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

KPG
SEATTLE · TACOMA

LOW BIDDER

April 19, 2017

No.	Spec	Item	Quantity	Unit	ENGINEER'S ESTIMATE Unit Cost	ENGINEER'S ESTIMATE Total Cost	Lakeridge Unit Price	Lakeridge Total Cost	Lakeside Unit Price	Lakeside Total Cost	Miles Unit Price	Miles Total Cost	Watson Unit Price	Watson Total Cost	average	engineer's estimate	standard deviation	mean - 1SD	lakeridge	lakeridge	mean +1SD
ROADWAY (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	$ 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	$ 6,000.00	$ 6,000.00	$ -	$ 6,000.00	$ 6,000.00	$ 6,000.00	$ 6,000.00
3	1-07	SPCC Plan	1	LS	$ 600.00	$ 600.00	$ 500.00	$ 500.00	$ 2,000.00	$ 2,000.00	$ 850.00	$ 850.00	$ 2,000.00	$ 2,000.00	$ 1,190.00	$ 600.00	$ 750.33	$ 439.67	$ 500.00	$ 500.00	$ 1,940.33
4	1-09	Mobilization	1	LS	$ 56,000.00	$ 56,000.00	$ 86,000.00	$ 86,000.00	$ 350,000.00	$ 350,000.00	$ 102,000.00	$ 102,000.00	$ 80,200.00	$ 80,200.00	$ 134,840.00	$ 56,000.00	$ 121,407.28	$ 13,432.72	$ 86,000.00	**$ 86,000.00**	$ 377,654.56
5	1-10	Project Temporary Traffic Control	1	LS	$ 90,000.00	$ 90,000.00	$ 86,000.00	$ 86,000.00	$ 125,000.00	$ 125,000.00	$ 150,000.00	$ 150,000.00	$ 109,100.00	$ 109,100.00	$ 112,020.00	$ 90,000.00	$ 26,369.53	$ 85,650.47	**$ 86,000.00**	$ 86,000.00	$ 138,389.53
6	2-02	Cement Conc. Sidewalk Removal Incl. Haul	220	SY	$ 50.00	$ 11,000.00	$ 60.00	$ 13,200.00	$ 65.00	$ 14,300.00	$ 55.00	$ 12,100.00	$ 35.00	$ 7,700.00	$ 53.00	$ 50.00	$ 11.51	$ 41.49	**$ 60.00**	$ 60.00	$ 64.51
7	2-02	Cement Conc. Curb Removal Incl. Haul	390	LF	$ 10.00	$ 3,900.00	$ 30.00	$ 11,700.00	$ 35.00	$ 13,650.00	$ 20.00	$ 7,800.00	$ 25.00	$ 9,750.00	$ 24.00	$ 10.00	$ 9.62	$ 14.38	$ 30.00	$ 30.00	$ 33.62
8	2-02	Removal of Structure and Obstruction	1	LS	$ 3,500.00	$ 3,500.00	$ 16,000.00	$ 16,000.00	$ 7,500.00	$ 7,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 1,500.00	$ 6,000.00	$ 3,500.00	$ 6,103.28	$ (103.28)	$ 16,000.00	$ 16,000.00	$ 12,103.28
9	2-02	Roadway Excavation Incl. Haul	1,360	CY	$ 55.00	$ 74,800.00	$ 85.00	$ 115,600.00	$ 75.00	$ 102,000.00	$ 100.00	$ 136,000.00	$ 77.00	$ 104,720.00	$ 78.40	$ 55.00	$ 16.36	$ 62.04	$ 85.00	$ 85.00	$ 94.76
10	2-03	Unsuitable Foundation Excavation Incl. Haul	70	CY	$ 30.00	$ 2,100.00	$ 90.00	$ 6,300.00	$ 75.00	$ 5,250.00	$ 100.00	$ 7,000.00	$ 30.00	$ 2,100.00	$ 65.00	$ 30.00	$ 33.17	$ 31.83	$ 90.00	$ 90.00	$ 98.17
11	4-04	Crushed Surfacing Top Course	1,040	TON	$ 30.00	$ 31,200.00	$ 80.00	$ 82,400.00	$ 25.00	$ 26,000.00	$ 47.00	$ 48,880.00	$ 82.00	$ 85,280.00	$ 48.80	$ 30.00	$ 23.19	$ 25.61	**$ 60.00**	$ 60.00	$ 71.99
12	5-04	Pavement Repair Excavation Incl. Haul	230	CY	$ 90.00	$ 20,700.00	$ 90.00	$ 20,700.00	$ 75.00	$ 17,250.00	$ 150.00	$ 34,500.00	$ 124.00	$ 28,520.00	$ 105.80	$ 90.00	$ 30.55	$ 75.25	**$ 90.00**	$ 90.00	$ 136.35
13	5-04	HMA Cl. 1/2" PG 64-22	2,410	TON	$ 90.00	$ 216,900.00	$ 100.00	$ 241,000.00	$ 100.00	$ 241,000.00	$ 95.00	$ 228,950.00	$ 103.00	$ 248,230.00	$ 97.60	$ 90.00	$ 5.13	$ 92.47	**$ 100.00**	$ 100.00	$ 102.73
14	5-04	HMA for Pavement Repair Cl. 1/2" PG 64-22	180	TON	$ 100.00	$ 18,000.00	$ 150.00	$ 27,000.00	$ 150.00	$ 27,000.00	$ 152.00	$ 27,360.00	$ 160.00	$ 28,800.00	$ 142.40	$ 100.00	$ 24.06	$ 118.34	$ 150.00	$ 150.00	$ 166.46
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	$ 2.04	$ 2.00	$ 0.64	$ 1.40	$ 2.00	$ 2.00	$ 2.68
16	5-04	Planing Bituminous Pavement	1,630	SY	$ 5.00	$ 8,150.00	$ 23.00	$ 37,490.00	$ 30.00	$ 48,900.00	$ 20.00	$ 32,600.00	$ 8.50	$ 13,855.00	$ 17.30	$ 5.00	$ 10.37	$ 6.93	**$ 23.00**	$ 23.00	$ 27.67
17	5-04	Joint/Crack 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	$ 2,000.00	$ 2,000.00	$ -	$ 2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00
18	7-12	Adjust Water Valve	18	EA	$ 400.00	$ 8,100.00	$ 470.00	$ 8,460.00	$ 350.00	$ 6,300.00	$ 700.00	$ 12,600.00	$ 450.00	$ 8,100.00	$ 484.00	$ 470.00	$ 129.54	$ 354.46	$ 470.00	$ 470.00	$ 613.54
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	$ 6,500.00	$ 6,500.00	$ -	$ 6,500.00	$ 6,500.00	$ 6,500.00	$ 6,500.00
20	8-01	Inlet Protection	21	EA	$ 80.00	$ 1,680.00	$ 50.00	$ 1,050.00	$ 100.00	$ 2,100.00	$ 120.00	$ 2,520.00	$ 80.00	$ 1,680.00	$ 86.00	$ 80.00	$ 26.08	$ 59.92	$ 50.00	$ 50.00	$ 112.08
21	8-04	Cement Conc. Traffic Curb and Gutter	390	LF	$ 28.00	$ 10,920.00	$ 40.00	$ 15,600.00	$ 50.00	$ 19,500.00	$ 70.00	$ 27,300.00	$ 40.00	$ 15,600.00	$ 45.60	$ 28.00	$ 15.71	$ 29.89	$ 40.00	$ 40.00	$ 61.31
22	8-13	Adjust Monument Case and Cover	2	EA	$ 700.00	$ 1,400.00	$ 470.00	$ 940.00	$ 500.00	$ 1,000.00	$ 700.00	$ 1,400.00	$ 500.00	$ 1,000.00	$ 574.00	$ 700.00	$ 115.67	$ 458.33	$ 470.00	$ 470.00	$ 689.67
SIDEWALK (SCHEDULE A)																					
23	8-14	Cement Conc. Sidewalk	240	SY	$ 65.00	$ 15,600.00	$ 60.00	$ 14,400.00	$ 75.00	$ 18,000.00	$ 75.00	$ 18,000.00	$ 55.00	$ 13,200.00	$ 66.00	$ 65.00	$ 8.94	$ 57.06	$ 60.00	$ 60.00	$ 74.94
24	8-14	Cement Conc. Curb Ramp	6	EA	$ 2,000.00	$ 12,000.00	$ 2,700.00	$ 16,200.00	$ 2,500.00	$ 15,000.00	$ 2,600.00	$ 15,600.00	$ 2,000.00	$ 12,000.00	$ 2,360.00	$ 2,000.00	$ 336.15	$ 2,023.85	$ 2,700.00	$ 2,700.00	$ 2,696.15
STORM SEWER (SCHEDULE A)																					
25	7-05	Adjust Catch Basin	16	EA	$ 450.00	$ 7,200.00	$ 625.00	$ 10,000.00	$ 500.00	$ 8,000.00	$ 910.00	$ 14,560.00	$ 600.00	$ 9,600.00	$ 617.00	$ 450.00	$ 178.73	$ 438.27	$ 625.00	$ 625.00	$ 795.73
26	7-05	Rectangular Vaned Grate	1	EA	$ 600.00	$ 600.00	$ 350.00	$ 350.00	$ 100.00	$ 100.00	$ 400.00	$ 400.00	$ 350.00	$ 350.00	$ 360.00				$ 350.00	$ 350.00	
27	7-05	Storm Drain Marker	15	EA	$ 50.00	$ 750.00	$ 19.00	$ 285.00	$ 15.00	$ 225.00	$ 20.00	$ 300.00	$ 20.00	$ 300.00	$ 24.80	$ 50.00	$ 14.24	$ 10.56	$ 19.00	$ 19.00	$ 39.04
SANITARY SEWER (SCHEDULE A)																					
28	7-05	Adjust Manhole	12	EA	$ 600.00	$ 7,200.00	$ 625.00	$ 7,500.00	$ 500.00	$ 6,000.00	$ 910.00	$ 10,920.00	$ 600.00	$ 7,200.00	$ 647.00	$ 600.00	$ 154.66	$ 492.34	$ 625.00	$ 625.00	$ 801.66
TRAFFIC CONTROL (SCHEDULE A)																					
29	8-09	Raised Pavement Marker Type 1	1	HUND	$ 165.00	$ 165.00	$ 500.00	$ 500.00	$ 400.00	$ 400.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 413.00	$ 165.00	$ 145.24	$ 267.76	$ 500.00	$ 500.00	$ 558.24
30	8-09	Raised Pavement Marker Type 2	1	HUND	$ 400.00	$ 400.00	$ 1,000.00	$ 1,000.00	$ 800.00	$ 800.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 840.00	$ 400.00	$ 260.77	$ 579.23	$ 1,000.00	$ 1,000.00	$ 1,100.77
31	8-22	Plastic Traffic Arrow	2	EA	$ 300.00	$ 600.00	$ 97.00	$ 194.00	$ 77.00	$ 154.00	$ 100.00	$ 200.00	$ 100.00	$ 200.00	$ 134.80	$ 300.00	$ 92.85	$ 41.95	$ 97.00	$ 97.00	$ 227.65
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	$ 9.60	$ 10.00	$ 0.89	$ 8.71	$ 10.00	$ 10.00	$ 10.49
33	8-22	Plastic Line, 4 Inch	4,060	LF	$ 1.00	$ 4,060.00	$ 1.25	$ 5,075.00	$ 0.95	$ 3,857.00	$ 1.20	$ 4,872.00	$ 1.20	$ 4,872.00	$ 1.12	$ 1.00	$ 0.14	$ 0.98	$ 1.25	$ 1.25	$ 1.26
ROADSIDE DEVELOPMENT (SCHEDULE A)																					
34	8-02	Edge Restoration	3370	LF	$ 4.00	$ 13,480.00	$ 5.00	$ 16,850.00	$ 4.00	$ 13,480.00	$ 3.00	$ 10,110.00	$ 3.30	$ 11,121.00	$ 3.86	$ 4.00	$ 0.77	$ 3.09	$ 5.00	$ 5.00	$ 4.63
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	$ 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	$ 750.00	$ 6,000.00	$ 750.00	$ 6,000.00	$ 1,500.00	$ 12,000.00	$ 1,000.00	$ 8,000.00	$ 940.00	$ 700.00	$ 334.29	$ 605.71	$ 750.00	$ 750.00	$ 1,274.29
37	8-19	Adjust Gas Valve	4	EA	$ 500.00	$ 2,000.00	$ 470.00	$ 1,880.00	$ 350.00	$ 1,400.00	$ 700.00	$ 2,800.00	$ 450.00	$ 1,800.00	$ 494.00	$ 500.00	$ 128.18	$ 365.82	$ 470.00	$ 470.00	$ 622.18
															$ -	$ -	$ -	$ -	$ -	$ -	$ -
		SCHEDULE A SUBTOTALS				**$ 662,705.00**		**$ 864,274.00**		**$ 1,116,186.00**		**$ 958,242.00**		**$ 852,978.00**	$ -	$ -	$ -	$ -	$ -	$ -	$ -
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	$ 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	$ 1,000.00	$ 1,000.00	$ -	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
40	1-07	SPCC Plan	1	LS	$ 100.00	$ 100.00	$ 250.00	$ 250.00	$ 500.00	$ 500.00	$ 425.00	$ 425.00	$ 500.00	$ 500.00	$ 355.00	$ 100.00	$ 175.36	$ 179.64	$ 250.00	$ 250.00	$ 530.36
41	1-09	Mobilization	1	LS	$ 9,000.00	$ 9,000.00	$ 10,000.00	$ 10,000.00	$ 28,000.00	$ 28,000.00	$ 12,000.00	$ 12,000.00	$ 14,000.00	$ 14,000.00	$ 14,600.00	$ 9,000.00	$ 7,733.05	$ 6,866.95	$ 10,000.00	$ 10,000.00	$ 22,333.05
42	1-10	Project Temporary Traffic Control	1	LS	$ 8,000.00	$ 8,000.00	$ 12,500.00	$ 12,500.00	$ 9,000.00	$ 9,000.00	$ 4,800.00	$ 4,800.00	$ 18,700.00	$ 18,700.00	$ 10,600.00	$ 8,000.00	$ 5,295.75	$ 5,304.25	$ 12,500.00	$ 12,500.00	$ 15,895.75
43	2-02	Cement Conc. Sidewalk Removal Incl. Haul	25	SY	$ 50.00	$ 1,250.00	$ 60.00	$ 1,500.00	$ 65.00	$ 1,625.00	$ 80.00	$ 2,000.00	$ 35.00	$ 875.00	$ 58.00	$ 50.00	$ 16.81	$ 41.19	$ 60.00	$ 60.00	$ 74.81
44	2-02	Cement Conc. Curb Removal Incl. Haul	40	LF	$ 10.00	$ 400.00	$ 30.00	$ 1,200.00	$ 35.00	$ 1,400.00	$ 40.00	$ 1,600.00	$ 25.00	$ 1,000.00	$ 28.00		$ 11.51	$ 16.49	$ 30.00	$ 30.00	$ 39.51
45	2-02	Roadway Excavation Incl. Haul	210	CY	$ 55.00	$ 11,550.00	$ 85.00	$ 17,850.00	$ 75.00	$ 15,750.00	$ 125.00	$ 26,250.00	$ 127.00	$ 26,670.00	$ 93.40		$ 31.67	$ 61.73	$ 85.00	$ 85.00	$ 125.07
46	2-03	Unsuitable Foundation Excavation Incl. Haul	20	CY	$ 30.00	$ 600.00	$ 90.00	$ 1,800.00	$ 75.00	$ 1,500.00	$ 100.00	$ 2,000.00	$ 60.00	$ 1,200.00	$ 71.00	$ 30.00	$ 27.48	$ 43.52	$ 90.00	$ 90.00	$ 98.48
47	4-04	Crushed Surfacing Top Course	10	TON	$ 30.00	$ 300.00	$ 60.00	$ 600.00	$ 25.00	$ 250.00	$ 100.00	$ 1,000.00	$ 150.00	$ 1,500.00	$ 73.00	$ 30.00	$ 52.39	$ 20.61	**$ 60.00**	$ 60.00	$ 125.39
48	5-04	HMA Cl. 1/2" PG 64-22	390	TON	$ 90.00	$ 35,100.00	$ 100.00	$ 39,000.00	$ 100.00	$ 39,000.00	$ 95.00	$ 37,050.00	$ 127.00	$ 49,530.00	$ 102.40	$ 90.00	$ 14.36	$ 88.04	$ 100.00	$ 100.00	$ 116.76
49	5-04	Joint/Crack Sealing	1	FA	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ -	$ 500.00	$ 500.00	$ 500.00	$ 500.00
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	$ 1,000.00	$ 1,000.00	$ -	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
51	8-01	Inlet Protection	6	EA	$ 80.00	$ 480.00	$ 50.00	$ 300.00	$ 100.00	$ 600.00	$ 120.00	$ 720.00	$ 80.00	$ 480.00	$ 86.00	$ 80.00	$ 26.08	$ 59.92	$ 50.00	$ 50.00	$ 112.08
52	8-04	Cement Conc. Traffic Curb and Gutter	40	LF	$ 28.00	$ 1,120.00	$ 60.00	$ 2,400.00	$ 50.00	$ 2,000.00	$ 70.00	$ 2,800.00	$ 40.00	$ 1,600.00	$ 49.60	$ 28.00	$ 16.46	$ 33.14	$ 60.00	$ 60.00	$ 66.06
53		Cement Conc. Traffic Curb	190	LF	$ 37.00	$ 7,030.00	$ 40.00	$ 7,600.00	$ 25.00	$ 4,750.00	$ 70.00	$ 13,300.00	$ 40.00	$ 7,600.00	$ 42.40		$ 16.62	$ 25.78	$ 40.00	$ 40.00	$ 59.02
54		Cement Conc. Extruded Curb Type 6	130	LF	$ 25.00	$ 3,250.00	$ 12.50	$ 1,625.00	$ 10.00	$ 1,300.00	$ 15.00	$ 1,950.00	$ 15.00	$ 1,950.00	$ 15.50		$ 5.70	$ 9.80	$ 12.50	$ 12.50	$ 21.20
SIDEWALK (SCHEDULE B)																					
55		Cement Conc. Sidewalk	30	SY	$ 65.00	$ 1,950.00	$ 75.00	$ 2,250.00	$ 75.00	$ 2,250.00	$ 75.00	$ 2,250.00	$ 55.00	$ 1,650.00									
56		Cement Conc. Curb Ramp	1	EA	$ 2,000.00	$ 2,000.00	$ 2,900.00	$ 2,900.00	$ 2,500.00	$ 2,500.00	$ 2,600.00	$ 2,600.00	$ 2,000.00	$ 2,000.00							
STORM SEWER (SCHEDULE B)															$ -	$ -	$ -	$ -	$ -	$ -	$ -
57	7-05	Adjust Catch Basin	2	EA	$ 450.00	$ 900.00	$ 625.00	$ 1,250.00	$ 500.00	$ 1,000.00	$ 910.00	$ 1,820.00	$ 750.00	$ 1,500.00	$ 647.00	$ 450.00	$ 187.54	$ 459.46	$ 625.00	$ 625.00	$ 834.54
TRAFFIC CONTROL (SCHEDULE B)																					
58	8-22	Paint Line, 4 Inch	220	LF	$ 1.00	$ 220.00	$ 2.50	$ 550.00	$ 2.00	$ 440.00	$ 2.50	$ 550.00	$ 3.00	$ 660.00	$ 2.20	$ 1.00	$ 0.76	$ -	$ 2.50	$ 2.50	$ 2.96
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	$ 1,000.00	$ 1,000.00	$ -	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
		SCHEDULE B SUBTOTALS				**$ 88,250.00**		**$ 108,575.00**		**$ 116,865.00**		**$ 118,115.00**		**$ 136,415.00**							
		TOTAL CONSTRUCTION COST (SCHEDULE A+B)				**$ 750,955.00 ENGINEER'S ESTIMATE**		**$ 972,849.00**		**$ 1,233,051.00**		**$ 1,076,357.00**		**$ 989,393.00**							