



I, James E. Carothers, Engineering Manager, hereby certify that these bid tabulations are correct.

DocuSigned by: **James E. Carothers** Date: **5/11/2024**
 James E. Carothers, PE
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PROJECT NO. W1038 / WTR23008				Engineer's Estimate:		Tapani Inc		Advanced Excavating Specialists LLC		MJ Hughes Construction		Rotschy Inc		GT Bladeworks Inc		Western United Civil Group LLC	
DESCRIPTION: SE 6th Ave Waterline Replacement				\$1,150,000.00		PO Box 1900		1200 Hazel Street		11510 NE 87th Ave		7408 NE 113th Circle		2105 SE Grace Ave		PO Box 236	
Ent. By						Battle Ground WA 98604		Kelso WA 98626		Vancouver WA 98662		Vancouver WA 98662		Battle Ground WA 98604		Yacolt WA 98675	
DATE OF BID OPENING: May 9, 2024				MP		lancet@tapani.om		chad@advexc.us		mike@mjhughes.com		estimator@rotschyinc.com		leif.tormanen@gtbladeworks.com		josiah@westernucg.com	
360-687-1148						360-687-1148		360-232-8854		503-407-7029		360-334-3100		360-904-3723		360-450-7378	
Schedule A - Waterline Replacement																	
ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE	ENGRG TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL
1	Minor Changes (\$5000 min.)	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
2	Survey	1	LS	\$5,500.00	\$5,500.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$3,110.00	\$3,110.00	\$5,900.00	\$5,900.00	\$3,080.94	\$3,080.94	\$5,000.00	\$5,000.00
3	Construction Documentation (\$20000 min.)	1	LS	\$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	\$20,000.00	\$20,000.00
4	Mobilization	1	LS	\$103,000.00	\$103,000.00	\$95,000.00	\$95,000.00	\$60,000.00	\$60,000.00	\$120,000.00	\$120,000.00	\$140,120.41	\$140,120.41	\$99,207.31	\$99,207.31	\$150,000.00	\$150,000.00
5	PCMS	180	DAY	\$25.00	\$4,500.00	\$50.00	\$9,000.00	\$50.00	\$9,000.00	\$50.00	\$9,000.00	\$125.00	\$22,500.00	\$311.62	\$56,091.60	\$120.00	\$21,600.00
6	Project Temporary Traffic Control Devices and TCS	1	LS	\$2,000.00	\$2,000.00	\$24,750.00	\$24,750.00	\$18,000.00	\$18,000.00	\$37,000.00	\$37,000.00	\$50,000.00	\$50,000.00	\$134,126.88	\$134,126.88	\$20,000.00	\$20,000.00
7	Flaggers	1200	HR	\$100.00	\$120,000.00	\$65.00	\$78,000.00	\$70.00	\$84,000.00	\$80.00	\$96,000.00	\$55.00	\$66,000.00	\$101.13	\$121,356.00	\$65.00	\$78,000.00
8	Removal of Structures and Obstructions	1	LS	\$5,000.00	\$5,000.00	\$55,000.00	\$55,000.00	\$45,000.00	\$45,000.00	\$60,000.00	\$60,000.00	\$8,000.00	\$8,000.00	\$75,663.59	\$75,663.59	\$50,000.00	\$50,000.00
9	Sawcutting	1	LS	\$1,000.00	\$1,000.00	\$1,400.00	\$1,400.00	\$3,500.00	\$3,500.00	\$600.00	\$600.00	\$1,000.00	\$1,000.00	\$2,071.41	\$2,071.41	\$4,000.00	\$4,000.00
10	Locate and Pothole Existing Utilities	1	LS	\$20,000.00	\$20,000.00	\$6,100.00	\$6,100.00	\$5,000.00	\$5,000.00	\$4,600.00	\$4,600.00	\$5,000.00	\$5,000.00	\$5,639.77	\$5,639.77	\$4,000.00	\$4,000.00
11	Commercial HMA	15	TN	\$200.00	\$3,000.00	\$590.00	\$8,850.00	\$400.00	\$6,000.00	\$425.00	\$6,375.00	\$400.00	\$6,000.00	\$616.27	\$9,244.05	\$400.00	\$6,000.00
12	Temporary HMA	10	TN	\$200.00	\$2,000.00	\$460.00	\$4,600.00	\$200.00	\$2,000.00	\$300.00	\$3,000.00	\$400.00	\$4,000.00	\$799.16	\$7,991.60	\$500.00	\$5,000.00
13	Reiver Protection	1	LS	\$60,000.00	\$60,000.00	\$15,900.00	\$15,900.00	\$90,000.00	\$90,000.00	\$77,000.00	\$77,000.00	\$50,000.00	\$50,000.00	\$6,110.15	\$6,110.15	\$80,000.00	\$80,000.00
14	24-In. DI Pipe for Water Main on Bridge Crossing	1	LS	\$490,000.00	\$490,000.00	\$539,000.00	\$539,000.00	\$625,000.00	\$625,000.00	\$625,000.00	\$625,000.00	\$750,000.00	\$750,000.00	\$816,666.17	\$816,666.17	\$1,289,000.00	\$1,289,000.00
15	Trench Excavation Safety Systems	1	LS	\$4,000.00	\$4,000.00	\$250.00	\$250.00	\$5,000.00	\$5,000.00	\$400.00	\$400.00	\$5,000.00	\$5,000.00	\$1,763.90	\$1,763.90	\$7,500.00	\$7,500.00
16	Removal of Unsuitable Material	10	CY	\$80.00	\$800.00	\$142.00	\$1,420.00	\$200.00	\$2,000.00	\$165.00	\$1,650.00	\$150.00	\$1,500.00	\$47.31	\$473.10	\$240.00	\$2,400.00
17	Connections to Existing Mains	2	EA	\$12,000.00	\$24,000.00	\$5,550.00	\$11,100.00	\$50,000.00	\$100,000.00	\$6,500.00	\$13,000.00	\$10,000.00	\$20,000.00	\$14,796.80	\$29,593.60	\$5,300.00	\$10,600.00
18	16-In. DI Water Pipe, Including Fittings	75	LF	\$350.00	\$26,250.00	\$355.00	\$26,625.00	\$700.00	\$52,500.00	\$850.00	\$63,750.00	\$500.00	\$37,500.00	\$633.32	\$47,499.00	\$430.00	\$32,250.00
19	Additional Ductile Iron Fittings	300	LB	\$8.00	\$2,400.00	\$60.00	\$18,000.00	\$25.00	\$7,500.00	\$10.00	\$3,000.00	\$14.00	\$4,200.00	\$17.92	\$5,376.00	\$16.00	\$4,800.00
20	Butterfly Valve, 16 In.	1	EA	\$12,000.00	\$12,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00	\$8,300.00	\$8,300.00	\$7,101.25	\$7,101.25	\$4,500.00	\$4,500.00
21	Butterfly Valve, 24 In.	1	EA	\$15,000.00	\$15,000.00	\$10,500.00	\$10,500.00	\$11,000.00	\$11,000.00	\$18,000.00	\$18,000.00	\$16,000.00	\$16,000.00	\$14,558.53	\$14,558.53	\$11,000.00	\$11,000.00
22	Erosion/Water Pollution Prevention	1	LS	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00	\$13,248.06	\$13,248.06	\$13,000.00	\$13,000.00
23	Seeding, Fertilizing, and Mulching	300	SY	\$10.00	\$3,000.00	\$6.00	\$1,800.00	\$7.00	\$2,100.00	\$4.75	\$1,425.00	\$14.00	\$4,200.00	\$5.29	\$1,587.00	\$5.50	\$1,650.00
24	Cement Concrete Traffic Curb	40	LF	\$100.00	\$4,000.00	\$100.00	\$4,000.00	\$120.00	\$4,800.00	\$125.00	\$5,000.00	\$75.00	\$3,000.00	\$35.28	\$1,411.20	\$135.00	\$5,400.00
25	Guardrail Restoration	30	LF	\$500.00	\$15,000.00	\$450.00	\$13,500.00	\$300.00	\$9,000.00	\$125.00	\$3,750.00	\$175.00	\$5,250.00	\$428.66	\$12,859.80	\$450.00	\$13,500.00
26	Cement Concrete Sidewalk	20	SY	\$100.00	\$2,000.00	\$275.00	\$5,500.00	\$200.00	\$4,000.00	\$300.00	\$6,000.00	\$165.00	\$3,300.00	\$148.17	\$2,963.40	\$330.00	\$6,600.00
27	Paint Lime	60	LF	\$30.00	\$1,800.00	\$17.00	\$1,020.00	\$20.00	\$1,200.00	\$50.00	\$3,000.00	\$20.00	\$1,200.00	\$52.53	\$3,151.80	\$27.00	\$1,620.00
28	Adjust Valve Box	1	EA	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$200.00	\$200.00	\$200.00	\$200.00	\$300.00	\$300.00	\$2,819.89	\$2,819.89	\$1,000.00	\$1,000.00
29	Locate Station	1	EA	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$550.00	\$550.00	\$2,000.00	\$2,000.00	\$3,132.10	\$3,132.10	\$1,000.00	\$1,000.00
Subtotal Schedule A -					\$974,250.00		\$979,315.00		\$1,188,800.00		\$1,207,410.00		\$1,285,270.41		\$1,509,788.10		\$1,854,420.00
Sales Tax (8.5%)					\$82,811.25		\$83,241.78		\$101,048.00		\$102,629.85		\$109,247.98		\$128,331.99		\$157,625.70
Total Schedule A -					\$1,057,061.25		\$1,062,556.78		\$1,289,848.00		\$1,310,039.85		\$1,394,518.39		\$1,638,120.09		\$2,012,045.70
Schedule B - Gas Pipe Removal & Restoration																	
ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE	ENGRG TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL	UNIT PRICE	CONTRACT TOTAL
30	Minor Changes (\$5000 min.)	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
31	Bridge	1	LS	\$25,000.00	\$25,000.00	\$34,000.00	\$34,000.00	\$22,000.00	\$22,000.00	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$40,590.22	\$40,590.22	\$124,000.00	\$124,000.00
32	Mobilization, Cleanup, and Demobilization	1	LS	\$6,400.00	\$6,400.00	\$5,000.00	\$5,000.00	\$30,000.00	\$30,000.00	\$4,500.00	\$4,500.00	\$10,000.00	\$10,000.00	\$8,820.08	\$8,820.08	\$20,000.00	\$20,000.00
33	PCMS	20	DAY	\$25.00	\$500.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$125.00	\$2,500.00	\$311.62	\$6,232.40	\$120.00	\$2,400.00
34	Project Temporary Traffic Control Devices and TCS	1	LS	\$2,000.00	\$2,000.00	\$6,600.00	\$6,600.00	\$18,000.00	\$18,000.00	\$1,500.00	\$1,500.00	\$8,500.00	\$8,500.00	\$32,737.97	\$32,737.97	\$10,000.00	\$10,000.00
35	Flaggers	320	HR	\$100.00	\$32,000.00	\$65.00	\$20,800.00	\$70.00	\$22,400.00	\$80.00	\$25,600.00	\$55.00	\$17,600.00	\$101.13	\$32,361.60	\$65.00	\$20,800.00
Subtotal Schedule B -					\$70,900.00		\$72,400.00		\$98,400.00		\$87,600.00		\$143,600.00		\$125,742.27		\$182,200.00
Sales Tax (8.5%)					\$6,026.50		\$6,154.00		\$8,364.00		\$7,446.00		\$12,206.00		\$10,688.09		\$15,487.00
Total Schedule B -					\$76,926.50		\$78,554.00		\$106,764.00		\$95,046.00		\$155,806.00		\$136,430.36		\$197,687.00
TOTAL CONSTRUCTION COST SCHEDULES A&B (BASIS OF AWARD**)					\$1,133,987.75		\$1,141,110.78		\$1,396,612.00		\$1,405,085.85		\$1,550,324.39		\$1,774,550.45		\$2,209,732.70