

CITY OF TUKWILA  
DEPARTMENT OF PUBLIC WORKS  
2017 Overlay Program  
BIO TABULATION

April 19, 2017

Line Item

KPG  
SEATTLE-TACOMA

| April 15, 2017                         |       | ENGINEER'S ESTIMATE                       |          |      |              |                     | Lakertide    |               | Lakeside      |                 | Miles         |                 | Watson        |               |
|----------------------------------------|-------|-------------------------------------------|----------|------|--------------|---------------------|--------------|---------------|---------------|-----------------|---------------|-----------------|---------------|---------------|
| No.                                    | Spec. | Item                                      | Quantity | Unit | Unit Cost    | Total Cost          | Unit Price   | Total Cost    | Unit Price    | Total Cost      | Unit Price    | Total Cost      | Unit Price    | Total Cost    |
| ROADWAY (SCHEDULE A)                   |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| Total Schedule A                       |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 1                                      | 1-04  | Unexpected Site Changes                   | 1        | FA   | \$ 12,000.00 | \$ 12,000.00        | \$ 12,000.00 | \$ 12,000.00  | \$ 12,000.00  | \$ 12,000.00    | \$ 12,000.00  | \$ 12,000.00    | \$ 12,000.00  | \$ 12,000.00  |
| 2                                      | 1-07  | Resolution of Utility Conflicts           | 1        | FA   | \$ 6,000.00  | \$ 6,000.00         | \$ 6,000.00  | \$ 6,000.00   | \$ 6,000.00   | \$ 6,000.00     | \$ 6,000.00   | \$ 6,000.00     | \$ 6,000.00   | \$ 6,000.00   |
| 3                                      | 1-07  | EPCC Plan                                 | 1        | LS   | \$ 600.00    | \$ 600.00           | \$ 600.00    | \$ 600.00     | \$ 2,000.00   | \$ 2,000.00     | \$ 800.00     | \$ 800.00       | \$ 2,000.00   | \$ 2,000.00   |
| 4                                      | 1-09  | Mobilization                              | 1        | LS   | \$ 50,000.00 | \$ 50,000.00        | \$ 50,000.00 | \$ 50,000.00  | \$ 350,000.00 | \$ 350,000.00   | \$ 102,000.00 | \$ 102,000.00   | \$ 350,000.00 | \$ 350,000.00 |
| 5                                      | 1-10  | Project Temporary Traffic Control         | 1        | LS   | \$ 90,000.00 | \$ 90,000.00        | \$ 90,000.00 | \$ 90,000.00  | \$ 125,000.00 | \$ 125,000.00   | \$ 150,000.00 | \$ 150,000.00   | \$ 125,000.00 | \$ 125,000.00 |
| 6                                      | 2-02  | Cement Conc. Sidewalk Removal Incl. Haul  | 220      | SY   | \$ 50.00     | \$ 11,000.00        | \$ 50.00     | \$ 11,000.00  | \$ 65.00      | \$ 14,300.00    | \$ 55.00      | \$ 12,100.00    | \$ 35.00      | \$ 7,700.00   |
| 7                                      | 2-02  | Cement Conc. Curb Removal Incl. Haul      | 350      | LF   | \$ 10.00     | \$ 3,500.00         | \$ 10.00     | \$ 3,500.00   | \$ 35.00      | \$ 12,250.00    | \$ 20.00      | \$ 7,000.00     | \$ 20.00      | \$ 7,000.00   |
| 8                                      | 2-02  | Removal of Structure and Obstruction      | 1        | LS   | \$ 3,500.00  | \$ 3,500.00         | \$ 3,500.00  | \$ 3,500.00   | \$ 7,000.00   | \$ 7,000.00     | \$ 1,500.00   | \$ 1,500.00     | \$ 1,500.00   | \$ 1,500.00   |
| 9                                      | 2-02  | Roadway Excavation Incl. Haul             | 1,580    | CV   | \$ 55.00     | \$ 86,900.00        | \$ 55.00     | \$ 86,900.00  | \$ 75.00      | \$ 102,000.00   | \$ 100.00     | \$ 158,000.00   | \$ 77.00      | \$ 124,100.00 |
| 10                                     | 2-03  | Unstable Foundation Excavation Incl. Haul | 10       | CV   | \$ 30.00     | \$ 300.00           | \$ 30.00     | \$ 300.00     | \$ 75.00      | \$ 750.00       | \$ 100.00     | \$ 1,000.00     | \$ 20.00      | \$ 200.00     |
| 11                                     | 4-04  | Crushed Surfacing Top Course              | 1,040    | TON  | \$ 30.00     | \$ 31,200.00        | \$ 30.00     | \$ 31,200.00  | \$ 47.00      | \$ 48,880.00    | \$ 70.00      | \$ 72,800.00    | \$ 40.00      | \$ 41,600.00  |
| 12                                     | 5-04  | Pavement Repair PG 64-22                  | 230      | CV   | \$ 40.00     | \$ 9,200.00         | \$ 40.00     | \$ 9,200.00   | \$ 75.00      | \$ 17,250.00    | \$ 100.00     | \$ 23,000.00    | \$ 124.00     | \$ 28,620.00  |
| 13                                     | 5-04  | MAA CL 1/2" PG 64-22                      | 2,410    | TON  | \$ 90.00     | \$ 216,900.00       | \$ 90.00     | \$ 216,900.00 | \$ 100.00     | \$ 241,000.00   | \$ 50.00      | \$ 120,500.00   | \$ 130.00     | \$ 313,300.00 |
| 14                                     | 5-04  | MAA for Pavement Repair CL 1/2" PG 64-22  | 180      | TON  | \$ 100.00    | \$ 18,000.00        | \$ 100.00    | \$ 18,000.00  | \$ 100.00     | \$ 18,000.00    | \$ 27.00      | \$ 4,860.00     | \$ 200.00     | \$ 36,000.00  |
| 15                                     | 5-04  | Thickened Edge                            | 600      | LF   | \$ 2.00      | \$ 1,200.00         | \$ 2.00      | \$ 1,200.00   | \$ 2.00       | \$ 1,200.00     | \$ 1.20       | \$ 720.00       | \$ 3.00       | \$ 1,800.00   |
| 16                                     | 5-04  | Placing Bituminous Pavement               | 1,620    | SY   | \$ 5.00      | \$ 8,100.00         | \$ 5.00      | \$ 8,100.00   | \$ 30.00      | \$ 48,600.00    | \$ 10.00      | \$ 16,200.00    | \$ 8.00       | \$ 12,960.00  |
| 17                                     | 5-04  | JointCrack Sealing                        | 1        | FA   | \$ 2,000.00  | \$ 2,000.00         | \$ 2,000.00  | \$ 2,000.00   | \$ 2,000.00   | \$ 2,000.00     | \$ 2,000.00   | \$ 2,000.00     | \$ 2,000.00   | \$ 2,000.00   |
| 18                                     | 7-12  | Adjust Water Valve                        | 16       | EA   | \$ 450.00    | \$ 7,200.00         | \$ 450.00    | \$ 7,200.00   | \$ 350.00     | \$ 5,600.00     | \$ 700.00     | \$ 11,200.00    | \$ 450.00     | \$ 7,200.00   |
| 19                                     | 8-01  | Erosion/Water Pollution Control           | 1        | FA   | \$ 6,500.00  | \$ 6,500.00         | \$ 6,500.00  | \$ 6,500.00   | \$ 6,500.00   | \$ 6,500.00     | \$ 6,500.00   | \$ 6,500.00     | \$ 6,500.00   | \$ 6,500.00   |
| 20                                     | 8-01  | Heat Protection                           | 21       | EA   | \$ 80.00     | \$ 1,680.00         | \$ 80.00     | \$ 1,680.00   | \$ 250.00     | \$ 5,250.00     | \$ 250.00     | \$ 5,250.00     | \$ 80.00      | \$ 1,680.00   |
| 21                                     | 8-04  | Cement Conc. Traffic Curb and Gutter      | 190      | LF   | \$ 28.00     | \$ 5,320.00         | \$ 28.00     | \$ 5,320.00   | \$ 50.00      | \$ 9,500.00     | \$ 70.00      | \$ 13,300.00    | \$ 40.00      | \$ 7,600.00   |
| 22                                     | 8-13  | Adjust Monument Case and Cover            | 2        | EA   | \$ 700.00    | \$ 1,400.00         | \$ 700.00    | \$ 1,400.00   | \$ 800.00     | \$ 1,600.00     | \$ 70.00      | \$ 1,400.00     | \$ 200.00     | \$ 400.00     |
| SIDEWALK (SCHEDULE A)                  |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 23                                     | 8-14  | Cement Conc. Sidewalk                     | 340      | SY   | \$ 65.00     | \$ 22,100.00        | \$ 65.00     | \$ 22,100.00  | \$ 75.00      | \$ 25,500.00    | \$ 75.00      | \$ 25,500.00    | \$ 55.00      | \$ 18,700.00  |
| 24                                     | 8-14  | Cement Conc. Curb Ramp                    | 6        | EA   | \$ 2,000.00  | \$ 12,000.00        | \$ 2,000.00  | \$ 12,000.00  | \$ 2,500.00   | \$ 15,000.00    | \$ 2,500.00   | \$ 15,000.00    | \$ 2,500.00   | \$ 15,200.00  |
| STORM SEWER (SCHEDULE A)               |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 25                                     | 7-05  | Adjust Catch Basin                        | 16       | EA   | \$ 450.00    | \$ 7,200.00         | \$ 450.00    | \$ 7,200.00   | \$ 600.00     | \$ 9,600.00     | \$ 900.00     | \$ 14,400.00    | \$ 600.00     | \$ 9,600.00   |
| 26                                     | 7-05  | Rectangular Vented Grate                  | 1        | EA   | \$ 600.00    | \$ 600.00           | \$ 600.00    | \$ 600.00     | \$ 350.00     | \$ 350.00       | \$ 100.00     | \$ 100.00       | \$ 400.00     | \$ 400.00     |
| 27                                     | 7-05  | Storm Drain Marker                        | 15       | EA   | \$ 60.00     | \$ 900.00           | \$ 60.00     | \$ 900.00     | \$ 2,000.00   | \$ 30,000.00    | \$ 2,000.00   | \$ 30,000.00    | \$ 300.00     | \$ 4,500.00   |
| SANITARY SEWER (SCHEDULE A)            |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 28                                     | 7-05  | Adjust Manhole                            | 12       | EA   | \$ 600.00    | \$ 7,200.00         | \$ 600.00    | \$ 7,200.00   | \$ 900.00     | \$ 10,800.00    | \$ 950.00     | \$ 11,400.00    | \$ 600.00     | \$ 7,200.00   |
| TRAFFIC CONTROL (SCHEDULE A)           |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 29                                     | 8-09  | Raised Pavement Marker Type 1             | 1        | HUND | \$ 165.00    | \$ 165.00           | \$ 165.00    | \$ 165.00     | \$ 400.00     | \$ 400.00       | \$ 800.00     | \$ 800.00       | \$ 500.00     | \$ 500.00     |
| 30                                     | 8-09  | Raised Pavement Marker Type 2             | 1        | HUND | \$ 400.00    | \$ 400.00           | \$ 400.00    | \$ 400.00     | \$ 800.00     | \$ 800.00       | \$ 1,600.00   | \$ 1,600.00     | \$ 1,000.00   | \$ 1,000.00   |
| 31                                     | 8-22  | Plastic Traffic Arrow                     | 2        | EA   | \$ 300.00    | \$ 600.00           | \$ 300.00    | \$ 600.00     | \$ 150.00     | \$ 300.00       | \$ 100.00     | \$ 200.00       | \$ 100.00     | \$ 200.00     |
| 32                                     | 8-22  | Plastic Stop Line                         | 40       | LF   | \$ 10.00     | \$ 400.00           | \$ 10.00     | \$ 400.00     | \$ 8.00       | \$ 320.00       | \$ 10.00      | \$ 400.00       | \$ 10.00      | \$ 400.00     |
| 33                                     | 8-22  | Plastic Line, 4 inch                      | 4,080    | LF   | \$ 1.25      | \$ 5,100.00         | \$ 1.25      | \$ 5,100.00   | \$ 0.95       | \$ 3,876.00     | \$ 1.20       | \$ 4,896.00     | \$ 1.20       | \$ 4,892.00   |
| ROADSIDE DEVELOPMENT (SCHEDULE A)      |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 34                                     | 8-02  | Edge Restoration                          | 3070     | LF   | \$ 6.00      | \$ 18,420.00        | \$ 6.00      | \$ 18,420.00  | \$ 4.00       | \$ 12,280.00    | \$ 3.00       | \$ 9,210.00     | \$ 3.00       | \$ 9,210.00   |
| 35                                     | 8-02  | Property Restoration                      | 1        | FA   | \$ 6,000.00  | \$ 6,000.00         | \$ 6,000.00  | \$ 6,000.00   | \$ 6,000.00   | \$ 6,000.00     | \$ 6,000.00   | \$ 6,000.00     | \$ 6,000.00   | \$ 6,000.00   |
| FRANCHISE UTILITY ITEMS (SCHEDULE A)   |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 36                                     | 8-19  | Adjust Franchise Utility Manhole/Vault    | 8        | EA   | \$ 700.00    | \$ 5,600.00         | \$ 700.00    | \$ 5,600.00   | \$ 750.00     | \$ 6,000.00     | \$ 1,200.00   | \$ 9,600.00     | \$ 1,000.00   | \$ 8,000.00   |
| 37                                     | 8-19  | Adjust Gas Valve                          | 4        | EA   | \$ 500.00    | \$ 2,000.00         | \$ 500.00    | \$ 2,000.00   | \$ 1,800.00   | \$ 7,200.00     | \$ 700.00     | \$ 2,800.00     | \$ 500.00     | \$ 2,000.00   |
| SCHEDULE A SUBTOTALS                   |       |                                           |          |      |              | \$ 662,735.00       | \$           | \$ 864,274.00 | \$            | \$ 1,116,106.00 | \$            | \$ 958,242.00   | \$            | \$ 852,878.00 |
| ROADWAY (SCHEDULE B)                   |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| Total Schedule B                       |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 38                                     | 1-04  | Unexpected Site Changes                   | 1        | FA   | \$ 1,500.00  | \$ 1,500.00         | \$ 1,500.00  | \$ 1,500.00   | \$ 1,500.00   | \$ 1,500.00     | \$ 1,500.00   | \$ 1,500.00     | \$ 1,500.00   | \$ 1,500.00   |
| 39                                     | 1-07  | Resolution of Utility Conflicts           | 1        | FA   | \$ 1,000.00  | \$ 1,000.00         | \$ 1,000.00  | \$ 1,000.00   | \$ 1,000.00   | \$ 1,000.00     | \$ 1,000.00   | \$ 1,000.00     | \$ 1,000.00   | \$ 1,000.00   |
| 40                                     | 1-07  | EPCC Plan                                 | 1        | LS   | \$ 100.00    | \$ 100.00           | \$ 100.00    | \$ 100.00     | \$ 200.00     | \$ 200.00       | \$ 400.00     | \$ 400.00       | \$ 200.00     | \$ 200.00     |
| 41                                     | 1-09  | Mobilization                              | 1        | LS   | \$ 9,000.00  | \$ 9,000.00         | \$ 9,000.00  | \$ 9,000.00   | \$ 10,000.00  | \$ 10,000.00    | \$ 20,000.00  | \$ 20,000.00    | \$ 14,000.00  | \$ 14,000.00  |
| 42                                     | 1-10  | Project Temporary Traffic Control         | 1        | LS   | \$ 6,000.00  | \$ 6,000.00         | \$ 6,000.00  | \$ 6,000.00   | \$ 9,000.00   | \$ 9,000.00     | \$ 4,000.00   | \$ 4,000.00     | \$ 18,700.00  | \$ 18,700.00  |
| 43                                     | 2-02  | Cement Conc. Sidewalk Removal Incl. Haul  | 25       | SY   | \$ 50.00     | \$ 1,250.00         | \$ 50.00     | \$ 1,250.00   | \$ 65.00      | \$ 1,625.00     | \$ 50.00      | \$ 1,250.00     | \$ 35.00      | \$ 875.00     |
| 44                                     | 2-02  | Cement Conc. Curb Removal Incl. Haul      | 40       | LF   | \$ 10.00     | \$ 400.00           | \$ 10.00     | \$ 400.00     | \$ 35.00      | \$ 1,400.00     | \$ 20.00      | \$ 800.00       | \$ 20.00      | \$ 800.00     |
| 45                                     | 2-02  | Roadway Excavation Incl. Haul             | 210      | CV   | \$ 55.00     | \$ 11,550.00        | \$ 55.00     | \$ 11,550.00  | \$ 75.00      | \$ 15,750.00    | \$ 100.00     | \$ 21,000.00    | \$ 77.00      | \$ 16,170.00  |
| 46                                     | 2-03  | Unstable Foundation Excavation Incl. Haul | 20       | CV   | \$ 30.00     | \$ 600.00           | \$ 30.00     | \$ 600.00     | \$ 75.00      | \$ 1,500.00     | \$ 100.00     | \$ 2,000.00     | \$ 20.00      | \$ 400.00     |
| 47                                     | 4-04  | Crushed Surfacing Top Course              | 10       | TON  | \$ 30.00     | \$ 300.00           | \$ 30.00     | \$ 300.00     | \$ 45.00      | \$ 450.00       | \$ 70.00      | \$ 700.00       | \$ 40.00      | \$ 400.00     |
| 48                                     | 5-04  | Pavement Repair PG 64-22                  | 360      | CV   | \$ 40.00     | \$ 14,400.00        | \$ 40.00     | \$ 14,400.00  | \$ 100.00     | \$ 36,000.00    | \$ 50.00      | \$ 18,000.00    | \$ 127.00     | \$ 45,720.00  |
| 49                                     | 5-04  | JointCrack Sealing                        | 1        | FA   | \$ 900.00    | \$ 900.00           | \$ 900.00    | \$ 900.00     | \$ 900.00     | \$ 900.00       | \$ 900.00     | \$ 900.00       | \$ 900.00     | \$ 900.00     |
| 50                                     | 8-01  | Erosion/Water Pollution Control           | 1        | FA   | \$ 1,000.00  | \$ 1,000.00         | \$ 1,000.00  | \$ 1,000.00   | \$ 1,000.00   | \$ 1,000.00     | \$ 1,000.00   | \$ 1,000.00     | \$ 1,000.00   | \$ 1,000.00   |
| 51                                     | 8-01  | Heat Protection                           | 6        | EA   | \$ 80.00     | \$ 480.00           | \$ 80.00     | \$ 480.00     | \$ 300.00     | \$ 1,800.00     | \$ 120.00     | \$ 720.00       | \$ 80.00      | \$ 480.00     |
| 52                                     | 8-04  | Cement Conc. Traffic Curb and Gutter      | 40       | LF   | \$ 28.00     | \$ 1,120.00         | \$ 28.00     | \$ 1,120.00   | \$ 50.00      | \$ 2,000.00     | \$ 70.00      | \$ 2,800.00     | \$ 40.00      | \$ 1,600.00   |
| 53                                     | 8-04  | Cement Conc. Traffic Curb                 | 190      | LF   | \$ 37.00     | \$ 7,030.00         | \$ 37.00     | \$ 7,030.00   | \$ 25.00      | \$ 4,750.00     | \$ 70.00      | \$ 13,300.00    | \$ 30.00      | \$ 5,700.00   |
| 54                                     | 8-13  | Adjust Monument Case and Cover            | 130      | LF   | \$ 28.00     | \$ 3,640.00         | \$ 28.00     | \$ 3,640.00   | \$ 15.00      | \$ 1,950.00     | \$ 15.00      | \$ 1,950.00     | \$ 55.00      | \$ 7,150.00   |
| SIDEWALK (SCHEDULE B)                  |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 55                                     | 8-14  | Cement Conc. Sidewalk                     | 30       | SY   | \$ 65.00     | \$ 1,950.00         | \$ 65.00     | \$ 1,950.00   | \$ 75.00      | \$ 2,250.00     | \$ 75.00      | \$ 2,250.00     | \$ 55.00      | \$ 1,650.00   |
| 56                                     | 8-14  | Cement Conc. Curb Ramp                    | 1        | EA   | \$ 2,000.00  | \$ 2,000.00         | \$ 2,000.00  | \$ 2,000.00   | \$ 2,500.00   | \$ 2,500.00     | \$ 2,500.00   | \$ 2,500.00     | \$ 2,500.00   | \$ 2,500.00   |
| STORM SEWER (SCHEDULE B)               |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 57                                     | 7-05  | Adjust Catch Basin                        | 2        | EA   | \$ 450.00    | \$ 900.00           | \$ 450.00    | \$ 900.00     | \$ 600.00     | \$ 1,200.00     | \$ 900.00     | \$ 1,800.00     | \$ 700.00     | \$ 1,400.00   |
| TRAFFIC CONTROL (SCHEDULE B)           |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 58                                     | 8-22  | Plastic Line, 4 inch                      | 220      | LF   | \$ 1.00      | \$ 220.00           | \$ 1.00      | \$ 220.00     | \$ 2.00       | \$ 440.00       | \$ 2.50       | \$ 550.00       | \$ 3.00       | \$ 660.00     |
| ROADSIDE DEVELOPMENT (SCHEDULE B)      |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
| 59                                     | 8-02  | Property Restoration                      | 1        | FA   | \$ 1,000.00  | \$ 1,000.00         | \$ 1,000.00  | \$ 1,000.00   | \$ 1,000.00   | \$ 1,000.00     | \$ 1,000.00   | \$ 1,000.00     | \$ 1,000.00   | \$ 1,000.00   |
| SCHEDULE B SUBTOTALS                   |       |                                           |          |      |              | \$ 8,230.00         | \$           | \$ 108,575.00 | \$            | \$ 116,865.00   | \$            | \$ 118,115.00   | \$            | \$ 135,415.00 |
| TOTAL CONSTRUCTION COST (SCHEDULE A+B) |       |                                           |          |      |              | \$ 750,965.00       | \$           | \$ 972,849.00 | \$            | \$ 1,232,971.00 | \$            | \$ 1,076,357.00 | \$            | \$ 989,293.00 |
|                                        |       |                                           |          |      |              | ENGINEER'S ESTIMATE |              |               |               |                 |               |                 |               |               |
|                                        |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |
|                                        |       |                                           |          |      |              |                     |              |               |               |                 |               |                 |               |               |