

CITY OF PUYALLUP

BID TAB

WSU LID Frontage Improvements, Phase 4a (#16-013)

December 1, 2020

ITEM	UNIT	EST QTY	DESCRIPTION	ENGINEER'S ESTIMATE		REED TRUCKING & EXCAVATING		SCI INFRASTRUCTURE		NORTHWEST CASCADE		PIVETTA BROTHERS		R.L. ALIA COMPANY	
				UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
WSU LID Frontage Improvements, Phase 4a															
SCHEDULE A: ROADWAY & STORM IMPROVEMENTS															
100	EQ. ADJ.	1	Minor Change	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00
101	LS	1	Structure Surveying	\$5,000.00	\$ 5,000.00	\$3,000.00	\$ 3,000.00	\$2,800.00	\$ 2,800.00	\$2,800.00	\$ 2,800.00	\$ 2,625.00	\$ 2,625.00	\$ 4,000.00	\$ 4,000.00
102	LS	1	Roadway Surveying	\$7,500.00	\$ 7,500.00	\$22,000.00	\$ 22,000.00	\$13,500.00	\$ 13,500.00	\$12,800.00	\$ 12,800.00	\$ 12,075.00	\$ 12,075.00	\$ 12,000.00	\$ 12,000.00
103	LS	1	Record Drawings (Minimum Bid \$1,000)	\$1,000.00	\$ 1,000.00	\$1,000.00	\$ 1,000.00	\$2,500.00	\$ 2,500.00	\$1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
104	LS	1	SPCC Plan	\$1,500.00	\$ 1,500.00	\$200.00	\$ 200.00	\$550.00	\$ 550.00	\$250.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
105	LS	1	Mobilization	\$220,000.00	\$ 220,000.00	\$200,000.00	\$ 200,000.00	\$225,000.00	\$ 225,000.00	\$255,000.00	\$ 255,000.00	\$ 207,000.00	\$ 207,000.00	\$ 185,000.00	\$ 185,000.00
106	HR	100	Uniformed Police Officer	\$120.00	\$ 12,000.00	\$100.00	\$ 10,000.00	\$115.00	\$ 11,500.00	\$111.00	\$ 11,100.00	\$ 131.25	\$ 13,125.00	\$ 80.00	\$ 8,000.00
107	LS	1	Project Temporary Traffic Control	\$250,000.00	\$ 250,000.00	\$100,000.00	\$ 100,000.00	\$90,000.00	\$ 90,000.00	\$131,000.00	\$ 131,000.00	\$ 115,000.00	\$ 115,000.00	\$ 90,000.00	\$ 90,000.00
108	LS	1	Clearing and Grubbing	\$10,000.00	\$ 10,000.00	\$25,000.00	\$ 25,000.00	\$9,250.00	\$ 9,250.00	\$40,000.00	\$ 40,000.00	\$ 6,185.00	\$ 6,185.00	\$ 20,000.00	\$ 20,000.00
109	LS	1	Removal of Structures and Obstructions	\$15,000.00	\$ 15,000.00	\$15,000.00	\$ 15,000.00	\$14,000.00	\$ 14,000.00	\$20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00	\$ 25,000.00	\$ 25,000.00
110	SY	4,539	Asphalt Conc. Pavement Removal	\$9.00	\$ 40,851.00	\$6.00	\$ 27,234.00	\$2.75	\$ 12,482.25	\$6.00	\$ 27,234.00	\$ 19.75	\$ 89,645.25	\$ 8.00	\$ 36,312.00
111	EA	2	Adjust Existing Utility to Grade	\$1,200.00	\$ 2,400.00	\$500.00	\$ 1,000.00	\$550.00	\$ 1,100.00	\$550.00	\$ 1,100.00	\$ 612.00	\$ 1,224.00	\$ 1,500.00	\$ 3,000.00
112	EA	10	Potholing	\$750.00	\$ 7,500.00	\$500.00	\$ 5,000.00	\$300.00	\$ 3,000.00	\$360.00	\$ 3,600.00	\$ 535.00	\$ 5,350.00	\$ 800.00	\$ 8,000.00
113	SY	70	Cement Conc. Sidewalk Removal	\$20.00	\$ 1,400.00	\$8.00	\$ 560.00	\$5.00	\$ 350.00	\$13.00	\$ 910.00	\$ 8.25	\$ 577.50	\$ 20.00	\$ 1,400.00
114	LF	60	Curb Removal	\$10.00	\$ 600.00	\$5.00	\$ 300.00	\$5.00	\$ 300.00	\$9.00	\$ 540.00	\$ 8.25	\$ 495.00	\$ 20.00	\$ 1,200.00
115	LS	1	Roadway Excavation Incl. Haul	\$120,000.00	\$ 120,000.00	\$75,000.00	\$ 75,000.00	\$70,000.00	\$ 70,000.00	\$60,000.00	\$ 60,000.00	\$ 85,650.00	\$ 85,650.00	\$ 92,500.00	\$ 92,500.00
116	CY	307	Unsuitable Roadway Foundation Excavation Incl. Haul	\$60.00	\$ 18,420.00	\$50.00	\$ 15,350.00	\$27.00	\$ 8,289.00	\$77.00	\$ 23,639.00	\$ 82.75	\$ 25,404.25	\$ 75.00	\$ 23,025.00
117	CY	774	Gravel Borrow Incl. Haul	\$45.00	\$ 34,830.00	\$40.00	\$ 30,960.00	\$15.00	\$ 11,610.00	\$34.50	\$ 26,703.00	\$ 50.00	\$ 38,700.00	\$ 30.00	\$ 23,220.00
118	LS	1	Preload	\$50,000.00	\$ 50,000.00	\$35,000.00	\$ 35,000.00	\$30,000.00	\$ 30,000.00	\$41,000.00	\$ 41,000.00	\$ 38,650.00	\$ 38,650.00	\$ 65,000.00	\$ 65,000.00
119	CY	88	Unsuitable Preload Foundation Excavation Incl. Haul	\$75.00	\$ 6,600.00	\$50.00	\$ 4,400.00	\$88.00	\$ 7,744.00	\$77.00	\$ 6,776.00	\$ 61.25	\$ 5,390.00	\$ 75.00	\$ 6,600.00
120	LS	1	Shoring or Extra Excavation Class B	\$7,000.00	\$ 7,000.00	\$500.00	\$ 500.00	\$1,500.00	\$ 1,500.00	\$1,000.00	\$ 1,000.00	\$ 2,310.00	\$ 2,310.00	\$ 30,000.00	\$ 30,000.00
121	CY	33	Controlled Density Fill	\$220.00	\$ 7,260.00	\$120.00	\$ 3,960.00	\$130.00	\$ 4,290.00	\$238.00	\$ 7,854.00	\$ 202.95	\$ 6,697.35	\$ 200.00	\$ 6,600.00
122	SY	756	Geomembrane Liner	\$20.00	\$ 15,120.00	\$10.00	\$ 7,560.00	\$7.50	\$ 5,670.00	\$8.00	\$ 6,048.00	\$ 10.70	\$ 8,089.20	\$ 10.00	\$ 7,560.00
123	SY	4,179	Construction Geotextile for Underground Drainage	\$5.50	\$ 22,984.50	\$4.00	\$ 16,716.00	\$3.75	\$ 15,671.25	\$4.00	\$ 16,716.00	\$ 2.80	\$ 11,701.20	\$ 6.00	\$ 25,074.00
124	SY	140	Construction Geotextile for Soil Stabilization	\$3.50	\$ 490.00	\$5.00	\$ 700.00	\$1.35	\$ 189.00	\$4.00	\$ 560.00	\$ 2.70	\$ 378.00	\$ 8.00	\$ 1,120.00
125	TN	107	Crushed Surfacing Top Course	\$50.00	\$ 5,350.00	\$33.00	\$ 3,531.00	\$65.00	\$ 6,955.00	\$39.00	\$ 4,173.00	\$ 97.45	\$ 10,427.15	\$ 80.00	\$ 8,560.00
126	TN	1,283	Crushed Surfacing Base Course	\$38.00	\$ 48,754.00	\$25.00	\$ 32,075.00	\$35.00	\$ 44,905.00	\$32.00	\$ 41,056.00	\$ 41.55	\$ 53,308.65	\$ 35.00	\$ 44,905.00
127	TN	2,583	Permeable Ballast Incl. Haul	\$50.00	\$ 129,150.00	\$31.00	\$ 80,073.00	\$42.00	\$ 108,486.00	\$40.00	\$ 103,320.00	\$ 32.00	\$ 82,656.00	\$ 45.00	\$ 116,235.00
128	TN	1,714	Asphalt Treated Permeable Base, PG 58V-22	\$90.00	\$ 154,260.00	\$87.00	\$ 149,118.00	\$100.00	\$ 171,400.00	\$85.00	\$ 145,690.00	\$ 89.25	\$ 152,974.50	\$ 96.00	\$ 164,544.00
129	TN	590	PHMA CL. 1/2 In. PG 58V-22	\$120.00	\$ 70,800.00	\$130.00	\$ 76,700.00	\$112.00	\$ 66,080.00	\$139.00	\$ 82,010.00	\$ 131.25	\$ 77,437.50	\$ 106.00	\$ 62,540.00
130	TN	347	HMA CL. 1/2 In. PG 58H-22	\$140.00	\$ 48,580.00	\$115.00	\$ 39,905.00	\$140.00	\$ 48,580.00	\$122.00	\$ 42,334.00	\$ 115.50	\$ 40,078.50	\$ 130.00	\$ 45,110.00
131	SY	220	HMA for Pavement Repair CL. 1/2 In. PG 58H-22	\$200.00	\$ 44,000.00	\$45.00	\$ 9,900.00	\$67.00	\$ 14,740.00	\$39.00	\$ 8,580.00	\$ 36.75	\$ 8,085.00	\$ 70.00	\$ 15,400.00
132	LS	1	Extend Equipment Underpass Precast Bridge	\$190,000.00	\$ 190,000.00	\$80,000.00	\$ 80,000.00	\$100,000.00	\$ 100,000.00	\$63,000.00	\$ 63,000.00	\$ 119,725.00	\$ 119,725.00	\$ 92,000.00	\$ 92,000.00
133	CY	12	Unsuitable Precast Bridge Foundation Excavation Incl. Haul	\$75.00	\$ 900.00	\$50.00	\$ 600.00	\$100.00	\$ 1,200.00	\$ 146.00	\$ 1,752.00	\$ 49.65	\$ 595.80	\$ 75.00	\$ 900.00
134	LF	283	Temporary Precast Conc. Barrier Type 2	\$40.00	\$ 11,320.00	\$26.00	\$ 7,358.00	\$24.00	\$ 6,792.00	\$ 25.00	\$ 7,075.00	\$ 16.00	\$ 4,528.00	\$ 24.00	\$ 6,792.00
135	LF	266	Precast Conc. Barrier Type Single Slope	\$125.00	\$ 33,250.00	\$124.00	\$ 32,984.00	\$125.00	\$ 33,250.00	\$ 126.00	\$ 33,516.00	\$ 140.00	\$ 37,240.00	\$ 120.00	\$ 31,920.00
136	EA	2	Precast Conc. Barrier Type Single Slope Terminal	\$5,000.00	\$ 10,000.00	\$3,350.00	\$ 6,700.00	\$3,250.00	\$ 6,500.00	\$ 3,400.00	\$ 6,800.00	\$ 2,625.00	\$ 5,250.00	\$ 3,200.00	\$ 6,400.00
137	EA	2	Cast-In-Place Single Slope Low Speed Concrete Barrier Terminal	\$20,000.00	\$ 40,000.00	\$1,000.00	\$ 2,000.00	\$9,500.00	\$ 19,000.00	\$ 12,100.00	\$ 24,200.00	\$ 9,450.00	\$ 18,900.00	\$ 10,000.00	\$ 20,000.00
138	SF	1,715	Soil Nail Wall System	\$56.00	\$ 96,040.00	\$35.00	\$ 60,025.00	\$24.00	\$ 41,160.00	\$ 24.00	\$ 41,160.00	\$ 23.65	\$ 40,559.75	\$ 28.00	\$ 48,020.00
139	EA	92	Soil Nail (Up to 12 Ft.)	\$325.00	\$ 29,900.00	\$1,000.00	\$ 92,000.00	\$950.00	\$ 87,400.00	\$ 510.00	\$ 46,920.00	\$ 945.00	\$ 86,940.00	\$ 1,000.00	\$ 92,000.00
140	LF	25	Soil Nail Additional Length	\$20.00	\$ 500.00	\$100.00	\$ 2,500.00	\$80.00	\$ 2,000.00	\$ 25.00	\$ 625.00	\$ 78.75	\$ 1,968.75	\$ 75.00	\$ 1,875.00
141	EA	8	Soil Nail Verification Test and Nail Proof Test	\$450.00	\$ 3,600.00	\$1,200.00	\$ 9,600.00	\$1,100.00	\$ 8,800.00	\$ 2,200.00	\$ 17,600.00	\$ 1,050.00	\$ 8,400.00	\$ 1,000.00	\$ 8,000.00
142	LF	98	Underdrain Pipe 6 In. Diam.	\$100.00	\$ 9,800.00	\$50.00	\$ 4,900.00	\$37.00	\$ 3,626.00	\$ 26.00	\$ 2,548.00	\$ 39.00	\$ 3,822.00	\$ 40.00	\$ 3,920.00
143	EA	3	Slotted Underdrain for Sampling, Complete	\$6,500.00	\$ 19,500.00	\$1,600.00	\$ 4,800.00	\$950.00	\$ 2,850.00	\$ 1,620.00	\$ 4,860.00	\$ 1,142.50	\$ 3,427.50	\$ 4,000.00	\$ 12,000.00
144	EA	3	Shallow Underdrain for Sampling, Complete	\$5,500.00	\$ 16,500.00	\$1,100.00	\$ 3,300.00	\$600.00	\$ 1,800.00	\$ 940.00	\$ 2,820.00	\$ 678.45	\$ 2,035.35	\$ 4,000.00	\$ 12,000.00
145	LF	30	Corrugated Polyethylene Storm Sewer Pipe 4 In. Diam.	\$160.00	\$ 4,800.00	\$25.00	\$ 750.00	\$65.00	\$ 1,950.00	\$ 23.00	\$ 690.00	\$ 57.35	\$ 1,720.50	\$ 80.00	\$ 2,400.00
146	LF	30	Corrugated Polyethylene Storm Sewer Pipe 8 In. Diam.	\$200.00	\$ 6,000.00	\$25.00	\$ 750.00	\$95.00	\$ 2,850.00	\$ 50.00	\$ 1,500.00	\$ 71.00	\$ 2,130.00	\$ 90.00	\$ 2,700.00
147	LF	33	Solid Wall PVC Storm Sewer Pipe 6 In. Diam.	\$200.00	\$ 6,600.00	\$35.00	\$ 1,155.00	\$95.00	\$ 3,135.00	\$ 35.00	\$ 1,155.00	\$ 72.25	\$ 2,384.25	\$ 90.00	\$ 2,970.00
148	LF	690	Solid Wall PVC Storm Sewer Pipe 12 In. Diam.	\$95.00	\$ 65,550.00	\$60.00	\$ 41,400.00	\$80.00	\$ 55,200.00	\$ 59.00	\$ 40,710.00	\$ 93.00	\$ 64,170.00	\$ 95.00	\$ 65,550.00
149	LF	137	Ductile Iron Storm Sewer Pipe 12 In. Diam.	\$180.00	\$ 24,660.00	\$90.00	\$ 12,330.00	\$110.00	\$ 15,070.00	\$ 86.00	\$ 11,782.00	\$ 111.50	\$ 15,275.50	\$ 120.00	\$ 16,440.00
150	EA	6	Catch Basin Type 1	\$1,350.00	\$ 8,100.00	\$1,500.00	\$ 9,000.00	\$1,500.00	\$ 9,000.00	\$ 1,225.00	\$ 7,350.00	\$ 1,680.00	\$ 10,080.00	\$ 1,700.00	\$ 10,200.00
151	EA	9	Catch Basin Type 2, 48 In. Diam.	\$4,500.00	\$ 40,500.00	\$2,800.00	\$ 25,200.00	\$3,200.00	\$ 28,800.00	\$ 2,750.00	\$ 24,750.00	\$ 4,472.00	\$ 40,248.00	\$ 4,000.00	\$ 36,000.00
152	EA	1	Install New Storm Ring and Cover, Adjust to Finished Grade	\$1,500.00	\$ 1,500.00	\$950.00	\$ 950.00	\$750.00	\$ 750.00	\$ 1,050.00	\$ 1,050.00	\$ 1,000.00	\$ 1,000.00	\$ 1,300.00	\$ 1,300.00
153	EA	5	Install New Sewer Ring and Cover, Adjust to Finished Grade	\$1,500.00	\$ 7,500.00	\$950.00	\$ 4,750.00	\$1,000.00	\$ 5,000.00	\$ 1,050.00	\$ 5,250.00	\$ 1,000.00	\$ 5,000.00	\$ 1,300.00	\$ 6,500.00
154	CY	50	Unsuitable Pipe Foundation Excavation, Incl. Haul	\$60.00	\$ 3,000.00	\$50.00									

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160	LS	1	Erosion Control and Water Pollution Prevention	\$15,000.00	\$ 15,000.00	\$15,000.00	\$ 15,000.00	\$3,500.00	\$ 3,500.00	\$ 23,500.00	\$ 23,500.00	\$ 6,500.00	\$ 6,500.00	\$ 16,000.00	\$ 16,000.00
161	SY	440	Biodegradable Erosion Control Blanket	\$3.00	\$ 1,320.00	\$2.00	\$ 880.00	\$4.00	\$ 1,760.00	\$ 3.20	\$ 1,408.00	\$ 2.90	\$ 1,276.00	\$ 5.00	\$ 2,200.00
162	EA	9	Inlet Protection	\$90.00	\$ 810.00	\$50.00	\$ 450.00	\$80.00	\$ 720.00	\$ 55.00	\$ 495.00	\$ 48.25	\$ 434.25	\$ 50.00	\$ 450.00
163	LF	1,000	High Visibility Silt Fence	\$6.50	\$ 6,500.00	\$3.00	\$ 3,000.00	\$4.00	\$ 4,000.00	\$ 4.00	\$ 4,000.00	\$ 4.75	\$ 4,750.00	\$ 4.50	\$ 4,500.00
164	LF	580	Wattle	\$4.00	\$ 2,320.00	\$3.00	\$ 1,740.00	\$5.00	\$ 2,900.00	\$ 2.75	\$ 1,595.00	\$ 6.55	\$ 3,799.00	\$ 4.00	\$ 2,320.00
165	SY	528	Temporary Seeding	\$10.00	\$ 5,280.00	\$1.00	\$ 528.00	\$8.00	\$ 4,224.00	\$ 1.75	\$ 924.00	\$ 1.75	\$ 924.00	\$ 4.00	\$ 2,112.00
166	LS	1	NPDES Construction Stormwater General Permit	\$5,000.00	\$ 5,000.00	\$3,000.00	\$ 3,000.00	\$5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 525.00	\$ 525.00	\$ 1,000.00	\$ 1,000.00
167	SY	888	Seeded Lawn Installation	\$10.00	\$ 8,880.00	\$2.00	\$ 1,776.00	\$6.00	\$ 5,328.00	\$ 2.00	\$ 1,776.00	\$ 3.15	\$ 2,797.20	\$ 4.00	\$ 3,552.00
168	CY	112	Topsoil Type A	\$52.00	\$ 5,824.00	\$50.00	\$ 5,600.00	\$75.00	\$ 8,400.00	\$ 65.00	\$ 7,280.00	\$ 68.25	\$ 7,644.00	\$ 60.00	\$ 6,720.00
169	CY	29	Bark or Wood Chip Mulch	\$50.00	\$ 1,450.00	\$60.00	\$ 1,740.00	\$90.00	\$ 2,610.00	\$ 65.00	\$ 1,885.00	\$ 89.25	\$ 2,588.25	\$ 80.00	\$ 2,320.00
170	LF	937	Cement Conc. Traffic Curb and Gutter	\$38.00	\$ 35,606.00	\$40.00	\$ 37,480.00	\$33.50	\$ 31,389.50	\$ 31.00	\$ 29,047.00	\$ 34.90	\$ 32,701.30	\$ 29.00	\$ 27,173.00
171	LF	422	Cement Conc. Border	\$120.00	\$ 50,640.00	\$80.00	\$ 33,760.00	\$160.00	\$ 67,520.00	\$ 75.00	\$ 31,650.00	\$ 57.75	\$ 24,370.50	\$ 85.00	\$ 35,870.00
172	LF	105	Cement Conc. Band	\$180.00	\$ 18,900.00	\$110.00	\$ 11,550.00	\$175.00	\$ 18,375.00	\$ 134.00	\$ 14,070.00	\$ 109.25	\$ 11,471.25	\$ 110.00	\$ 11,550.00
173	FA	1	Resolution of Utility Conflicts	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
174	SY	130	Commercial Cement Conc. Driveway Entrance, 3-Day Mix	\$110.00	\$ 14,300.00	\$130.00	\$ 16,900.00	\$76.00	\$ 9,880.00	\$ 112.00	\$ 14,560.00	\$ 107.10	\$ 13,923.00	\$ 65.00	\$ 8,450.00
175	HUND	1.30	Type 1 Raised Pavement Markers	\$500.00	\$ 650.00	\$650.00	\$ 845.00	\$650.00	\$ 845.00	\$ 670.00	\$ 871.00	\$ 630.00	\$ 819.00	\$ 1,000.00	\$ 1,300.00
176	HUND	1	Type 2 Raised Pavement Markers	\$500.00	\$ 500.00	\$800.00	\$ 800.00	\$800.00	\$ 800.00	\$ 835.00	\$ 835.00	\$ 787.50	\$ 787.50	\$ 800.00	\$ 800.00
177	HUND	0.05	Type 3 Raised Pavement Markers, 8 In.	\$500.00	\$ 25.00	\$5,250.00	\$ 262.50	\$2,650.00	\$ 132.50	\$ 5,850.00	\$ 292.50	\$ 5,512.50	\$ 275.63	\$ 6,000.00	\$ 300.00
178	LF	422	Chain Link Fence Type 6 on Conc. Border	\$55.00	\$ 23,210.00	\$40.00	\$ 16,880.00	\$40.00	\$ 16,880.00	\$ 41.00	\$ 17,302.00	\$ 47.25	\$ 19,939.50	\$ 40.00	\$ 16,880.00
179	LF	55	Chain Link Fence Type 6 on Thickened Edge	\$55.00	\$ 3,025.00	\$40.00	\$ 2,200.00	\$40.00	\$ 2,200.00	\$ 41.00	\$ 2,255.00	\$ 47.25	\$ 2,598.75	\$ 40.00	\$ 2,200.00
180	LF	130	Steel Cable Fence, 48-In. Height	\$40.00	\$ 5,200.00	\$32.00	\$ 4,160.00	\$30.00	\$ 3,900.00	\$ 31.00	\$ 4,030.00	\$ 131.25	\$ 17,062.50	\$ 30.00	\$ 3,900.00
181	EA	1	Monument Case and Cover	\$1,800.00	\$ 1,800.00	\$1,500.00	\$ 1,500.00	\$700.00	\$ 700.00	\$ 1,000.00	\$ 1,000.00	\$ 350.00	\$ 350.00	\$ 1,000.00	\$ 1,000.00
182	SY	283	Cement Conc. Sidewalk	\$60.00	\$ 16,980.00	\$70.00	\$ 19,810.00	\$52.00	\$ 14,716.00	\$ 61.00	\$ 17,263.00	\$ 70.35	\$ 19,909.05	\$ 36.00	\$ 10,188.00
183	SY	598	Pervious Cement Conc. Sidewalk	\$75.00	\$ 44,850.00	\$83.00	\$ 49,634.00	\$60.00	\$ 35,880.00	\$ 72.50	\$ 43,355.00	\$ 80.85	\$ 48,348.30	\$ 50.00	\$ 29,900.00
184	LF	160	Pervious Cement Conc. Thickened Edge	\$50.00	\$ 8,000.00	\$45.00	\$ 7,200.00	\$60.00	\$ 9,600.00	\$ 35.00	\$ 5,600.00	\$ 44.35	\$ 7,096.00	\$ 53.00	\$ 8,480.00
185	LF	55	Cement Conc. Thickened Edge	\$50.00	\$ 2,750.00	\$45.00	\$ 2,475.00	\$12.00	\$ 660.00	\$ 44.00	\$ 2,420.00	\$ 35.95	\$ 1,977.25	\$ 50.00	\$ 2,750.00
186	SY	55	HMA Curb Ramp	\$150.00	\$ 8,250.00	\$80.00	\$ 4,400.00	\$50.00	\$ 2,750.00	\$ 106.00	\$ 5,830.00	\$ 78.75	\$ 4,331.25	\$ 45.00	\$ 2,475.00
187	SY	81	HMA Sidewalk	\$80.00	\$ 6,480.00	\$80.00	\$ 6,480.00	\$50.00	\$ 4,050.00	\$ 95.00	\$ 7,695.00	\$ 78.75	\$ 6,378.75	\$ 45.00	\$ 3,645.00
188	LS	1	Illumination System, Complete	\$195,000.00	\$ 195,000.00	\$141,000.00	\$ 141,000.00	\$130,000.00	\$ 130,000.00	\$ 150,000.00	\$ 150,000.00	\$ 128,150.00	\$ 128,150.00	\$ 145,000.00	\$ 145,000.00
189	LS	1	Permanent Signing	\$3,500.00	\$ 3,500.00	\$1,750.00	\$ 1,750.00	\$1,575.00	\$ 1,575.00	\$ 2,000.00	\$ 2,000.00	\$ 1,625.00	\$ 1,625.00	\$ 2,000.00	\$ 2,000.00
190	LF	3,625	Plastic Line	\$5.00	\$ 18,125.00	\$1.80	\$ 6,525.00	\$1.75	\$ 6,343.75	\$ 1.80	\$ 6,525.00	\$ 1.65	\$ 5,981.25	\$ 1.60	\$ 5,800.00
191	LF	160	Plastic Wide Lane Line	\$10.00	\$ 1,600.00	\$4.50	\$ 720.00	\$4.50	\$ 720.00	\$ 4.50	\$ 720.00	\$ 4.20	\$ 672.00	\$ 5.00	\$ 800.00
192	EA	6	Plastic Traffic Arrow	\$300.00	\$ 1,800.00	\$190.00	\$ 1,140.00	\$175.00	\$ 1,050.00	\$ 185.00	\$ 1,110.00	\$ 173.25	\$ 1,039.50	\$ 175.00	\$ 1,050.00
193	EA	8	Plastic Traffic Letter	\$300.00	\$ 2,400.00	\$90.00	\$ 720.00	\$82.00	\$ 656.00	\$ 85.00	\$ 680.00	\$ 78.75	\$ 630.00	\$ 100.00	\$ 800.00
194	LF	30	Plastic Stop Line	\$14.00	\$ 420.00	\$7.00	\$ 210.00	\$7.00	\$ 210.00	\$ 7.20	\$ 216.00	\$ 6.85	\$ 205.50	\$ 10.00	\$ 300.00
195	LF	850	Paint Line	\$1.00	\$ 850.00	\$2.00	\$ 1,700.00	\$2.00	\$ 1,700.00	\$ 2.00	\$ 1,700.00	\$ 1.90	\$ 1,615.00	\$ 2.00	\$ 1,700.00
196	CY	639	Gabion Cribbing – Twisted or Welded Steel Wire Basket	\$55.00	\$ 35,145.00	\$65.00	\$ 41,535.00	\$185.00	\$ 118,215.00	\$ 180.00	\$ 115,020.00	\$ 60.65	\$ 38,755.35	\$ 145.00	\$ 92,655.00
197	CY	120	Decorative Gabion Cribbing – Welded Steel Wire Mesh Basket	\$65.00	\$ 7,800.00	\$65.00	\$ 7,800.00	\$305.00	\$ 36,600.00	\$ 338.00	\$ 40,560.00	\$ 75.00	\$ 9,000.00	\$ 350.00	\$ 42,000.00
198	TN	1,309	Gabion Rock Backfill	\$65.00	\$ 85,085.00	\$40.00	\$ 52,360.00	\$28.00	\$ 36,652.00	\$ 47.00	\$ 61,523.00	\$ 26.00	\$ 34,034.00	\$ 30.00	\$ 39,270.00
199	TN	245	Decorative Gabion Rock Backfill	\$125.00	\$ 30,625.00	\$40.00	\$ 9,800.00	\$28.00	\$ 6,860.00	\$ 58.50	\$ 14,332.50	\$ 26.00	\$ 6,370.00	\$ 40.00	\$ 9,800.00
200	CY	20	Unsuitable Gabion Foundation Excavation Incl. Haul	\$60.00	\$ 1,200.00	\$50.00	\$ 1,000.00	\$50.00	\$ 1,000.00	\$ 78.00	\$ 1,560.00	\$ 49.00	\$ 980.00	\$ 75.00	\$ 1,500.00
201	EA	3	Water Monitoring Port	\$1,500.00	\$ 4,500.00	\$1,000.00	\$ 3,000.00	\$3,500.00	\$ 10,500.00	\$ 1,375.00	\$ 4,125.00	\$ 1,145.00	\$ 3,435.00	\$ 1,500.00	\$ 4,500.00
Schedule A Subtotal =					\$ 2,787,469.50		\$ 2,030,514.50		\$ 2,171,926.25		\$ 2,236,488.00		\$ 2,182,836.78		\$ 2,290,752.00
SCHEDULE B: SANITARY SEWER IMPROVEMENTS															
300	LS	1	Shoring or Extra Excavation Class B - Water/Sewer	\$6,500.00	\$ 6,500.00	\$1,500.00	\$ 1,500.00	\$1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00	\$630.00	\$ 630.00	\$1,500.00	\$ 1,500.00
301	EA	1	Install New Ring and Cover, Adjust to Grade	\$7,500.00	\$ 7,500.00	\$5,000.00	\$ 5,000.00	\$6,500.00	\$ 6,500.00	\$ 7,750.00	\$ 7,750.00	\$10,685.00	\$ 10,685.00	\$6,500.00	\$ 6,500.00
302	CY	20	Unsuitable Pipe Foundation Excavation Incl. Haul - Water/Sewer	\$60.00	\$ 1,200.00	\$50.00	\$ 1,000.00	\$50.00	\$ 1,000.00	\$ 85.00	\$ 1,700.00	\$100.00	\$ 2,000.00	\$75.00	\$ 1,500.00
303	LF	165	CL 52 Ductile Iron Pipe for Water Main 8 In. Diam.	\$160.00	\$ 26,400.00	\$100.00	\$ 16,500.00	\$65.00	\$ 10,725.00	\$ 66.00	\$ 10,890.00	\$125.00	\$ 20,625.00	\$130.00	\$ 21,450.00
Schedule B Subtotal =					\$ 41,600.00		\$ 24,000.00		\$ 19,725.00		\$ 20,840.00		\$ 33,940.00		\$ 30,950.00
WSST @ 9.9%					\$ 4,118.40		\$ 2,376.00		\$ 1,952.78		\$ 2,063.16		\$ 3,360.06		\$ 3,064.05
Schedule B Subtotal =					\$ 45,718.40		\$ 26,376.00		\$ 21,677.78		\$ 22,903.16		\$ 37,300.06		\$ 34,014.05
Total Bid Base Bid (Schedule A + B) =					\$ 2,833,187.90		\$ 2,056,890.50		\$ 2,193,604.03		\$ 2,259,391.16		\$ 2,220,136.84		\$ 2,324,766.05
ADDITIVE 1 SCHEDULE C: 4B WALL CONSTRUCTION															
400	SY	112	Asphalt Conc. Pavement Removal	\$12.00	\$ 1,344.00	\$6.00	\$ 672.00	\$5.00	\$ 560.00	\$6.00	\$ 672.00	\$ 20.55	\$ 2,301.60	\$ 8.00	\$ 896.00
401	EA	2	Potholing	\$750.00	\$ 1,500.00	\$500.00	\$ 1,000.00	\$300.00	\$ 600.00	\$360.00	\$ 720.00	\$ 535.00	\$ 1,070.00	\$ 800.00	\$ 1,600.00
402	LS	1	Shoring or Extra Excavation Class B	\$2,500.00	\$ 2,500.00	\$1.00	\$ 1.00	\$1,000.00	\$ 1,000.00	\$500.00	\$ 500.00	\$ 630.00	\$ 630.00	\$ 10,000.00	\$ 10,000.00
403	SY	311	Construction Geotextile for Soil Stabilization	\$3.50	\$ 1,088.50	\$5.00	\$ 1,555.00	\$1.50	\$ 466.50	\$3.00	\$ 933.00	\$ 4.45	\$ 1,383.95	\$ 8.00	\$ 2,488.00
404	SY	102	Geomembrane Liner	\$20.00	\$ 2,040.00	\$10.00	\$ 1,020.00	\$7.50	\$ 765.00	\$8.50	\$ 867.00	\$ 17.00	\$ 1,734.00	\$ 10.00	\$ 1,020.00
405	TN	5	Crushed Surfacing Top Course	\$100.00	\$ 500.00	\$33.00	\$ 165.00	\$80.00	\$ 400.00	\$39.00	\$ 195.00	\$ 182.50	\$ 912.50	\$ 100.00	\$ 500.00
406	TN	20	Crushed Surfacing Base Course	\$80.00	\$ 1,600.00	\$25.00	\$ 500.00	\$80.00	\$ 1,600.00	\$32.00	\$ 640.00	\$ 83.00	\$ 1,660.00	\$ 80.00	\$ 1,600.00
407	TN	28	Permeable Ballast Incl. Haul	\$50.00	\$ 1,400.00	\$31.00	\$ 868.00	\$50.00	\$ 1,400.00	\$53.00	\$ 1,484.00	\$ 65.65	\$ 1,838.20	\$ 100.00	\$ 2,800.00
408	TN	35	HMA Cl. 1/2 In. CL. 1/2 In. PG 58H-22	\$200.00	\$ 7,000.00	\$200.00	\$ 7,000.00	\$178.00	\$ 6,230.00	\$223.00	\$ 7,805.00	\$ 210.00	\$ 7,350.00	\$ 200.00	\$ 7,000.00

CITY OF PUYALLUP

BID TAB

WSU LID Frontage Improvements, Phase 4a (#16-013)

December 1, 2020

409	SF	3,450	Soil Nail Wall System	\$56.00	\$ 193,200.00	\$35.00	\$ 120,750.00	\$24.00	\$ 82,800.00	\$23.50	\$ 81,075.00	\$ 23.65	\$ 81,592.50	\$ 28.00	\$ 96,600.00
410	EA	168	Soil Nail (Up to 12 Ft.)	\$325.00	\$ 54,600.00	\$1,000.00	\$ 168,000.00	\$945.00	\$ 158,760.00	\$510.00	\$ 85,680.00	\$ 945.00	\$ 158,760.00	\$ 1,000.00	\$ 168,000.00
411	LF	50	Soil Nail Additional Length	\$20.00	\$ 1,000.00	\$100.00	\$ 5,000.00	\$80.00	\$ 4,000.00	\$25.00	\$ 1,250.00	\$ 78.75	\$ 3,937.50	\$ 75.00	\$ 3,750.00
412	LF	130	Ductile Iron Pipe for Water Main 6 In. Diam.	\$125.00	\$ 16,250.00	\$80.00	\$ 10,400.00	\$140.00	\$ 18,200.00	\$99.00	\$ 12,870.00	\$ 129.00	\$ 16,770.00	\$ 200.00	\$ 26,000.00
413	EA	1	Gate Valve 6 In.	\$1,650.00	\$ 1,650.00	\$1,200.00	\$ 1,200.00	\$1,650.00	\$ 1,650.00	\$1,375.00	\$ 1,375.00	\$ 1,330.00	\$ 1,330.00	\$ 1,500.00	\$ 1,500.00
414	SY	20	Seeded Lawn Installation	\$10.00	\$ 200.00	\$10.00	\$ 200.00	\$100.00	\$ 2,000.00	\$2.00	\$ 40.00	\$ 5.25	\$ 105.00	\$ 20.00	\$ 400.00
415	CY	42	Topsoil Type A	\$52.00	\$ 2,184.00	\$60.00	\$ 2,520.00	\$75.00	\$ 3,150.00	\$79.00	\$ 3,318.00	\$ 68.25	\$ 2,866.50	\$ 60.00	\$ 2,520.00
416	CY	3	Bark or Wood Chip Mulch	\$85.00	\$ 255.00	\$100.00	\$ 300.00	\$90.00	\$ 270.00	\$107.00	\$ 321.00	\$ 89.25	\$ 267.75	\$ 100.00	\$ 300.00
417	LF	277	Steel Cable Fence, 48-In. Height	\$40.00	\$ 11,080.00	\$32.00	\$ 8,864.00	\$30.00	\$ 8,310.00	\$31.00	\$ 8,587.00	\$ 131.25	\$ 36,356.25	\$ 30.00	\$ 8,310.00
418	LF	496	Blank Conduit Pipe 4 In. Diam.	\$15.00	\$ 7,440.00	\$32.00	\$ 15,872.00	\$32.00	\$ 15,872.00	\$15.00	\$ 7,440.00	\$ 41.00	\$ 20,336.00	\$ 14.00	\$ 6,944.00
419	CY	229	Decorative Gabion Cribbing – Welded Steel Wire Mesh Basket	\$65.00	\$ 14,885.00	\$65.00	\$ 14,885.00	\$185.00	\$ 42,365.00	\$338.00	\$ 77,402.00	\$ 77.25	\$ 17,690.25	\$ 110.00	\$ 25,190.00
420	TN	470	Decorative Gabion Rock Backfill	\$120.00	\$ 56,400.00	\$40.00	\$ 18,800.00	\$28.00	\$ 13,160.00	\$58.50	\$ 27,495.00	\$ 26.00	\$ 12,220.00	\$ 40.00	\$ 18,800.00
Additive 1 Schedule C Subtotal =					\$ 378,116.50		\$ 379,572.00		\$ 363,558.50		\$ 320,669.00		\$ 371,112.00		\$ 386,218.00
Preference 1: Base Bid + Additive 1 (Schedule A + B + C) =					\$ 3,211,304.40		\$ 2,436,462.50		\$ 2,557,162.53		\$ 2,580,060.16		\$ 2,591,248.84		\$ 2,710,984.05
Preference 2: Base Bid (Schedule A +B) =					\$ 2,833,187.90		\$ 2,056,890.50		\$ 2,193,604.03		\$ 2,259,391.16		\$ 2,220,136.84		\$ 2,324,766.05

ITEM	UNIT	EST QTY	DESCRIPTION	ENGINEER'S ESTIMATE		OLSON BROTHERS EXCAVATING		RAZZ CONSTRUCTION		ACTIVE CONSTRUCTION		MACRO-Z-TECHNOLOGY		ROAD CONSTRUCTION NORTHWEST	
				UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
WSU LID Frontage Improvements, Phase 4a															
SCHEDULE A: ROADWAY & STORM IMPROVEMENTS															
100	EQ. ADJ.	1	Minor Change	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00
101	LS	1	Structure Surveying	\$5,000.00	\$ 5,000.00	\$2,800.00	\$ 2,800.00	\$3,700.00	\$ 3,700.00	\$3,750.00	\$ 3,750.00	\$4,000.00	\$ 4,000.00	\$ 5,500.00	\$ 5,500.00
102	LS	1	Roadway Surveying	\$7,500.00	\$ 7,500.00	\$18,400.00	\$ 18,400.00	\$24,000.00	\$ 24,000.00	\$17,500.00	\$ 17,500.00	\$26,000.00	\$ 26,000.00	\$ 24,000.00	\$ 24,000.00
103	LS	1	Record Drawings (Minimum Bid \$1,000)	\$1,000.00	\$ 1,000.00	\$1,000.00	\$ 1,000.00	\$1,000.00	\$ 1,000.00	\$1,000.00	\$ 1,000.00	\$1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00
104	LS	1	SPCC Plan	\$1,500.00	\$ 1,500.00	\$1,400.00	\$ 1,400.00	\$800.00	\$ 800.00	\$100.00	\$ 100.00	\$3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
105	LS	1	Mobilization	\$220,000.00	\$ 220,000.00	\$42,940.00	\$ 42,940.00	\$292,000.00	\$ 292,000.00	\$302,177.19	\$ 302,177.19	\$50,000.00	\$ 50,000.00	\$ 237,400.00	\$ 237,400.00
106	HR	100	Uniformed Police Officer	\$120.00	\$ 12,000.00	\$117.50	\$ 11,750.00	\$115.00	\$ 11,500.00	\$93.00	\$ 9,300.00	\$115.00	\$ 11,500.00	\$ 125.00	\$ 12,500.00
107	LS	1	Project Temporary Traffic Control	\$250,000.00	\$ 250,000.00	\$116,400.00	\$ 116,400.00	\$170,000.00	\$ 170,000.00	\$100,000.00	\$ 100,000.00	\$20,000.00	\$ 20,000.00	\$ 152,000.00	\$ 152,000.00
108	LS	1	Clearing and Grubbing	\$10,000.00	\$ 10,000.00	\$29,140.00	\$ 29,140.00	\$14,000.00	\$ 14,000.00	\$13,500.00	\$ 13,500.00	\$14,000.00	\$ 14,000.00	\$ 10,000.00	\$ 10,000.00
109	LS	1	Removal of Structures and Obstructions	\$15,000.00	\$ 15,000.00	\$60,000.00	\$ 60,000.00	\$22,000.00	\$ 22,000.00	\$10,000.00	\$ 10,000.00	\$20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
110	SY	4,539	Asphalt Conc. Pavement Removal	\$9.00	\$ 40,851.00	\$14.75	\$ 66,950.25	\$8.00	\$ 36,312.00	\$7.50	\$ 34,042.50	\$17.50	\$ 79,432.50	\$ 13.25	\$ 60,141.75
111	EA	2	Adjust Existing Utility to Grade	\$1,200.00	\$ 2,400.00	\$900.00	\$ 1,800.00	\$435.00	\$ 870.00	\$1,000.00	\$ 2,000.00	\$700.00	\$ 1,400.00	\$ 650.00	\$ 1,300.00
112	EA	10	Potholing	\$750.00	\$ 7,500.00	\$1,475.00	\$ 14,750.00	\$925.00	\$ 9,250.00	\$375.00	\$ 3,750.00	\$2,500.00	\$ 25,000.00	\$ 900.00	\$ 9,000.00
113	SY	70	Cement Conc. Sidewalk Removal	\$20.00	\$ 1,400.00	\$23.50	\$ 1,645.00	\$20.00	\$ 1,400.00	\$11.00	\$ 770.00	\$33.00	\$ 2,310.00	\$ 16.50	\$ 1,155.00
114	LF	60	Curb Removal	\$10.00	\$ 600.00	\$17.00	\$ 1,020.00	\$10.00	\$ 600.00	\$8.00	\$ 480.00	\$17.75	\$ 1,065.00	\$ 7.00	\$ 420.00
115	LS	1	Roadway Excavation Incl. Haul	\$120,000.00	\$ 120,000.00	\$79,200.00	\$ 79,200.00	\$82,000.00	\$ 82,000.00	\$100,000.00	\$ 100,000.00	\$108,000.00	\$ 108,000.00	\$ 90,000.00	\$ 90,000.00
116	CY	307	Unsuitable Roadway Foundation Excavation Incl. Haul	\$60.00	\$ 18,420.00	\$79.00	\$ 24,253.00	\$105.00	\$ 32,235.00	\$85.00	\$ 26,095.00	\$54.50	\$ 16,731.50	\$ 135.00	\$ 41,445.00
117	CY	774	Gravel Borrow Incl. Haul	\$45.00	\$ 34,830.00	\$50.00	\$ 38,700.00	\$44.00	\$ 34,056.00	\$40.00	\$ 30,960.00	\$66.50	\$ 51,471.00	\$ 50.00	\$ 38,700.00
118	LS	1	Preload	\$50,000.00	\$ 50,000.00	\$78,500.00	\$ 78,500.00	\$99,000.00	\$ 99,000.00	\$55,000.00	\$ 55,000.00	\$60,000.00	\$ 60,000.00	\$ 45,000.00	\$ 45,000.00
119	CY	88	Unsuitable Preload Foundation Excavation Incl. Haul	\$75.00	\$ 6,600.00	\$57.50	\$ 5,060.00	\$105.00	\$ 9,240.00	\$85.00	\$ 7,480.00	\$190.00	\$ 16,720.00	\$ 145.00	\$ 12,760.00
120	LS	1	Shoring or Extra Excavation Class B	\$7,000.00	\$ 7,000.00	\$3,800.00	\$ 3,800.00	\$10,000.00	\$ 10,000.00	\$500.00	\$ 500.00	\$1,900.00	\$ 1,900.00	\$ 5,000.00	\$ 5,000.00
121	CY	33	Controlled Density Fill	\$220.00	\$ 7,260.00	\$317.00	\$ 10,461.00	\$200.00	\$ 6,600.00	\$217.00	\$ 7,161.00	\$365.00	\$ 12,045.00	\$ 155.00	\$ 5,115.00
122	SY	756	Geomembrane Liner	\$20.00	\$ 15,120.00	\$5.80	\$ 4,384.80	\$2.50	\$ 1,890.00	\$9.25	\$ 6,993.00	\$15.00	\$ 11,340.00	\$ 8.50	\$ 6,426.00
123	SY	4,179	Construction Geotextile for Underground Drainage	\$5.50	\$ 22,984.50	\$4.50	\$ 18,805.50	\$2.50	\$ 10,447.50	\$4.00	\$ 16,716.00	\$8.00	\$ 33,432.00	\$ 5.50	\$ 22,984.50
124	SY	140	Construction Geotextile for Soil Stabilization	\$3.50	\$ 490.00	\$2.25	\$ 315.00	\$3.50	\$ 490.00	\$4.00	\$ 560.00	\$15.00	\$ 2,100.00	\$ 3.50	\$ 490.00
125	TN	107	Crushed Surfacing Top Course	\$50.00	\$ 5,350.00	\$81.00	\$ 8,667.00	\$56.00	\$ 5,992.00	\$60.00	\$ 6,420.00	\$39.00	\$ 4,173.00	\$ 62.00	\$ 6,634.00
126	TN	1,283	Crushed Surfacing Base Course	\$38.00	\$ 48,754.00	\$52.00	\$ 66,716.00	\$34.00	\$ 43,622.00	\$36.00	\$ 46,188.00	\$38.00	\$ 48,754.00	\$ 44.00	\$ 56,452.00
127	TN	2,583	Permeable Ballast Incl. Haul	\$50.00	\$ 129,150.00	\$55.60	\$ 143,614.80	\$39.00	\$ 100,737.00	\$32.50	\$ 83,947.50	\$51.00	\$ 131,733.00	\$ 45.00	\$ 116,235.00
128	TN	1,714	Asphalt Treated Permeable Base, PG 58V-22	\$90.00	\$ 154,260.00	\$104.00	\$ 178,256.00	\$109.00	\$ 186,826.00	\$113.00	\$ 193,682.00	\$116.00	\$ 198,824.00	\$ 104.00	\$ 178,256.00
129	TN	590	PHMA CL. 1/2 In. PG 58V-22	\$120.00	\$ 70,800.00	\$153.00	\$ 90,270.00	\$120.00	\$ 70,800.00	\$124.00	\$ 73,160.00	\$123.00	\$ 72,570.00	\$ 110.00	\$ 64,900.00
130	TN	347	HMA CL. 1/2 In. PG 58H-22	\$140.00	\$ 48,580.00	\$134.65	\$ 46,723.55	\$147.00	\$ 51,009.00	\$137.00	\$ 47,539.00	\$133.00	\$ 46,151.00	\$ 119.00	\$ 41,293.00
131	SY	220	HMA for Pavement Repair CL. 1/2 In. PG 58H-22	\$200.00	\$ 44,000.00	\$42.80	\$ 9,416.00	\$158.00	\$ 34,760.00	\$88.00	\$ 19,360.00	\$70.00	\$ 15,400.00	\$ 63.00	\$ 13,860.00
132	LS	1	Extend Equipment Underpass Precast Bridge	\$190,000.00	\$ 190,000.00	\$96,550.00	\$ 96,550.00	\$115,000.00	\$ 115,000.00	\$60,000.00	\$ 60,000.00	\$245,000.00	\$ 245,000.00	\$ 95,000.00	\$ 95,000.00
133	CY	12	Unsuitable Precast Bridge Foundation Excavation Incl. Haul	\$75.00	\$ 900.00	\$172.50	\$ 2,070.00	\$105.00	\$ 1,260.00	\$ 115.00	\$ 1,380.00	\$65.00	\$ 780.00	\$ 145.00	\$ 1,740.00
134	LF	283	Temporary Precast Conc. Barrier Type 2	\$40.00	\$ 11,320.00	\$25.50	\$ 7,216.50	\$26.00	\$ 7,358.00	\$ 25.00	\$ 7,075.00	\$21.00	\$ 5,943.00	\$ 24.00	\$ 6,792.00
135	LF	266	Precast Conc. Barrier Type Single Slope	\$125.00	\$ 33,250.00	\$126.00	\$ 33,516.00	\$127.00	\$ 33,782.00	\$ 150.00	\$ 39,900.00	\$148.00	\$ 39,368.00	\$ 120.00	\$ 31,920.00
136	EA	2	Precast Conc. Barrier Type Single Slope Terminal	\$5,000.00	\$ 10,000.00	\$3,400.00	\$ 6,800.00	\$3,500.00	\$ 7,000.00	\$ 4,400.00	\$ 8,800.00	\$1,800.00	\$ 3,600.00	\$ 3,300.00	\$ 6,600.00
137	EA	2	Cast-In-Place Single Slope Low Speed Concrete Barrier Terminal	\$20,000.00	\$ 40,000.00	\$2,000.00	\$ 4,000.00	\$5,500.00	\$ 11,000.00	\$ 10,000.00	\$ 20,000.00	\$8,500.00	\$ 17,000.00	\$ 10,000.00	\$ 20,000.00
138	SF	1,715	Soil Nail Wall System	\$56.00	\$ 96,040.00	\$30.10	\$ 51,621.50	\$26.00	\$ 44,590.00	\$ 70.00	\$ 120,050.00	\$58.00	\$ 99,470.00	\$ 57.00	\$ 97,755.00
139	EA	92	Soil Nail (Up to 12 Ft.)	\$325.00	\$ 29,900.00	\$1,204.25	\$ 110,791.00	\$1,000.00	\$ 92,000.00	\$ 1,000.00	\$ 92,000.00	\$900.00	\$ 82,800.00	\$ 97	

CITY OF PUYALLUP

BID TAB

WSU LID Frontage Improvements, Phase 4a (#16-013)

December 1, 2020

142	LF	98	Underdrain Pipe 6 In. Diam.	\$100.00	\$ 9,800.00	\$50.00	\$ 4,900.00	\$23.00	\$ 2,254.00	\$ 33.00	\$ 3,234.00	\$125.00	\$ 12,250.00	\$ 30.00	\$ 2,940.00
143	EA	3	Slotted Underdrain for Sampling, Complete	\$6,500.00	\$ 19,500.00	\$1,329.00	\$ 3,987.00	\$3,000.00	\$ 9,000.00	\$ 1,200.00	\$ 3,600.00	\$2,850.00	\$ 8,550.00	\$ 1,925.00	\$ 5,775.00
144	EA	3	Shallow Underdrain for Sampling, Complete	\$5,500.00	\$ 16,500.00	\$1,329.00	\$ 3,987.00	\$1,925.00	\$ 5,775.00	\$ 1,200.00	\$ 3,600.00	\$2,500.00	\$ 7,500.00	\$ 1,425.00	\$ 4,275.00
145	LF	30	Corrugated Polyethylene Storm Sewer Pipe 4 In. Diam.	\$160.00	\$ 4,800.00	\$22.00	\$ 660.00	\$70.00	\$ 2,100.00	\$ 14.50	\$ 435.00	\$55.00	\$ 1,650.00	\$ 55.00	\$ 1,650.00
146	LF	30	Corrugated Polyethylene Storm Sewer Pipe 8 In. Diam.	\$200.00	\$ 6,000.00	\$32.00	\$ 960.00	\$75.00	\$ 2,250.00	\$ 33.00	\$ 990.00	\$65.00	\$ 1,950.00	\$ 65.00	\$ 1,950.00
147	LF	33	Solid Wall PVC Storm Sewer Pipe 6 In. Diam.	\$200.00	\$ 6,600.00	\$27.00	\$ 891.00	\$76.00	\$ 2,508.00	\$ 28.50	\$ 940.50	\$61.00	\$ 2,013.00	\$ 64.00	\$ 2,112.00
148	LF	690	Solid Wall PVC Storm Sewer Pipe 12 In. Diam.	\$95.00	\$ 65,550.00	\$85.00	\$ 58,650.00	\$80.00	\$ 55,200.00	\$ 70.00	\$ 48,300.00	\$70.00	\$ 48,300.00	\$ 73.00	\$ 50,370.00
149	LF	137	Ductile Iron Storm Sewer Pipe 12 In. Diam.	\$180.00	\$ 24,660.00	\$116.25	\$ 15,926.25	\$117.00	\$ 16,029.00	\$ 117.00	\$ 16,029.00	\$100.00	\$ 13,700.00	\$ 104.00	\$ 14,248.00
150	EA	6	Catch Basin Type 1	\$1,350.00	\$ 8,100.00	\$1,870.00	\$ 11,220.00	\$2,900.00	\$ 17,400.00	\$ 1,350.00	\$ 8,100.00	\$1,500.00	\$ 9,000.00	\$ 1,650.00	\$ 9,900.00
151	EA	9	Catch Basin Type 2, 48 In. Diam.	\$4,500.00	\$ 40,500.00	\$4,100.00	\$ 36,900.00	\$4,850.00	\$ 43,650.00	\$ 3,200.00	\$ 28,800.00	\$3,500.00	\$ 31,500.00	\$ 5,000.00	\$ 45,000.00
152	EA	1	Install New Storm Ring and Cover, Adjust to Finished Grade	\$1,500.00	\$ 1,500.00	\$1,324.00	\$ 1,324.00	\$1,100.00	\$ 1,100.00	\$ 850.00	\$ 850.00	\$2,200.00	\$ 2,200.00	\$ 1,100.00	\$ 1,100.00
153	EA	5	Install New Sewer Ring and Cover, Adjust to Finished Grade	\$1,500.00	\$ 7,500.00	\$1,323.00	\$ 6,615.00	\$1,100.00	\$ 5,500.00	\$ 850.00	\$ 4,250.00	\$2,200.00	\$ 11,000.00	\$ 1,100.00	\$ 5,500.00
154	CY	50	Unsuitable Pipe Foundation Excavation, Incl. Haul	\$60.00	\$ 3,000.00	\$94.50	\$ 4,725.00	\$105.00	\$ 5,250.00	\$ 125.00	\$ 6,250.00	\$65.00	\$ 3,250.00	\$ 145.00	\$ 7,250.00
155	EA	9	Trench Dam	\$1,200.00	\$ 10,800.00	\$3,522.00	\$ 31,698.00	\$1,250.00	\$ 11,250.00	\$ 1,500.00	\$ 13,500.00	\$300.00	\$ 2,700.00	\$ 600.00	\$ 5,400.00
156	LF	68	Ductile Iron Pipe for Water Main 6 In. Diam.	\$125.00	\$ 8,500.00	\$76.00	\$ 5,168.00	\$135.00	\$ 9,180.00	\$ 105.00	\$ 7,140.00	\$160.00	\$ 10,880.00	\$ 143.00	\$ 9,724.00
157	EA	1	Gate Valve 6 In.	\$1,650.00	\$ 1,650.00	\$2,000.00	\$ 2,000.00	\$1,500.00	\$ 1,500.00	\$ 1,400.00	\$ 1,400.00	\$1,750.00	\$ 1,750.00	\$ 1,050.00	\$ 1,050.00
158	EA	2	Install New Non-Locking Water Valve Box, Adjust to Finished Grade	\$600.00	\$ 1,200.00	\$700.00	\$ 1,400.00	\$520.00	\$ 1,040.00	\$ 700.00	\$ 1,400.00	\$600.00	\$ 1,200.00	\$ 700.00	\$ 1,400.00
159	EA	1	Install New Locking Water Valve Box, Adjust to Finished Grade	\$850.00	\$ 850.00	\$750.00	\$ 750.00	\$550.00	\$ 550.00	\$ 700.00	\$ 700.00	\$650.00	\$ 650.00	\$ 725.00	\$ 725.00
160	LS	1	Erosion Control and Water Pollution Prevention	\$15,000.00	\$ 15,000.00	\$5,500.00	\$ 5,500.00	\$35,000.00	\$ 35,000.00	\$ 20,000.00	\$ 20,000.00	\$4,000.00	\$ 4,000.00	\$ 25,000.00	\$ 25,000.00
161	SY	440	Biodegradable Erosion Control Blanket	\$3.00	\$ 1,320.00	\$3.45	\$ 1,518.00	\$7.50	\$ 3,300.00	\$ 5.00	\$ 2,200.00	\$7.75	\$ 3,410.00	\$ 3.50	\$ 1,540.00
162	EA	9	Inlet Protection	\$90.00	\$ 810.00	\$190.00	\$ 1,710.00	\$125.00	\$ 1,125.00	\$ 115.00	\$ 1,035.00	\$130.00	\$ 1,170.00	\$ 90.00	\$ 810.00
163	LF	1,000	High Visibility Silt Fence	\$6.50	\$ 6,500.00	\$4.64	\$ 4,640.00	\$6.00	\$ 6,000.00	\$ 5.00	\$ 5,000.00	\$4.80	\$ 4,800.00	\$ 3.50	\$ 3,500.00
164	LF	580	Wattle	\$4.00	\$ 2,320.00	\$5.90	\$ 3,422.00	\$4.00	\$ 2,320.00	\$ 3.50	\$ 2,030.00	\$6.00	\$ 3,480.00	\$ 4.50	\$ 2,610.00
165	SY	528	Temporary Seeding	\$10.00	\$ 5,280.00	\$4.25	\$ 2,244.00	\$2.00	\$ 1,056.00	\$ 1.25	\$ 660.00	\$3.65	\$ 1,927.20	\$ 1.60	\$ 844.80
166	LS	1	NPDES Construction Stormwater General Permit	\$5,000.00	\$ 5,000.00	\$9,900.00	\$ 9,900.00	\$9,300.00	\$ 9,300.00	\$ 100.00	\$ 100.00	\$7,500.00	\$ 7,500.00	\$ 2,500.00	\$ 2,500.00
167	SY	888	Seeded Lawn Installation	\$10.00	\$ 8,880.00	\$4.15	\$ 3,685.20	\$3.50	\$ 3,108.00	\$ 3.50	\$ 3,108.00	\$3.65	\$ 3,241.20	\$ 2.25	\$ 1,998.00
168	CY	112	Topsoil Type A	\$52.00	\$ 5,824.00	\$88.35	\$ 9,895.20	\$78.00	\$ 8,736.00	\$ 77.00	\$ 8,624.00	\$78.00	\$ 8,736.00	\$ 60.00	\$ 6,720.00
169	CY	29	Bark or Wood Chip Mulch	\$50.00	\$ 1,450.00	\$109.70	\$ 3,181.30	\$97.00	\$ 2,813.00	\$ 95.00	\$ 2,755.00	\$97.00	\$ 2,813.00	\$ 70.00	\$ 2,030.00
170	LF	937	Cement Conc. Traffic Curb and Gutter	\$38.00	\$ 35,606.00	\$25.70	\$ 24,080.90	\$27.00	\$ 25,299.00	\$ 31.00	\$ 29,047.00	\$31.00	\$ 29,047.00	\$ 31.50	\$ 29,515.50
171	LF	422	Cement Conc. Border	\$120.00	\$ 50,640.00	\$145.00	\$ 61,190.00	\$62.00	\$ 26,164.00	\$ 70.00	\$ 29,540.00	\$290.00	\$ 122,380.00	\$ 60.00	\$ 25,320.00
172	LF	105	Cement Conc. Band	\$180.00	\$ 18,900.00	\$190.00	\$ 19,950.00	\$118.00	\$ 12,390.00	\$ 127.00	\$ 13,335.00	\$290.00	\$ 30,450.00	\$ 112.00	\$ 11,760.00
173	FA	1	Resolution of Utility Conflicts	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
174	SY	130	Commercial Cement Conc. Driveway Entrance, 3-Day Mix	\$110.00	\$ 14,300.00	\$54.70	\$ 7,111.00	\$91.00	\$ 11,830.00	\$ 108.00	\$ 14,040.00	\$97.00	\$ 12,610.00	\$ 87.00	\$ 11,310.00
175	HUND	1.30	Type 1 Raised Pavement Markers	\$500.00	\$ 650.00	\$500.00	\$ 650.00	\$680.00	\$ 884.00	\$ 670.00	\$ 871.00	\$700.00	\$ 910.00	\$ 480.00	\$ 624.00
176	HUND	1	Type 2 Rasied Pavement Markers	\$500.00	\$ 500.00	\$500.00	\$ 500.00	\$850.00	\$ 850.00	\$ 670.00	\$ 670.00	\$875.00	\$ 875.00	\$ 480.00	\$ 480.00
177	HUND	0.05	Type 3 Raised Pavemen Markers, 8 In.	\$500.00	\$ 25.00	\$500.00	\$ 25.00	\$6,000.00	\$ 300.00	\$ 3,300.00	\$ 165.00	\$6,140.00	\$ 307.00	\$ 480.00	\$ 24.00
178	LF	422	Chain Link Fence Type 6 on Conc. Border	\$55.00	\$ 23,210.00	\$22.40	\$ 9,452.80	\$67.00	\$ 28,274.00	\$ 41.00	\$ 17,302.00	\$72.00	\$ 30,384.00	\$ 40.00	\$ 16,880.00
179	LF	55	Chain Link Fence Type 6 on Thickened Edge	\$55.00	\$ 3,025.00	\$22.40	\$ 1,232.00	\$67.00	\$ 3,685.00	\$ 41.00	\$ 2,255.00	\$72.00	\$ 3,960.00	\$ 40.00	\$ 2,200.00
180	LF	130	Steel Cable Fence, 48-in. Height	\$40.00	\$ 5,200.00	\$22.40	\$ 2,912.00	\$125.00	\$ 16,250.00	\$ 31.00	\$ 4,030.00	\$133.00	\$ 17,290.00	\$ 30.00	\$ 3,900.00
181	EA	1	Monument Case and Cover	\$1,800.00	\$ 1,800.00	\$1,675.00	\$ 1,675.00	\$1,300.00	\$ 1,300.00	\$ 1,000.00	\$ 1,000.00	\$375.00	\$ 375.00	\$ 2,625.00	\$ 2,625.00
182	SY	283	Cement Conc. Sidewalk	\$60.00	\$ 16,980.00	\$44.60	\$ 12,621.80	\$51.00	\$ 14,433.00	\$ 57.00	\$ 16,131.00	\$95.00	\$ 26,885.00	\$ 48.75	\$ 13,796.25
183	SY	598	Pervious Cement Conc. Sidewalk	\$75.00	\$ 44,850.00	\$61.40	\$ 36,717.20	\$62.00	\$ 37,076.00	\$ 53.00	\$ 31,694.00	\$138.00	\$ 82,524.00	\$ 59.75	\$ 35,730.50
184	LF	160	Pervious Cement Conc. Thickened Edge	\$50.00	\$ 8,000.00	\$145.00	\$ 23,200.00	\$28.00	\$ 4,480.00	\$ 45.00	\$ 7,200.00	\$86.00	\$ 13,760.00	\$ 27.00	\$ 4,320.00
185	LF	55	Cement Conc. Thickened Edge	\$50.00	\$ 2,750.00	\$111.00	\$ 6,105.00	\$40.00	\$ 2,200.00	\$ 110.00	\$ 6,050.00	\$82.00	\$ 4,510.00	\$ 36.00	\$ 1,980.00
186	SY	55	HMA Curb Ramp	\$150.00	\$ 8,250.00	\$91.80	\$ 5,049.00	\$33.98	\$ 1,868.90	\$ 84.00	\$ 4,620.00	\$79.00	\$ 4,345.00	\$ 70.40	\$ 3,872.00
187	SY	81	HMA Sidewalk	\$80.00	\$ 6,480.00	\$91.80	\$ 7,435.80	\$33.98	\$ 2,752.38	\$ 95.00	\$ 7,695.00	\$79.00	\$ 6,399.00	\$ 70.40	\$ 5,702.40
188	LS	1	Illumination System, Complete	\$195,000.00	\$ 195,000.00	\$158,300.00	\$ 158,300.00	\$138,000.00	\$ 138,000.00	\$ 100,000.00	\$ 100,000.00	\$145,000.00	\$ 145,000.00	\$ 141,000.00	\$ 141,000.00
189	LS	1	Permanent Signing	\$3,500.00	\$ 3,500.00	\$6,250.00	\$ 6,250.00	\$2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$4,500.00	\$ 4,500.00	\$ 2,000.00	\$ 2,000.00
190	LF	3,625	Plastic Line	\$5.00	\$ 18,125.00	\$1.10	\$ 3,987.50	\$1.80	\$ 6,525.00	\$ 2.50	\$ 9,062.50	\$1.86	\$ 6,742.50	\$ 1.00	\$ 3,625.00
191	LF	160	Plastic Wide Lane Line	\$10.00	\$ 1,600.00	\$2.25	\$ 360.00	\$4.50	\$ 720.00	\$ 5.00	\$ 800.00	\$4.66	\$ 745.60	\$ 2.00	\$ 320.00
192	EA	6	Plastic Traffic Arrow	\$300.00	\$ 1,800.00	\$100.50	\$ 603.00	\$185.00	\$ 1,110.00	\$ 200.00	\$ 1,200.00	\$192.00	\$ 1,152.00	\$ 100.00	\$ 600.00
193	EA	8	Plastic Traffic Letter	\$300.00	\$ 2,400.00	\$110.50	\$ 884.00	\$85.00	\$ 680.00	\$ 110.00	\$ 880.00	\$88.00	\$ 704.00	\$ 107.00	\$ 856.00
194	LF	30	Plastic Stop Line	\$14.00	\$ 420.00	\$13.40	\$ 402.00	\$7.50	\$ 225.00	\$ 22.00	\$ 660.00	\$7.60	\$ 228.00	\$ 13.00	\$ 390.00
195	LF	850	Paint Line	\$1.00	\$ 850.00	\$2.25	\$ 1,912.50	\$2.00	\$ 1,700.00	\$ 2.00	\$ 1,700.00	\$2.10	\$ 1,785.00	\$ 2.20	\$ 1,870.00
196	CY	639	Gabion Cribbing – Twisted or Welded Steel Wire Basket	\$55.00	\$ 35,145.00	\$84.80	\$ 54,187.20	\$58.00	\$ 37,062.00	\$ 220.00	\$ 140,580.00	\$16.00	\$ 10,224.00	\$ 180.00	\$ 115,020.00
197	CY	120	Decorative Gabion Cribbing – Welded Steel Wire Mesh Basket	\$65.00	\$ 7,800.00	\$72.50	\$ 8,700.00	\$57.00	\$ 6,840.00	\$ 270.00	\$ 32,400.00	\$16.00	\$ 1,920.00	\$ 206.00	\$ 24,720.00
198	TN	1,309	Gabion Rock Backfill	\$65.00	\$ 85,085.00	\$98.40	\$ 128,805.60	\$91.00	\$ 119,119.00	\$ 32.00	\$ 41,888.00	\$54.00	\$ 70,686.00	\$ 79.00	\$ 103,411.00
199	TN	245	Decorative Gabion Rock Backfill	\$125.00	\$ 30,625.00	\$96.00	\$ 23,520.00	\$60.60	\$ 14,847.00	\$ 60.00	\$ 14,700.00	\$54.00	\$ 13,230.00	\$ 96.00	\$ 23,520.00
200	CY	20	Unsuitable Gabion Foundation Excavation Incl. Haul	\$60.00	\$ 1,200.00	\$116.00	\$ 2,320.00	\$105.00	\$ 2,100.00	\$ 90.00	\$ 1,800.00	\$54.00	\$ 1,080.00	\$ 145.00	\$ 2,900.00
201	EA	3	Water Monitoring Port	\$1,500.00	\$ 4,500.00	\$550.00	\$ 1,650.00	\$2,000.00	\$ 6,000.00	\$ 800.00	\$ 2,400.00	\$750.00	\$ 2,250.00	\$ 1,025.00	\$ 3,075.00
Schedule A Subtotal =					\$ 2,787,469.50		\$ 2,447,276.65		\$ 2,576,309.78		\$ 2,406,982.19		\$ 2,561,341.50		\$ 2,548,042.70

CITY OF PUYALLUP

BID TAB

WSU LID Frontage Improvements, Phase 4a (#16-013)

December 1, 2020

SCHEDULE B: SANITARY SEWER IMPROVEMENTS															
300	LS	1	Shoring or Extra Excavation Class B - Water/Sewer	\$6,500.00	\$ 6,500.00	\$2,000.00	\$ 2,000.00	\$1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 400.00	\$ 400.00
301	EA	1	Install New Ring and Cover, Adjust to Grade	\$7,500.00	\$ 7,500.00	\$9,420.00	\$ 9,420.00	\$8,200.00	\$ 8,200.00	\$ 6,700.00	\$ 6,700.00	\$ 11,000.00	\$ 11,000.00	\$ 9,700.00	\$ 9,700.00
302	CY	20	Unsuitable Pipe Foundation Excavation Incl. Haul - Water/Sewer	\$60.00	\$ 1,200.00	\$94.50	\$ 1,890.00	\$105.00	\$ 2,100.00	\$ 133.00	\$ 2,660.00	\$ 54.00	\$ 1,080.00	\$ 145.00	\$ 2,900.00
303	LF	165	CL 52 Ductile Iron Pipe for Water Main 8 In. Diam.	\$160.00	\$ 26,400.00	\$35.10	\$ 5,791.50	\$93.00	\$ 15,345.00	\$ 105.00	\$ 17,325.00	\$ 60.00	\$ 9,900.00	\$ 122.00	\$ 20,130.00
			Schedule B Subtotal =		\$ 41,600.00		\$ 19,101.50		\$ 27,145.00		\$ 27,185.00		\$ 23,480.00		\$ 33,130.00
			WSST @ 9.9%		\$ 4,118.40		\$ 1,891.05		\$ 2,687.36		\$ 2,691.32		\$ 2,324.52		\$ 3,279.87
			Schedule B Subtotal =		\$ 45,718.40		\$ 20,992.55		\$ 29,832.36		\$ 29,876.32		\$ 25,804.52		\$ 36,409.87
			Total Bid Base Bid (Schedule A + B) =		\$ 2,833,187.90		\$ 2,468,269.20		\$ 2,606,142.14		\$ 2,436,858.51		\$ 2,587,146.02		\$ 2,584,452.57
ADDITIVE 1 SCHEDULE C: 4B WALL CONSTRUCTION															
400	SY	112	Asphalt Conc. Pavement Removal	\$12.00	\$ 1,344.00	\$9.15	\$ 1,024.80	\$9.00	\$ 1,008.00	\$ 15.00	\$ 1,680.00	\$17.50	\$ 1,960.00	\$ 13.25	\$ 1,484.00
401	EA	2	Potholing	\$750.00	\$ 1,500.00	\$1,500.00	\$ 3,000.00	\$900.00	\$ 1,800.00	\$ 375.00	\$ 750.00	\$2,500.00	\$ 5,000.00	\$ 900.00	\$ 1,800.00
402	LS	1	Shoring or Extra Excavation Class B	\$2,500.00	\$ 2,500.00	\$2,000.00	\$ 2,000.00	\$500.00	\$ 500.00	\$ 250.00	\$ 250.00	\$750.00	\$ 750.00	\$ 6,500.00	\$ 6,500.00
403	SY	311	Construction Geotextile for Soil Stabilization	\$3.50	\$ 1,088.50	\$2.25	\$ 699.75	\$6.50	\$ 2,021.50	\$ 7.50	\$ 2,332.50	\$15.00	\$ 4,665.00	\$ 3.50	\$ 1,088.50
404	SY	102	Geomembrane Liner	\$20.00	\$ 2,040.00	\$6.00	\$ 612.00	\$4.50	\$ 459.00	\$ 10.00	\$ 1,020.00	\$15.00	\$ 1,530.00	\$ 8.50	\$ 867.00
405	TN	5	Crushed Surfacing Top Course	\$100.00	\$ 500.00	\$154.25	\$ 771.25	\$90.00	\$ 450.00	\$ 80.00	\$ 400.00	\$39.00	\$ 195.00	\$ 62.00	\$ 310.00
406	TN	20	Crushed Surfacing Base Course	\$80.00	\$ 1,600.00	\$55.00	\$ 1,100.00	\$105.00	\$ 2,100.00	\$ 38.00	\$ 760.00	\$38.00	\$ 760.00	\$ 44.00	\$ 880.00
407	TN	28	Permeable Ballast Incl. Haul	\$50.00	\$ 1,400.00	\$67.50	\$ 1,890.00	\$53.00	\$ 1,484.00	\$ 32.00	\$ 896.00	\$51.00	\$ 1,428.00	\$ 45.00	\$ 1,260.00
408	TN	35	HMA Cl. 1/2 In. CL. 1/2 In. PG 58H-22	\$200.00	\$ 7,000.00	\$245.00	\$ 8,575.00	\$193.00	\$ 6,755.00	\$ 2,000.00	\$ 70,000.00	\$123.00	\$ 4,305.00	\$ 175.00	\$ 6,125.00
409	SF	3450	Soil Nail Wall System	\$56.00	\$ 193,200.00	\$30.00	\$ 103,500.00	\$26.00	\$ 89,700.00	\$ 70.00	\$ 241,500.00	\$58.00	\$ 200,100.00	\$ 57.50	\$ 198,375.00
410	EA	168	Soil Nail (Up to 12 Ft.)	\$325.00	\$ 54,600.00	\$1,204.25	\$ 202,314.00	\$1,000.00	\$ 168,000.00	\$ 1,000.00	\$ 168,000.00	\$900.00	\$ 151,200.00	\$ 975.00	\$ 163,800.00
411	LF	50	Soil Nail Additional Length	\$20.00	\$ 1,000.00	\$100.25	\$ 5,012.50	\$85.00	\$ 4,250.00	\$ 84.00	\$ 4,200.00	\$650.00	\$ 32,500.00	\$ 80.00	\$ 4,000.00
412	LF	130	Ductile Iron Pipe for Water Main 6 In. Diam.	\$125.00	\$ 16,250.00	\$63.20	\$ 8,216.00	\$115.00	\$ 14,950.00	\$ 83.00	\$ 10,790.00	\$160.00	\$ 20,800.00	\$ 122.00	\$ 15,860.00
413	EA	1	Gate Valve 6 In.	\$1,650.00	\$ 1,650.00	\$2,000.00	\$ 2,000.00	\$1,600.00	\$ 1,600.00	\$ 1,400.00	\$ 1,400.00	\$1,750.00	\$ 1,750.00	\$ 1,050.00	\$ 1,050.00
414	SY	20	Seeded Lawn Installation	\$10.00	\$ 200.00	\$4.15	\$ 83.00	\$4.00	\$ 80.00	\$ 3.50	\$ 70.00	\$3.65	\$ 73.00	\$ 2.20	\$ 44.00
415	CY	42	Topsoil Type A	\$52.00	\$ 2,184.00	\$88.35	\$ 3,710.70	\$78.00	\$ 3,276.00	\$ 77.00	\$ 3,234.00	\$78.00	\$ 3,276.00	\$ 60.00	\$ 2,520.00
416	CY	3	Bark or Wood Chip Mulch	\$85.00	\$ 255.00	\$109.75	\$ 329.25	\$97.00	\$ 291.00	\$ 95.00	\$ 285.00	\$97.00	\$ 291.00	\$ 70.00	\$ 210.00
417	LF	277	Steel Cable Fence, 48-In. Height	\$40.00	\$ 11,080.00	\$30.00	\$ 8,310.00	\$125.00	\$ 34,625.00	\$ 31.00	\$ 8,587.00	\$135.00	\$ 37,395.00	\$ 30.00	\$ 8,310.00
418	LF	496	Blank Conduit Pipe 4 In. Diam.	\$15.00	\$ 7,440.00	\$23.40	\$ 11,606.40	\$22.00	\$ 10,912.00	\$ 21.00	\$ 10,416.00	\$19.00	\$ 9,424.00	\$ 13.25	\$ 6,572.00
419	CY	229	Decorative Gabion Cribbing - Welded Steel Wire Mesh Basket	\$65.00	\$ 14,885.00	\$107.25	\$ 24,560.25	\$58.00	\$ 13,282.00	\$ 242.00	\$ 55,418.00	\$16.00	\$ 3,664.00	\$ 242.00	\$ 55,418.00
420	TN	470	Decorative Gabion Rock Backfill	\$120.00	\$ 56,400.00	\$96.00	\$ 45,120.00	\$60.00	\$ 28,200.00	\$ 60.00	\$ 28,200.00	\$54.00	\$ 25,380.00	\$ 96.00	\$ 45,120.00
			Additive 1 Schedule C Subtotal =		\$ 378,116.50		\$ 434,434.90		\$ 385,743.50		\$ 610,188.50		\$ 506,446.00		\$ 521,593.50
			Preference 1: Base Bid + Additive 1 (Schedule A + B + C) =		\$ 3,211,304.40		\$ 2,902,704.10		\$ 2,991,885.64		\$ 3,047,047.01		\$ 3,093,592.02		\$ 3,106,046.07
			Preference 2: Base Bid (Schedule A + B) =		\$ 2,833,187.90		\$ 2,468,269.20		\$ 2,606,142.14		\$ 2,436,858.51		\$ 2,587,146.02		\$ 2,584,452.57

ITEM	UNIT	EST QTY	DESCRIPTION	ENGINEER'S ESTIMATE		CASCADE CIVIL CONSTRUCTION		MILES RESOURCES	
				UNIT PRICE	COST	UNIT PRICE	COST	UNIT PRICE	COST
WSU LID Frontage Improvements, Phase 4a									
SCHEDULE A: ROADWAY & STORM IMPROVEMENTS									
100	EQ. ADJ.	1	Minor Change	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00	\$75,000.00	\$ 75,000.00
101	LS	1	Structure Surveying	\$5,000.00	\$ 5,000.00	\$4,000.00	\$ 4,000.00	\$3,878	\$ 3,877.57
102	LS	1	Roadway Surveying	\$7,500.00	\$ 7,500.00	\$15,000.00	\$ 15,000.00	\$17,836.81	\$ 17,836.81
103	LS	1	Record Drawings (Minimum Bid \$1,000)	\$1,000.00	\$ 1,000.00	\$2,500.00	\$ 2,500.00	\$1,000.00	\$ 1,000.00
104	LS	1	SPCC Plan	\$1,500.00	\$ 1,500.00	\$500.00	\$ 500.00	\$250.00	\$ 250.00
105	LS	1	Mobilization	\$220,000.00	\$ 220,000.00	\$300,000.00	\$ 300,000.00	\$107,500.00	\$ 107,500.00
106	HR	100	Uniformed Police Officer	\$120.00	\$ 12,000.00	\$110.00	\$ 11,000.00	\$125.00	\$ 12,500.00
107	LS	1	Project Temporary Traffic Control	\$250,000.00	\$ 250,000.00	\$200,000.00	\$ 200,000.00	\$155,400.00	\$ 155,400.00
108	LS	1	Clearing and Grubbing	\$10,000.00	\$ 10,000.00	\$41,657.00	\$ 41,657.00	\$13,000.00	\$ 13,000.00
109	LS	1	Removal of Structures and Obstructions	\$15,000.00	\$ 15,000.00	\$125,000.00	\$ 125,000.00	\$34,000.00	\$ 34,000.00
110	SY	4,539	Asphalt Conc. Pavement Removal	\$9.00	\$ 40,851.00	\$10.00	\$ 45,390.00	\$6.80	\$ 30,865.20
111	EA	2	Adjust Existing Utility to Grade	\$1,200.00	\$ 2,400.00	\$900.00	\$ 1,800.00	\$1,400.00	\$ 2,800.00
112	EA	10	Potholing	\$750.00	\$ 7,500.00	\$550.00	\$ 5,500.00	\$525.00	\$ 5,250.00
113	SY	70	Cement Conc. Sidewalk Removal	\$20.00	\$ 1,400.00	\$17.00	\$ 1,190.00	\$8.70	\$ 609.00
114	LF	60	Curb Removal	\$10.00	\$ 600.00	\$5.00	\$ 300.00	\$4.50	\$ 270.00
115	LS	1	Roadway Excavation Incl. Haul	\$120,000.00	\$ 120,000.00	\$130,000.00	\$ 130,000.00	\$80,000.00	\$ 80,000.00
116	CY	307	Unsuitable Roadway Foundation Excavation Incl. Haul	\$60.00	\$ 18,420.00	\$145.00	\$ 44,515.00	\$84.00	\$ 25,788.00
117	CY	774	Gravel Borrow Incl. Haul	\$45.00	\$ 34,830.00	\$40.00	\$ 30,960.00	\$47.00	\$ 36,378.00
118	LS	1	Preload	\$50,000.00	\$ 50,000.00	\$83,000.00	\$ 83,000.00	\$95,000.00	\$ 95,000.00
119	CY	88	Unsuitable Preload Foundation Excavation Incl. Haul	\$75.00	\$ 6,600.00	\$130.00	\$ 11,440.00	\$84.00	\$ 7,392.00
120	LS	1	Shoring or Extra Excavation Class B	\$7,000.00	\$ 7,000.00	\$2,500.00	\$ 2,500.00	\$500.00	\$ 500.00

CITY OF PUYALLUP

BID TAB

WSU LID Frontage Improvements, Phase 4a (#16-013)

December 1, 2020

121	CY	33	Controlled Density Fill	\$220.00	\$ 7,260.00	\$225.00	\$ 7,425.00	\$200.00	\$ 6,600.00
122	SY	756	Geomembrane Liner	\$20.00	\$ 15,120.00	\$9.00	\$ 6,804.00	\$13.00	\$ 9,828.00
123	SY	4,179	Construction Geotextile for Underground Drainage	\$5.50	\$ 22,984.50	\$2.00	\$ 8,358.00	\$7.00	\$ 29,253.00
124	SY	140	Construction Geotextile for Soil Stabilization	\$3.50	\$ 490.00	\$4.00	\$ 560.00	\$12.00	\$ 1,680.00
125	TN	107	Crushed Surfacing Top Course	\$50.00	\$ 5,350.00	\$75.00	\$ 8,025.00	\$65.50	\$ 7,008.50
126	TN	1,283	Crushed Surfacing Base Course	\$38.00	\$ 48,754.00	\$40.00	\$ 51,320.00	\$33.00	\$ 42,339.00
127	TN	2,583	Permeable Ballast Incl. Haul	\$50.00	\$ 129,150.00	\$42.00	\$ 108,486.00	\$45.00	\$ 116,235.00
128	TN	1,714	Asphalt Treated Permeable Base, PG 58V-22	\$90.00	\$ 154,260.00	\$100.00	\$ 171,400.00	\$85.00	\$ 145,690.00
129	TN	590	PHMA CL. 1/2 In. PG 58V-22	\$120.00	\$ 70,800.00	\$108.00	\$ 63,720.00	\$125.00	\$ 73,750.00
130	TN	347	HMA CL. 1/2 In. PG 58H-22	\$140.00	\$ 48,580.00	\$120.00	\$ 41,640.00	\$110.00	\$ 38,170.00
131	SY	220	HMA for Pavement Repair CL. 1/2 In. PG 58H-22	\$200.00	\$ 44,000.00	\$64.00	\$ 14,080.00	\$110.00	\$ 24,200.00
132	LS	1	Extend Equipment Underpass Precast Bridge	\$190,000.00	\$ 190,000.00	\$135,000.00	\$ 135,000.00	\$125,000.00	\$ 125,000.00
133	CY	12	Unsuitable Precast Bridge Foundation Excavation Incl. Haul	\$75.00	\$ 900.00	\$160.00	\$ 1,920.00	\$84.00	\$ 1,008.00
134	LF	283	Temporary Precast Conc. Barrier Type 2	\$40.00	\$ 11,320.00	\$15.15	\$ 4,287.45	\$26.00	\$ 7,358.00
135	LF	266	Precast Conc. Barrier Type Single Slope	\$125.00	\$ 33,250.00	\$133.50	\$ 35,511.00	\$130.00	\$ 34,580.00
136	EA	2	Precast Conc. Barrier Type Single Slope Terminal	\$5,000.00	\$ 10,000.00	\$2,500.00	\$ 5,000.00	\$3,490.00	\$ 6,980.00
137	EA	2	Cast-In-Place Single Slope Low Speed Concrete Barrier Terminal	\$20,000.00	\$ 40,000.00	\$9,000.00	\$ 18,000.00	\$10,300.00	\$ 20,600.00
138	SF	1,715	Soil Nail Wall System	\$56.00	\$ 96,040.00	\$22.50	\$ 38,587.50	\$185.00	\$ 317,275.00
139	EA	92	Soil Nail (Up to 12 Ft.)	\$325.00	\$ 29,900.00	\$900.00	\$ 82,800.00	\$657.00	\$ 60,444.00
140	LF	25	Soil Nail Additional Length	\$20.00	\$ 500.00	\$75.00	\$ 1,875.00	\$230.00	\$ 5,750.00
141	EA	8	Soil Nail Verification Test and Nail Proof Test	\$450.00	\$ 3,600.00	\$1,000.00	\$ 8,000.00	\$11,250.00	\$ 90,000.00
142	LF	98	Underdrain Pipe 6 In. Diam.	\$100.00	\$ 9,800.00	\$75.00	\$ 7,350.00	\$76.50	\$ 7,497.00
143	EA	3	Slotted Underdrain for Sampling, Complete	\$6,500.00	\$ 19,500.00	\$3,000.00	\$ 9,000.00	\$4,600.00	\$ 13,800.00
144	EA	3	Shallow Underdrain for Sampling, Complete	\$5,500.00	\$ 16,500.00	\$2,200.00	\$ 6,600.00	\$4,600.00	\$ 13,800.00
145	LF	30	Corrugated Polyethylene Storm Sewer Pipe 4 In. Diam.	\$160.00	\$ 4,800.00	\$85.00	\$ 2,550.00	\$80.00	\$ 2,400.00
146	LF	30	Corrugated Polyethylene Storm Sewer Pipe 8 In. Diam.	\$200.00	\$ 6,000.00	\$92.00	\$ 2,760.00	\$80.00	\$ 2,400.00
147	LF	33	Solid Wall PVC Storm Sewer Pipe 6 In. Diam.	\$200.00	\$ 6,600.00	\$138.00	\$ 4,554.00	\$83.00	\$ 2,739.00
148	LF	690	Solid Wall PVC Storm Sewer Pipe 12 In. Diam.	\$95.00	\$ 65,550.00	\$130.00	\$ 89,700.00	\$93.00	\$ 64,170.00
149	LF	137	Ductile Iron Storm Sewer Pipe 12 In. Diam.	\$180.00	\$ 24,660.00	\$117.00	\$ 16,029.00	\$105.00	\$ 14,385.00
150	EA	6	Catch Basin Type 1	\$1,350.00	\$ 8,100.00	\$1,950.00	\$ 11,700.00	\$1,400.00	\$ 8,400.00
151	EA	9	Catch Basin Type 2, 48 In. Diam.	\$4,500.00	\$ 40,500.00	\$5,400.00	\$ 48,600.00	\$5,350.00	\$ 48,150.00
152	EA	1	Install New Storm Ring and Cover, Adjust to Finished Grade	\$1,500.00	\$ 1,500.00	\$1,500.00	\$ 1,500.00	\$1,400.00	\$ 1,400.00
153	EA	5	Install New Sewer Ring and Cover, Adjust to Finished Grade	\$1,500.00	\$ 7,500.00	\$1,500.00	\$ 7,500.00	\$1,400.00	\$ 7,000.00
154	CY	50	Unsuitable Pipe Foundation Excavation, Incl. Haul	\$60.00	\$ 3,000.00	\$176.00	\$ 8,800.00	\$84.00	\$ 4,200.00
155	EA	9	Trench Dam	\$1,200.00	\$ 10,800.00	\$600.00	\$ 5,400.00	\$1,250.00	\$ 11,250.00
156	LF	68	Ductile Iron Pipe for Water Main 6 In. Diam.	\$125.00	\$ 8,500.00	\$300.00	\$ 20,400.00	\$150.00	\$ 10,200.00
157	EA	1	Gate Valve 6 In.	\$1,650.00	\$ 1,650.00	\$1,300.00	\$ 1,300.00	\$1,150.00	\$ 1,150.00
158	EA	2	Install New Non-Locking Water Valve Box, Adjust to Finished Grade	\$600.00	\$ 1,200.00	\$660.00	\$ 1,320.00	\$825.00	\$ 1,650.00
159	EA	1	Install New Locking Water Valve Box, Adjust to Finished Grade	\$850.00	\$ 850.00	\$730.00	\$ 730.00	\$825.00	\$ 825.00
160	LS	1	Erosion Control and Water Pollution Prevention	\$15,000.00	\$ 15,000.00	\$100,000.00	\$ 100,000.00	\$16,300.00	\$ 16,300.00
161	SY	440	Biodegradable Erosion Control Blanket	\$3.00	\$ 1,320.00	\$5.00	\$ 2,200.00	\$6.10	\$ 2,684.00
162	EA	9	Inlet Protection	\$90.00	\$ 810.00	\$80.00	\$ 720.00	\$94.50	\$ 850.50
163	LF	1,000	High Visibility Silt Fence	\$6.50	\$ 6,500.00	\$5.00	\$ 5,000.00	\$5.50	\$ 5,500.00
164	LF	580	Wattle	\$4.00	\$ 2,320.00	\$6.00	\$ 3,480.00	\$5.30	\$ 3,074.00
165	SY	528	Temporary Seeding	\$10.00	\$ 5,280.00	\$1.00	\$ 528.00	\$8.00	\$ 4,224.00
166	LS	1	NPDES Construction Stormwater General Permit	\$5,000.00	\$ 5,000.00	\$2,500.00	\$ 2,500.00	\$5,000.00	\$ 5,000.00
167	SY	888	Seeded Lawn Installation	\$10.00	\$ 8,880.00	\$2.00	\$ 1,776.00	\$3.70	\$ 3,285.60
168	CY	112	Topsoil Type A	\$52.00	\$ 5,824.00	\$60.00	\$ 6,720.00	\$79.00	\$ 8,848.00
169	CY	29	Bark or Wood Chip Mulch	\$50.00	\$ 1,450.00	\$50.00	\$ 1,450.00	\$98.00	\$ 2,842.00
170	LF	937	Cement Conc. Traffic Curb and Gutter	\$38.00	\$ 35,606.00	\$24.00	\$ 22,488.00	\$34.50	\$ 32,326.50
171	LF	422	Cement Conc. Border	\$120.00	\$ 50,640.00	\$55.00	\$ 23,210.00	\$69.00	\$ 29,118.00
172	LF	105	Cement Conc. Band	\$180.00	\$ 18,900.00	\$104.00	\$ 10,920.00	\$115.00	\$ 12,075.00
173	FA	1	Resolution of Utility Conflicts	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00
174	SY	130	Commercial Cement Conc. Driveway Entrance, 3-Day Mix	\$110.00	\$ 14,300.00	\$80.00	\$ 10,400.00	\$83.00	\$ 10,790.00
175	HUND	1.30	Type 1 Raised Pavement Markers	\$500.00	\$ 650.00	\$600.00	\$ 780.00	\$500.00	\$ 650.00
176	HUND	1	Type 2 Rasied Pavement Markers	\$500.00	\$ 500.00	\$750.00	\$ 750.00	\$500.00	\$ 500.00
177	HUND	0.05	Type 3 Raised Pavemen Markers, 8 In.	\$500.00	\$ 25.00	\$5,250.00	\$ 262.50	\$500.00	\$ 25.00
178	LF	422	Chain Link Fence Type 6 on Conc. Border	\$55.00	\$ 23,210.00	\$37.25	\$ 15,719.50	\$57.50	\$ 24,265.00
179	LF	55	Chain Link Fence Type 6 on Thickened Edge	\$55.00	\$ 3,025.00	\$37.25	\$ 2,048.75	\$57.50	\$ 3,162.50
180	LF	130	Steel Cable Fence, 48-In. Height	\$40.00	\$ 5,200.00	\$27.75	\$ 3,607.50	\$43.00	\$ 5,590.00
181	EA	1	Monument Case and Cover	\$1,800.00	\$ 1,800.00	\$900.00	\$ 900.00	\$1,400.00	\$ 1,400.00
182	SY	283	Cement Conc. Sidewalk	\$60.00	\$ 16,980.00	\$45.00	\$ 12,735.00	\$62.00	\$ 17,546.00
183	SY	598	Pervious Cement Conc. Sidewalk	\$75.00	\$ 44,850.00	\$55.00	\$ 32,890.00	\$72.00	\$ 43,056.00
184	LF	160	Pervious Cement Conc. Thickened Edge	\$50.00	\$ 8,000.00	\$25.00	\$ 4,000.00	\$29.00	\$ 4,640.00
185	LF	55	Cement Conc. Thickened Edge	\$50.00	\$ 2,750.00	\$33.00	\$ 1,815.00	\$29.00	\$ 1,595.00

CITY OF PUYALLUP

BID TAB

WSU LID Frontage Improvements, Phase 4a (#16-013)

December 1, 2020

186	SY	55	HMA Curb Ramp	\$150.00	\$ 8,250.00	\$75.00	\$ 4,125.00	\$75.00	\$ 4,125.00
187	SY	81	HMA Sidewalk	\$80.00	\$ 6,480.00	\$75.00	\$ 6,075.00	\$75.00	\$ 6,075.00
188	LS	1	Illumination System, Complete	\$195,000.00	\$ 195,000.00	\$122,044.00	\$ 122,044.00	\$140,000.00	\$ 140,000.00
189	LS	1	Permanent Signing	\$3,500.00	\$ 3,500.00	\$1,545.00	\$ 1,545.00	\$2,675.00	\$ 2,675.00
190	LF	3,625	Plastic Line	\$5.00	\$ 18,125.00	\$1.60	\$ 5,800.00	\$1.15	\$ 4,168.75
191	LF	160	Plastic Wide Lane Line	\$10.00	\$ 1,600.00	\$4.00	\$ 640.00	\$2.30	\$ 368.00
192	EA	6	Plastic Traffic Arrow	\$300.00	\$ 1,800.00	\$165.00	\$ 990.00	\$105.00	\$ 630.00
193	EA	8	Plastic Traffic Letter	\$300.00	\$ 2,400.00	\$75.00	\$ 600.00	\$115.00	\$ 920.00
194	LF	30	Plastic Stop Line	\$14.00	\$ 420.00	\$6.50	\$ 195.00	\$15.00	\$ 450.00
195	LF	850	Paint Line	\$1.00	\$ 850.00	\$1.80	\$ 1,530.00	\$2.30	\$ 1,955.00
196	CY	639	Gabion Cribbing – Twisted or Welded Steel Wire Basket	\$55.00	\$ 35,145.00	\$50.00	\$ 31,950.00	\$74.00	\$ 47,286.00
197	CY	120	Decorative Gabion Cribbing – Welded Steel Wire Mesh Basket	\$65.00	\$ 7,800.00	\$75.00	\$ 9,000.00	\$92.00	\$ 11,040.00
198	TN	1,309	Gabion Rock Backfill	\$65.00	\$ 85,085.00	\$35.00	\$ 45,815.00	\$58.00	\$ 75,922.00
199	TN	245	Decorative Gabion Rock Backfill	\$125.00	\$ 30,625.00	\$35.00	\$ 8,575.00	\$380.00	\$ 93,100.00
200	CY	20	Unsuitable Gabion Foundation Excavation Incl. Haul	\$60.00	\$ 1,200.00	\$165.00	\$ 3,300.00	\$84.00	\$ 1,680.00
201	EA	3	Water Monitoring Port	\$1,500.00	\$ 4,500.00	\$1,800.00	\$ 5,400.00	\$1,100.00	\$ 3,300.00
Schedule A Subtotal =					\$ 2,787,469.50		\$ 2,724,328.20		\$ 2,737,422.93
SCHEDULE B: SANITARY SEWER IMPROVEMENTS									
300	LS	1	Shoring or Extra Excavation Class B - Water/Sewer	\$6,500.00	\$ 6,500.00	\$1,500.00	\$ 1,500.00	\$500.00	\$ 500.00
301	EA	1	Install New Ring and Cover, Adjust to Grade	\$7,500.00	\$ 7,500.00	\$19,700.00	\$ 19,700.00	\$6,450.00	\$ 6,450.00
302	CY	20	Unsuitable Pipe Foundation Excavation Incl. Haul - Water/Sewer	\$60.00	\$ 1,200.00	\$165.00	\$ 3,300.00	\$84.00	\$ 1,680.00
303	LF	165	CL 52 Ductile Iron Pipe for Water Main 8 In. Diam.	\$160.00	\$ 26,400.00	\$185.00	\$ 30,525.00	\$65.00	\$ 10,725.00
Schedule B Subtotal =					\$ 41,600.00		\$ 55,025.00		\$ 19,355.00
WSST @ 9.9%					\$ 4,118.40		\$ 5,447.48		\$ 1,916.15
Schedule B Subtotal =					\$ 45,718.40		\$ 60,472.48		\$ 21,271.15
Total Bid Base Bid (Schedule A + B) =					\$ 2,833,187.90		\$ 2,784,800.68		\$ 2,758,694.08
ADDITIVE 1 SCHEDULE C: 4B WALL CONSTRUCTION									
400	SY	112	Asphalt Conc. Pavement Removal	\$12.00	\$ 1,344.00	\$10.00	\$ 1,120.00	\$6.10	\$ 683.20
401	EA	2	Potholing	\$750.00	\$ 1,500.00	\$550.00	\$ 1,100.00	\$675.00	\$ 1,350.00
402	LS	1	Shoring or Extra Excavation Class B	\$2,500.00	\$ 2,500.00	\$2,500.00	\$ 2,500.00	\$500.00	\$ 500.00
403	SY	311	Construction Geotextile for Soil Stabilization	\$3.50	\$ 1,088.50	\$4.00	\$ 1,244.00	\$12.00	\$ 3,732.00
404	SY	102	Geomembrane Liner	\$20.00	\$ 2,040.00	\$9.00	\$ 918.00	\$40.00	\$ 4,080.00
405	TN	5	Crushed Surfacing Top Course	\$100.00	\$ 500.00	\$110.00	\$ 550.00	\$535.00	\$ 2,675.00
406	TN	20	Crushed Surfacing Base Course	\$80.00	\$ 1,600.00	\$85.00	\$ 1,700.00	\$535.00	\$ 10,700.00
407	TN	28	Permeable Ballast Incl. Haul	\$50.00	\$ 1,400.00	\$80.00	\$ 2,240.00	\$85.00	\$ 2,380.00
408	TN	35	HMA Cl. 1/2 In. CL. 1/2 In. PG 58H-22	\$200.00	\$ 7,000.00	\$180.00	\$ 6,300.00	\$200.00	\$ 7,000.00
409	SF	3450	Soil Nail Wall System	\$56.00	\$ 193,200.00	\$22.50	\$ 77,625.00	\$142.00	\$ 489,900.00
410	EA	168	Soil Nail (Up to 12 Ft.)	\$325.00	\$ 54,600.00	\$900.00	\$ 151,200.00	\$646.00	\$ 108,528.00
411	LF	50	Soil Nail Additional Length	\$20.00	\$ 1,000.00	\$75.00	\$ 3,750.00	\$230.00	\$ 11,500.00
412	LF	130	Ductile Iron Pipe for Water Main 6 In. Diam.	\$125.00	\$ 16,250.00	\$250.00	\$ 32,500.00	\$140.00	\$ 18,200.00
413	EA	1	Gate Valve 6 In.	\$1,650.00	\$ 1,650.00	\$1,300.00	\$ 1,300.00	\$1,050.00	\$ 1,050.00
414	SY	20	Seeded Lawn Installation	\$10.00	\$ 200.00	\$2.00	\$ 40.00	\$3.70	\$ 74.00
415	CY	42	Topsoil Type A	\$52.00	\$ 2,184.00	\$60.00	\$ 2,520.00	\$79.00	\$ 3,318.00
416	CY	3	Bark or Wood Chip Mulch	\$85.00	\$ 255.00	\$50.00	\$ 150.00	\$98.50	\$ 295.50
417	LF	277	Steel Cable Fence, 48-In. Height	\$40.00	\$ 11,080.00	\$27.75	\$ 7,686.75	\$45.00	\$ 12,465.00
418	LF	496	Blank Conduit Pipe 4 In. Diam.	\$15.00	\$ 7,440.00	\$19.00	\$ 9,424.00	\$51.00	\$ 25,296.00
419	CY	229	Decorative Gabion Cribbing – Welded Steel Wire Mesh Basket	\$65.00	\$ 14,885.00	\$75.00	\$ 17,175.00	\$94.00	\$ 21,526.00
420	TN	470	Decorative Gabion Rock Backfill	\$120.00	\$ 56,400.00	\$50.00	\$ 23,500.00	\$330.00	\$ 155,100.00
Additive 1 Schedule C Subtotal =					\$ 378,116.50		\$ 344,542.75		\$ 880,352.70
Preference 1: Base Bid + Additive 1 (Schedule A + B + C) =					\$ 3,211,304.40		\$ 3,129,343.43		\$ 3,639,046.78
Preference 2: Base Bid (Schedule A +B) =					\$ 2,833,187.90		\$ 2,784,800.68		\$ 2,758,694.08

DocuSigned by:

Hans P Hunger 4/2020

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Hans Hunger, P.E.

City Engineer