture mounting arm 16'-0" aluminum | 14 | EA | \$ 450.00 | \$ 6,300.00 | \$ 1,437.50 | \$ 20,125.00 | \$ 1,534.60 | \$ 21,484.40 | \$ 1,526.00 | \$ 21,364.00 |
| 184 | Street Lighting Pole fiberglass direct buried base - 35' | 59 | EA | \$ 800.00 | \$ 47,200.00 | \$ 2,645.00 | \$ 156,055.00 | \$ 2,823.60 | \$ 166,592.40 | \$ 2,808.00 | \$ 165,672.00 |
| 185 | Lighting Control Center (100-A, 120/240 V 1-Phase Service and Control Assembly) | 1 | EA | \$ 15,000.00 | \$ 15,000.00 | \$ 32,775.00 | \$ 32,775.00 | \$ 34,988.00 | \$ 34,988.00 | \$ 34,750.00 | \$ 34,750.00 |
| 186 | Conduit (1" PVC, Trenched) | 520 | LF | \$ 14.00 | \$ 7,280.00 | \$ 10.35 | \$ 5,382.00 | \$ 11.10 | \$ 5,772.00 | \$ 11.00 | \$ 5,720.00 |
| 187 | Conduit (2" PVC, Trenched) | 4230 | LF | \$ 15.00 | \$ 63,450.00 | \$ 12.65 | \$ 53,509.50 | \$ 13.50 | \$ 57,105.00 | \$ 13.40 | \$ 56,682.00 |
| 188 | Conduit (3" PVC, Trenched) | 45 | LF | \$ 16.00 | \$ 720.00 | \$ 16.10 | \$ 724.50 | \$ 17.20 | \$ 774.00 | \$ 18.00 | \$ 810.00 |
| 189 | Conduit (2" HDPE, Directional Drill) | 4945 | LF | \$ 25.00 | \$ 123,625.00 | \$ 21.85 | \$ 108,048.25 | \$ 23.30 | \$ 115,218.50 | \$ 23.00 | \$ 113,735.00 |
| 190 | Conduit (3" HDPE, Directional Drill) | 290 | LF | \$ 30.00 | \$ 8,700.00 | \$ 27.60 | \$ 8,004.00 | \$ 29.50 | \$ 8,555.00 | \$ 29.00 | \$ 8,410.00 |
| 191 | In-ground Junction Box Non-Metallic 12"x12"x12" | 67 | EA | \$ 350.00 | \$ 23,450.00 | \$ 1,380.00 | \$ 92,460.00 | \$ 1,473.20 | \$ 98,704.40 | \$ 1,465.00 | \$ 98,155.00 |
| 192 | Conductor Cable (6 AWG/1C) | 12325 | LF | \$ 2.00 | \$ 24,650.00 | \$ 2.07 | \$ 25,512.75 | \$ 2.20 | \$ 27,115.00 | \$ 2.20 | \$ 27,115.00 |
| 193 | Conductor Cable (2 AWG/1C) | 9915 | LF | \$ 3.00 | \$ 29,745.00 | \$ 4.03 | \$ 39,957.45 | \$ 4.30 | \$ 42,634.50 | \$ 4.20 | \$ 41,643.00 |
| 194 | Conductor Cable (10 AWG/1C) | 16305 | LF | \$ 3.00 | \$ 48,915.00 | \$ 1.27 | \$ 20,707.35 | \$ 1.40 | \$ 22,827.00 | \$ 1.30 | \$ 21,196.50 |
| 195 | Conductor Cable (12 AWG/1C) | 1560 | LF | \$ 3.00 | \$ 4,680.00 | \$ 1.15 | \$ 1,794.00 | \$ 1.20 | \$ 1,872.00 | \$ 1.20 | \$ 1,872.00 |

First Colonial Road/Virginia Beach Boulevard Intersection Improvements

PWCN-21-0035 Bid Evaluation; CIP No. 2-072 (100183), 5-601 (100185), 6-601 (100186)
Bid Opening January 11, 2022

| ITEM NO. | ITEM DESCRIPTION | QTY | UNIT | ENGINEERS ESTIMATE | | Kevcor Contracting Corp | | Virginia Carolina Civil | | Branscome Inc. | |
|-------------------------------|---|--------|--------|--------------------|---------------|-------------------------|---------------|-------------------------|-----------------|----------------|---------------|
| | | | | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| MAINTENANCE OF TRAFFIC | | | | | | | | | | | |
| 196 | Group 2 Channelizing Devices | 342000 | EA/DAY | \$ 0.50 | \$ 171,000.00 | \$ 1.25 | \$ 427,500.00 | \$ 0.20 | \$ 68,400.00 | \$ 0.42 | \$ 143,640.00 |
| 197 | Allaying Dust | 640 | HR | \$ 50.00 | \$ 32,000.00 | \$ 145.00 | \$ 92,800.00 | \$ 131.50 | \$ 84,160.00 | \$ 112.00 | \$ 71,680.00 |
| 198 | Type 3 Barricade 8' | 8 | EA | \$ 500.00 | \$ 4,000.00 | \$ 2,600.00 | \$ 20,800.00 | \$ 423.60 | \$ 3,388.80 | \$ 702.00 | \$ 5,616.00 |
| 199 | Temporary (Construction) Sign | 50000 | EA/DAY | \$ 1.30 | \$ 65,000.00 | \$ 2.00 | \$ 100,000.00 | \$ 1.00 | \$ 50,000.00 | \$ 3.44 | \$ 172,000.00 |
| 200 | Portable Changeable Message Sign (PCMS) | 34 | EA/WK | \$ 900.00 | \$ 30,600.00 | \$ 1,100.00 | \$ 37,400.00 | \$ 2,474.60 | \$ 84,136.40 | \$ 1,029.00 | \$ 34,986.00 |
| 201 | Electronic Arrow Board | 360 | EA/DAY | \$ 40.00 | \$ 14,400.00 | \$ 220.00 | \$ 79,200.00 | \$ 129.10 | \$ 46,476.00 | \$ 102.75 | \$ 36,990.00 |
| 202 | Police Assisted Flagger Service | 4100 | HR | \$ 55.00 | \$ 225,500.00 | \$ 87.00 | \$ 356,700.00 | \$ 61.40 | \$ 251,740.00 | \$ 55.00 | \$ 225,500.00 |
| 203 | Temp. Pave. Marker 2 Way | 550 | EA | \$ 7.00 | \$ 3,850.00 | \$ 8.63 | \$ 4,746.50 | \$ 9.20 | \$ 5,060.00 | \$ 9.00 | \$ 4,950.00 |
| 204 | Temp. Pave. Marker 1 Way | 1100 | EA | \$ 11.50 | \$ 12,650.00 | \$ 8.63 | \$ 9,493.00 | \$ 9.20 | \$ 10,120.00 | \$ 9.00 | \$ 9,900.00 |
| 205 | Eradication of Existing Linear Pavement Markings | 60000 | LF | \$ 0.50 | \$ 30,000.00 | \$ 0.56 | \$ 33,600.00 | \$ 0.60 | \$ 36,000.00 | \$ 0.57 | \$ 34,200.00 |
| 206 | Temp. Pvmnt Mrkg. Ty. A, 4" | 43000 | LF | \$ 0.15 | \$ 6,450.00 | \$ 0.16 | \$ 6,880.00 | \$ 0.20 | \$ 8,600.00 | \$ 0.16 | \$ 6,880.00 |
| 207 | Temp. Pvmnt Mrkg. Ty. A, 8" | 2200 | LF | \$ 0.30 | \$ 660.00 | \$ 0.22 | \$ 484.00 | \$ 0.20 | \$ 440.00 | \$ 0.22 | \$ 484.00 |
| 208 | Temp. Pvmnt Mrkg. Ty. A, 24" | 2400 | LF | \$ 2.00 | \$ 4,800.00 | \$ 2.29 | \$ 5,496.00 | \$ 2.40 | \$ 5,760.00 | \$ 2.32 | \$ 5,568.00 |
| 209 | Temp. Pvmnt Symbol Mrkg Single Thru Arrow Ty. A | 90 | EA | \$ 60.00 | \$ 5,400.00 | \$ 40.25 | \$ 3,622.50 | \$ 43.00 | \$ 3,870.00 | \$ 40.50 | \$ 3,645.00 |
| 210 | Temp. Pvmnt Symbol Mrkg Single Turn Arrow Ty. A | 80 | EA | \$ 60.00 | \$ 4,800.00 | \$ 40.25 | \$ 3,220.00 | \$ 43.00 | \$ 3,440.00 | \$ 40.50 | \$ 3,240.00 |
| 211 | Flexible Post Delineator (Surface Mount) | 1000 | EA | \$ 20.00 | \$ 20,000.00 | \$ 90.85 | \$ 90,850.00 | \$ 97.00 | \$ 97,000.00 | \$ 91.90 | \$ 91,900.00 |
| 212 | Temporary Traffic Control Signal (First Colonial Road and S. First Colonial Road) | 1 | LS | \$ 100,000.00 | \$ 100,000.00 | \$ 18,773.75 | \$ 18,773.75 | \$ 20,041.30 | \$ 20,041.30 | \$ 22,250.00 | \$ 22,250.00 |
| 213 | Temporary Traffic Control Signal (First Colonial Road and Virginia Beach Boulevard) | 1 | LS | \$ 125,000.00 | \$ 125,000.00 | \$ 20,125.00 | \$ 20,125.00 | \$ 21,483.80 | \$ 21,483.80 | \$ 33,000.00 | \$ 33,000.00 |
| 214 | Temporary Traffic Control Signal (First Colonial Road/Wisconsin Avenue/EB Ramp) | 1 | LS | \$ 100,000.00 | \$ 100,000.00 | \$ 18,802.50 | \$ 18,802.50 | \$ 20,072.00 | \$ 20,072.00 | \$ 22,289.00 | \$ 22,289.00 |
| WATER | | | | | | | | | | | |
| 215 | 6" DI Water Main | 517 | LF | \$90 | \$ 46,530.00 | \$175 | \$ 90,475.00 | \$368.30 | \$ 190,411.10 | \$308.20 | \$ 159,339.40 |
| 216 | 8" DI Water Main | 122 | LF | \$200 | \$ 24,400.00 | \$224 | \$ 27,328.00 | \$392.90 | \$ 47,933.80 | \$575.00 | \$ 70,150.00 |
| 217 | 12" DI Water Main | 1948 | LF | \$170 | \$ 331,160.00 | \$222 | \$ 432,456.00 | \$417.40 | \$ 813,095.20 | \$337.00 | \$ 656,476.00 |
| 218 | 6" Gate Valve & Box | 4 | EA | \$1,000 | \$ 4,000.00 | \$2,900 | \$ 11,600.00 | \$6,138.20 | \$ 24,552.80 | \$3,200.00 | \$ 12,800.00 |
| 219 | 8" Gate Valve & Box | 3 | EA | \$1,500 | \$ 4,500.00 | \$3,600 | \$ 10,800.00 | \$6,752.10 | \$ 20,256.30 | \$4,000.00 | \$ 12,000.00 |
| 220 | 12" Gate Valve & box | 10 | EA | \$2,500 | \$ 25,000.00 | \$6,600 | \$ 66,000.00 | \$9,207.40 | \$ 92,074.00 | \$6,400.00 | \$ 64,000.00 |
| 221 | 12" X 6" Tapping Sleeve Valve & Box | 3 | EA | \$5,000 | \$ 15,000.00 | \$13,500 | \$ 40,500.00 | \$12,276.50 | \$ 36,829.50 | \$19,195.00 | \$ 57,585.00 |
| 222 | 12" x 8" Tapping Sleeve Valve & Box | 1 | EA | \$7,000 | \$ 7,000.00 | \$15,000 | \$ 15,000.00 | \$12,276.50 | \$ 12,276.50 | \$20,350.00 | \$ 20,350.00 |
| 223 | Fire Hydrant | 6 | EA | \$4,000 | \$ 24,000.00 | \$7,000 | \$ 42,000.00 | \$7,979.70 | \$ 47,878.20 | \$10,760.00 | \$ 64,560.00 |
| 224 | 1" Water Service Line | 31 | EA | \$2,500 | \$ 77,500.00 | \$4,200 | \$ 130,200.00 | \$8,348.00 | \$ 258,788.00 | \$9,316.00 | \$ 288,796.00 |
| 225 | 2" Water Service Line | 2 | EA | \$3,000 | \$ 6,000.00 | \$5,500 | \$ 11,000.00 | \$12,276.50 | \$ 24,553.00 | \$11,633.00 | \$ 23,266.00 |
| 226 | Water Meter Box | 24 | EA | \$500 | \$ 12,000.00 | \$420 | \$ 10,080.00 | \$1,227.70 | \$ 29,464.80 | \$1,163.00 | \$ 27,912.00 |
| 227 | Water Meter Vault | 3 | EA | \$5,000 | \$ 15,000.00 | \$4,700 | \$ 14,100.00 | \$3,682.90 | \$ 11,048.70 | \$6,980.00 | \$ 20,940.00 |
| 228 | Adjust Existing Water Meter Box | 2 | EA | \$500 | \$ 1,000.00 | \$750 | \$ 1,500.00 | \$1,227.70 | \$ 2,455.40 | \$1,163.00 | \$ 2,326.00 |
| 229 | Adjust Exist. Valve Box | 10 | EA | \$500 | \$ 5,000.00 | \$600 | \$ 6,000.00 | \$1,227.70 | \$ 12,277.00 | \$1,163.00 | \$ 11,630.00 |
| SEWER | | | | | | | | | | | |
| 230 | 8" DI Gravity Sewer Main Lined with Protecto 401 (0'-6') | 20 | LF | \$210 | \$ 4,200.00 | \$510 | \$ 10,200.00 | \$368.30 | \$ 7,366.00 | \$1,163.00 | \$ 23,260.00 |
| 231 | 8" DI Gravity Sewer Main Lined with Protecto 401 (6'-12') | 77 | LF | \$250 | \$ 19,250.00 | \$420 | \$ 32,340.00 | \$368.30 | \$ 28,359.10 | \$930.00 | \$ 71,610.00 |
| 232 | 8" DR 26 PVC Gravity Sewer Main (0'-6') | 334 | LF | \$125 | \$ 41,750.00 | \$185 | \$ 61,790.00 | \$343.70 | \$ 114,795.80 | \$290.80 | \$ 97,127.20 |
| 233 | 8" DR 26 PVC Gravity Sewer Main (6'-12') | 2442 | LF | \$180 | \$ 439,560.00 | \$275 | \$ 671,550.00 | \$552.40 | \$ 1,348,960.80 | \$398.00 | \$ 971,916.00 |
| 234 | 10" DI Gravity Sewer Main Lined with Protecto 401 (6'-12') | 20 | LF | \$140 | \$ 2,800.00 | \$560 | \$ 11,200.00 | \$613.80 | \$ 12,276.00 | \$960.00 | \$ 19,200.00 |
| 235 | 10" DR 26 PVC Gravity Sewer Main (6'-12') | 963 | LF | \$200 | \$ 192,600.00 | \$362 | \$ 348,606.00 | \$540.20 | \$ 520,212.60 | \$408.00 | \$ 392,904.00 |
| 236 | 12" C900 PVC Gravity Sewer Main (6'-12') | 60 | LF | \$225 | \$ 13,500.00 | \$650 | \$ 39,000.00 | \$736.60 | \$ 44,196.00 | \$986.00 | \$ 59,160.00 |
| 237 | 6" PVC Lateral Service Connection | 4 | EA | \$4,000 | \$ 16,000.00 | \$6,900 | \$ 27,600.00 | \$12,276.50 | \$ 49,106.00 | \$9,900.00 | \$ 39,600.00 |
| 238 | 4" PVC Lateral Service Connection | 21 | EA | \$2,500 | \$ 52,500.00 | \$6,750 | \$ 141,750.00 | \$12,276.50 | \$ 257,806.50 | \$9,300.00 | \$ 195,300.00 |
| 239 | 4" DI Lateral Service Connection | 1 | EA | \$3,000 | \$ 3,000.00 | \$15,500 | \$ 15,500.00 | \$22,097.70 | \$ 22,097.70 | \$38,300.00 | \$ 38,300.00 |
| 240 | 4" Sanitary Sewer Cleanouts | 19 | EA | \$500 | \$ 9,500.00 | \$810 | \$ 15,390.00 | \$1,227.70 | \$ 23,326.30 | \$2,617.00 | \$ 49,723.00 |
| 241 | 4" PVC Sanitary Service Tee | 15 | EA | \$100 | \$ 1,500.00 | \$870 | \$ 13,050.00 | \$1,227.70 | \$ 18,415.50 | \$2,384.00 | \$ 35,760.00 |
| 242 | 6" PVC Sanitary Service Tee | 1 | EA | \$125 | \$ 125.00 | \$950 | \$ 950.00 | \$1,227.70 | \$ 1,227.70 | \$2,530.00 | \$ 2,530.00 |
| 243 | Standard Sanitary Sewer Manhole | 252 | VF | \$650 | \$ 163,800.00 | \$1,620 | \$ 408,240.00 | \$1,473.20 | \$ 371,246.40 | \$1,396.00 | \$ 351,792.00 |
| 244 | Adjust Exist. Frame & Cover | 1 | EA | \$1,000 | \$ 1,000.00 | \$1,200 | \$ 1,200.00 | \$1,227.70 | \$ 1,227.70 | \$3,664.00 | \$ 3,664.00 |
| 245 | Manhole Frame & Cover | 30 | EA | \$750 | \$ 22,500.00 | \$900 | \$ 27,000.00 | \$1,227.70 | \$ 36,831.00 | \$2,910.00 | \$ 87,300.00 |
| 246 | Sewer Drop Connection | 7 | VF | \$200 | \$ 1,400.00 | \$420 | \$ 2,940.00 | \$3,682.90 | \$ 25,780.30 | \$1,164.00 | \$ 8,148.00 |
| 247 | Large Sanitary Sewer Manhole (60" Diameter) | 11 | VF | \$850 | \$ 9,350.00 | \$2,100 | \$ 23,100.00 | \$2,209.80 | \$ 24,307.80 | \$3,141.00 | \$ 34,551.00 |
| 248 | Post Installation Cleaning and Televising of Sanitary Sewer Mains | 3920 | LF | \$2 | \$ 7,840.00 | \$4 | \$ 15,680.00 | \$9.80 | \$ 38,416.00 | \$8.15 | \$ 31,948.00 |

First Colonial Road/Virginia Beach Boulevard Intersection Improvements

PWCN-21-0035 Bid Evaluation; CIP No. 2-072 (100183), 5-601 (100185), 6-601 (100186)
Bid Opening January 11, 2022

| ITEM NO. | ITEM DESCRIPTION | QTY | UNIT | ENGINEERS ESTIMATE | | Kevcor Contracting Corp | | Virginia Carolina Civil | | Branscome Inc. | |
|--|---|------|------|--------------------|------------------|-------------------------|------------------|-------------------------|---------------|----------------|-----------------|
| | | | | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST | UNIT PRICE | TOTAL COST |
| UTILITY MISC (WATER & SEWER ONLY) | | | | | | | | | | | |
| 249 | Pipe Bedding | 6500 | LF | \$5 | \$ 32,500.00 | \$4 | \$ 26,000.00 | \$18.40 | \$ 119,600.00 | \$29.00 | \$ 188,500.00 |
| 250 | Select Material Used in Trench Backfilling | 4000 | CY | \$30 | \$ 120,000.00 | \$68 | \$ 272,000.00 | \$43.00 | \$ 172,000.00 | \$59.00 | \$ 236,000.00 |
| 251 | Pavement Patching for Utility Trenching | 6100 | LF | \$45 | \$ 274,500.00 | \$150 | \$ 915,000.00 | \$92.10 | \$ 561,810.00 | \$252.00 | \$ 1,537,200.00 |
| ABANDONMENT | | | | | | | | | | | |
| 252 | Remove Existing Water Meter, Box, and Service Line | 47 | EA | \$300 | \$ 14,100.00 | \$1,200 | \$ 56,400.00 | \$2,455.30 | \$ 115,399.10 | \$1,396.00 | \$ 65,612.00 |
| 253 | Remove Existing Sanitary Sewer Cleanout | 15 | EA | \$250 | \$ 3,750.00 | \$900 | \$ 13,500.00 | \$736.60 | \$ 11,049.00 | \$1,396.00 | \$ 20,940.00 |
| 254 | Abandon Existing Sanitary Sewer Manhole | 13 | EA | \$1,500 | \$ 19,500.00 | \$1,400 | \$ 18,200.00 | \$3,069.10 | \$ 39,898.30 | \$2,327.00 | \$ 30,251.00 |
| 255 | Abandon Existing Sewer Main (8") | 3970 | LF | \$10 | \$ 39,700.00 | \$14 | \$ 55,580.00 | \$14.70 | \$ 58,359.00 | \$23.30 | \$ 92,501.00 |
| 256 | Abandon Existing Water Main (6") | 172 | LF | \$5 | \$ 860.00 | \$13 | \$ 2,236.00 | \$14.70 | \$ 2,528.40 | \$24.00 | \$ 4,128.00 |
| 257 | Abandon Existing Water Main (8") | 969 | LF | \$10 | \$ 9,690.00 | \$15 | \$ 14,535.00 | \$14.70 | \$ 14,244.30 | \$24.00 | \$ 23,256.00 |
| 258 | Abandon Existing Water Main (12") | 2242 | LF | \$10 | \$ 22,420.00 | \$16 | \$ 35,872.00 | \$18.40 | \$ 41,252.80 | \$41.00 | \$ 91,922.00 |
| ENVIRONMENTAL | | | | | | | | | | | |
| 259 | Contaminated Groundwater Discharge | 8 | WEEK | \$7,500 | \$ 60,000.00 | \$35,000 | \$ 280,000.00 | \$9,207.40 | \$ 73,659.20 | \$7,594.00 | \$ 60,752.00 |
| 260 | Contaminated Soil Composite Sampling, Transport and Disposal as Hazardous Waste | 750 | TON | \$300 | \$ 225,000.00 | \$145 | \$ 108,750.00 | \$424.60 | \$ 318,450.00 | \$390.00 | \$ 292,500.00 |
| 261 | Contaminated Soil Composite Sampling, Transport and Disposal as Non-Hazardous Waste | 300 | TON | \$75 | \$ 22,500.00 | \$120 | \$ 36,000.00 | \$91.20 | \$ 27,360.00 | \$120.00 | \$ 36,000.00 |
| Base Bid TOTAL | | | | | \$ 12,174,334.75 | \$ 18,426,338.84 | \$ 21,643,777.00 | \$ 22,440,702.20 | | | |