## CITY OF TUKWILA DEPARTMENT OF PUBLIC WORKS MACADAM ROAD SOUTH WATER UPGRADE BID TABULATION TUKWIIA Project #90440105 December 14, 2021

Apparent Low Bidder

CORRECTION

Additive (Not in Base Bid)

Cab c d l	.Watermain Improvements			Engineer's Estimate		Laser Underground & Earthworks Inc.		Reed Trucking and Excavating, Inc.		Nordvind Company, LLC		Rodarte Construction, Inc.		Northwest Cascade, Inc.		Kar-Vel Construction, Inc.		Active Construction, Inc. (ACI)		Marshbank Construction, Inc.	
ITEM	A: Watermain Improvements ITEM			UNIT PRICE 1	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
NO.	DESCRIPTION	QTY	UNIT																		
	Unexpected Site Changes Construction Surveying and Staking	1	FA LS	\$50,000.00	\$50,000.00 \$9.000.00	\$50,000.00 \$13,000.00	\$50,000.00 \$13,000.00	\$50,000.00 \$15,000.00	\$50,000.00 \$15,000.00	\$50,000.00 \$14,343.75	\$50,000.00 \$14,343.75	\$50,000.00 \$15,000.00	\$50,000.00 \$15,000.00	\$50,000.00	\$50,000.00 \$13,000.00	\$50,000.00 \$18.000.00	\$50,000.00 \$18,000.00	0 \$50,000.00 0 \$13,000.00	\$50,000.00	\$50,000.00 \$18,000.00	
	Resolution of Utility Conflicts	1	FA	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	
A-4	Erosion and Water Pollution Control	1	LS	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$22,000.00	\$22,000.00	\$40,000.00	\$40,000.00	\$30,000.00		\$30,000.00	\$30,000.00	\$18,000.00	
	Mobilization	1	LS	\$175,000.00	\$175,000.00	\$40,000.00	\$40,000.00	\$125,000.00	\$125,000.00	\$200,000.00	\$200,000.00	\$80,395.00	\$80,395.00	\$193,000.00	\$193,000.00	\$169,000.00	\$169,000.00	\$240,000.00	\$240,000.00	\$194,400.00	
A-6	Traffic Control Devices	1,000	LS HRS	\$7,500.00 \$60.00	\$7,500.00 \$60,000.00	\$5,000.00 \$80.00	\$5,000.00 \$80,000.00	\$15,000.00 \$60.00	\$15,000.00 \$60,000.00	\$25,000.00 \$83.75	\$25,000.00 \$83,750.00	\$750.00 \$60.00	\$750.00 \$60,000.00	\$13,500.00		\$100,000.00 \$50.00	\$100,000.00 \$50,000.00	0 \$20,000.00 0 \$82.00	\$20,000.00	\$5,000.00 \$68.00	
A-7 A-8	Traffic Control Labor Uniformed Police Officer	50	HRS	\$120.00	\$6,000.00	\$120.00	\$6,000.00	\$120.00	\$6,000.00	\$120.00	\$6,000.00	\$125.00	\$6,250.00	\$120.00	\$6,000.00	\$120.00	\$6,000.00	0 \$145.00	\$7,250.00	\$130.00	
	Crushed Surfacing Top Course	4,000	TN	\$40.00	\$160,000.00	\$20.00	\$80,000.00	\$50.00	\$200,000.00	\$50.00	\$200,000.00	\$30.00	\$120,000.00	\$40.50		\$28.00	\$112,000.00	\$50.00	\$200,000.00	\$30.00	
	Crushed Surfacing Base Course	550	TN	\$40.00	\$22,000.00	\$20.00	\$11,000.00	\$60.00	\$33,000.00	\$50.00	\$27,500.00	\$38.00	\$20,900.00	\$66.00	\$36,300.00	\$28.00	\$15,400.00	0 \$48.00	\$26,400.00	\$50.00	
	HMA CL. 1/2" PG 58H-22 2" Pavement Grind	1,550 6,700	TN SY	\$160.00 \$25.00	\$248,000.00 \$167,500.00	\$190.00 \$5.00	\$294,500.00 \$33,500.00	\$150.00 \$6.00	\$232,500.00 \$40,200.00	\$128.75 \$1.34	\$199,562.50 \$8,978.00	\$150.00 \$5.00	\$232,500.00 \$33,500.00	\$166.00	\$257,300.00	\$180.00 \$5.50	\$279,000.00 \$36,850.00	0 \$145.00 0 \$4.50	\$224,750.00	\$136.00 \$6.00	
	Cap & Block Existing Main	2	EA	\$500.00	\$1,000.00	\$2,000.00	\$4,000.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$2,575.00		\$2,500.00	\$5,000.00	0 \$1,375.00	\$2,750.00	\$500.00	
A-14	Trench Safety	1	LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$600.00	\$600.00	\$4,700.00	\$4,700.00	\$5,000.00	\$5,000.00	\$3,450.00	\$3,450.00	\$10,000.00	
	12-in. Diam. D.I. Pipe & Fittings	4,325	LF	\$135.00	\$583,875.00	\$120.00	\$519,000.00	\$95.00	\$410,875.00	\$50.00	\$216,250.00	\$135.00	\$583,875.00	\$83.00		\$130.00		\$127.50	\$551,437.50	\$170.00	
	10-in. Diam. D.I. Pipe & Fittings	14	LF	\$135.00	\$1,890.00	\$85.00	\$1,190.00	\$85.00	\$1,190.00	\$100.00	\$1,400.00	\$200.00	\$2,800.00	\$69.00	\$966.00	\$115.00	\$1,610.00	9 \$236.50	\$3,311.00	\$300.00	
	8-in. Diam. D.I. Pipe & Fittings Additional Water Main Fittings (est - non contingent item)	10,000	LF LB	\$125.00 \$0.50	\$3,000.00 \$5,000.00	\$80.00 \$1.00	\$1,920.00 \$10,000.00	\$85.00 \$4.00	\$2,040.00 \$40,000.00	\$100.00 \$1.00	\$2,400.00 \$10,000.00	\$125.00 \$0.01	\$3,000.00 \$100.00	\$58.50	\$1,404.00 \$11,500.00	\$112.00 \$0.01	\$2,688.00 \$100.00	0 \$210.00 0 \$3.00	\$5,040.00	\$230.00 \$3.00	
	Connection to Existing Main	4	EA	\$4,000.00	\$16,000.00	\$7,000.00	\$28,000.00	\$6,000.00	\$24,000.00	\$10,000.00	\$40,000.00	\$6,000.00	\$24,000.00	\$5,600.00	\$22,400.00	\$7,500.00	\$30,000.00	\$8,000.00	\$32,000.00	\$15,000.00	
	1-in. Combination Air Release/Air Vacuum Valve Assembly	2	EA	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00	\$6,500.00	\$13,000.00	\$5,000.00	\$10,000.00	\$4,000.00	\$8,000.00	\$4,650.00	\$9,300.00	\$4,000.00	\$8,000.00		\$7,100.00	\$5,000.00	
	2-in. Blowoff Assembly 12-in. Gate Valve & Box	9	EA EA	\$3,000.00 \$2,800.00	\$3,000.00	\$5,000.00 \$2,000.00	\$5,000.00 \$18,000.00	\$4,800.00 \$3,500.00	\$4,800.00 \$31,500.00	\$5,000.00 \$1,500.00	\$5,000.00 \$13,500.00	\$3,000.00	\$3,000.00	\$5,400.00	\$5,400.00 \$47,250.00	\$4,000.00 \$3,000.00	\$4,000.00 \$27,000.00	0 \$4,950.00 0 \$4,900.00	\$4,950.00	\$5,000.00 \$3,200.00	
	12-in. Gate Valve & Box 8-in. Gate Valve & Box	1	EA EA	\$2,800.00	\$25,200.00	\$2,000.00	\$18,000.00	\$3,500.00	\$31,500.00	\$1,500.00	\$13,500.00	\$4,000.00	\$36,000.00	\$5,250.00	\$47,250.00	\$3,000.00	\$27,000.00			\$3,200.00	
	6-in. Gate Valve & Box	2	EA	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,600.00	\$3,200.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$2,175.00	\$4,350.00	\$1,100.00		\$2,100.00	\$4,200.00	\$1,500.00	
A-25	Remove Existing Valve Box	5	EA	\$500.00	\$2,500.00	\$300.00	\$1,500.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00	\$2,000.00	\$10,000.00	9435.00	\$2,175.00	\$600.00	
	Fire Hydrant Assembly	9	EA	\$7,500.00	\$67,500.00	\$6,000.00	\$54,000.00	\$7,000.00	\$63,000.00	\$10,000.00	\$90,000.00	\$8,000.00	\$72,000.00	\$6,800.00	\$61,200.00	\$9,000.00	\$81,000.00	\$9,400.00	\$84,600.00	\$8,000.00	
	Remove & Salvage Existing Fire Hydrant %-in. Water Service	7 17	EA EA	\$750.00 \$1,800.00	\$5,250.00 \$30,600.00	\$2,000.00	\$14,000.00 \$34,000.00	\$700.00 \$1,900.00	\$4,900.00 \$32,300.00	\$5,000.00 \$1,000.00	\$35,000.00 \$17,000.00	\$700.00 \$2,200.00	\$4,900.00	\$575.00	\$4,025.00	\$400.00 \$2,600.00	\$2,800.00 \$44,200.00	0 \$945.00 0 \$2,450.00	\$6,615.00	\$1,500.00 \$2,800.00	
A-29	1-in. Water Service	3	EA	\$1,800.00	\$5,400.00	\$2,500.00	\$7,500.00	\$2,000.00	\$6,000.00	\$1,200.00	\$3,600.00	\$2,400.00	\$7,200.00	\$2,600.00	\$7,800.00	\$3,000.00	\$9,000.00	0 \$2,925.00	\$8,775.00	\$3,000.00	
A-30	1½-in. Water Service	4	EA	\$2,800.00	\$11,200.00	\$4,000.00	\$16,000.00	\$3,800.00	\$15,200.00	\$1,500.00	\$6,000.00	\$6,500.00	\$26,000.00	\$4,600.00	\$18,400.00	\$6,000.00	\$24,000.00	\$4,500.00	\$18,000.00	\$5,000.00	
	2-in. Water Service	1	EA	\$3,800.00	\$3,800.00	\$5,000.00	\$5,000.00	\$5,200.00	\$5,200.00	\$2,000.00	\$2,000.00	\$7,500.00	\$7,500.00	\$5,300.00	\$5,300.00	\$7,000.00	\$7,000.00	\$5,400.00	\$5,400.00	\$7,000.00	
	Restoration and Cleanup Remove and Replace Concrete Curb & Gutter	1 120	LS LF	\$7,500.00 \$50.00	\$7,500.00 \$6,000.00	\$1,000.00 \$50.00	\$1,000.00 \$6,000.00	\$10,000.00 \$40.00	\$10,000.00 \$4,800.00	\$25,000.00 \$20.00	\$25,000.00 \$2,400.00	\$15,000.00 \$90.00	\$15,000.00 \$10,800.00	\$19,000.00	\$19,000.00 \$7,200.00	\$20,000.00 \$45.00	\$20,000.00	0 \$7,600.00 0 \$66.00	\$7,600.00	\$7,500.00 \$50.00	
A-34	Remove and Replace Concrete Sidewalk	130	SY	\$50.00	\$6,500.00	\$100.00	\$13,000.00	\$75.00	\$9,750.00	\$225.00	\$29,250.00	\$130.00	\$16,900.00	\$110.00	\$14,300.00	\$80.00	\$10,400.00	0 \$89.00	\$11,570.00	\$75.00	
A-35	Replace Asphalt Curb	500	LF	\$10.00	\$5,000.00	\$15.00	\$7,500.00	\$18.00	\$9,000.00	\$20.00	\$10,000.00	\$45.00	\$22,500.00	\$22.00	\$11,000.00	\$15.00	\$7,500.00	\$17.75	\$8,875.00	\$30.00	
	Replace Induction Loop Vehicle Detector	2	EA	\$1,200.00	\$2,400.00	\$1.00	\$2.00	\$3,000.00	\$6,000.00	\$3,437.50	\$6,875.00	\$3,500.00	\$7,000.00	\$3,050.00	\$6,100.00	\$2,750.00	\$5,500.00	\$3,150.00	\$6,300.00	\$3,000.00	
	Channelization and Pavement Markings HMA CL. 1/2" PG 58H-22 (Additive)	1 256	LS TN	\$10,000.00 \$150.00	\$10,000.00 \$38,400.00	\$5,000.00 \$190.00	\$5,000.00 \$48,640.00	\$18,000.00 \$150.00	\$18,000.00 \$38,400.00	\$47,373.75 \$128.75	\$47,373.75 \$32,960.00	\$40,000.00 \$150.00	\$40,000.00	\$42,000.00	\$42,000.00	\$25,000.00 \$180.00	\$25,000.00 \$46,080.00	0 \$16,650.00 \$145.00	\$16,650.00	\$20,000.00 \$136.00	
	2" Pavement Grind (Additive)	2,225	SY	\$25.00	\$55,625.00	\$5.00	\$11,125.00	\$130.00	\$13,350.00	\$1.34	\$2,981.50	\$5.00	\$11,125.00	\$4.00		\$5.50	\$12,237.50	0 \$5.50		\$6.00	
		•																			
	Construction Subtotal				\$1,744,615.00		\$1,391,612.00		\$1,518,105.00		\$1,455,883.00		\$1,588,870.00	<mark>)</mark>	\$1,599,445.00		\$1,777,498.00	<mark>0</mark>	\$1,850,773.50		\$1,896,520.00
Schodula	B: Sidewalk Improvements																				
	Unexpected Site Changes	1	FA	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
	Clearing and Grubbing	1	LS	\$3,500.00	\$3,500.00	\$15,000.00	\$15,000.00	\$8,000.00	\$8,000.00	\$25,000.00	\$25,000.00	\$12,000.00	\$12,000.00	\$75,000.00	\$75,000.00	\$30,000.00	\$30,000.00	\$2,717.02	\$2,717.02	\$24,600.00	
	Tree Removal Remove Concrete Curb and Gutter	30	EA LF	\$5,000.00 \$50.00	\$10,000.00 \$1,500.00	\$2,500.00 \$145.00	\$5,000.00 \$4,350.00	\$1,800.00 \$20.00	\$3,600.00 \$600.00	\$2,500.00 \$20.00	\$5,000.00 \$600.00	\$3,800.00 \$17.00	\$7,600.00 \$510.00	\$1,675.00	\$3,350.00	\$2,500.00 \$10.00	\$5,000.00 \$300.00	0 \$3,250.00 0 \$10.00	\$6,500.00	\$2,100.00 \$30.00	
B-5	Remove Concrete Sidewalk	16	SY	\$50.00	\$800.00	\$235.00	\$3,760.00	\$30.00	\$480.00	\$112.50	\$1,800.00	\$15.00	\$240.00	\$14.00	\$224.00	\$20.00	\$320.00	\$39.50	\$632.00	\$60.00	\$960.00
	Gravel Borrow, Incl. Haul  Roadway Excavation Incl. Haul*	250 200	TN CY	\$45.00 \$25.00	\$11,250.00 \$5,000.00	\$20.00 \$20.00	\$5,000.00 \$4,000.00	\$30.00 \$60.00	\$7,500.00 \$12,000.00	\$50.00 \$50.00	\$12,500.00 \$10,000.00	\$40.00 \$50.00	\$10,000.00 \$10,000.00	\$39.00	\$9,750.00	\$20.00 \$65.00	\$5,000.00 \$13,000.00	0 \$31.00 0 \$84.50	\$7,750.00	\$30.00 \$100.00	
B-8	Crushed Surfacing Base Course*	300	TN	\$40.00	\$12,000.00	\$20.00	\$6,000.00	\$60.00	\$12,000.00	\$50.00	\$15,000.00	\$45.00	\$10,000.00	\$48.00		\$28.00		0 \$55.00	\$16,500.00	\$50.00	\$15,000.00
	HMA CL. 1/2" PG 58H-22*	550	TN	\$160.00	\$88,000.00	\$190.00	\$104,500.00	\$150.00	\$82,500.00	\$128.75	\$70,812.50	\$150.00	\$82,500.00	\$166.00		\$180.00			\$77,000.00	\$136.00	
B-10 B-11	Adjust Existing Utility to Finished Grade Buffer Restoration	1	EA LS	\$500.00	\$1,000.00 \$8,500.00	\$2,000.00 \$5,000.00	\$4,000.00 \$5,000.00	\$600.00 \$20,000.00	\$1,200.00 \$20,000.00	\$500.00 \$25,000.00	\$1,000.00 \$25,000.00	\$500.00 \$25,000.00	\$1,000.00 \$25,000.00	\$575.00	\$1,150.00 \$19,700.00	\$450.00 \$30,000.00	\$900.00	0 \$650.00 0 \$25,000.00	\$1,300.00	\$600.00	
B-12	Cement Concrete Traffic Curb and Gutter	1100	LF	\$35.00	\$38,500.00	\$55.00	\$60,500.00	\$30.00	\$33,000.00	\$40.00	\$44,000.00	\$36.00	\$39,600.00	\$26.50	\$29,150.00	\$40.00	\$44,000.00	\$25.00	\$27,500.00	\$25.00	\$27,500.00
	Residential Driveway Cement Concrete Sidewalk	30 600	SY SY	\$45.00 \$45.00	\$1,350.00 \$27,000.00	\$340.00 \$85.00	\$10,200.00 \$51,000.00	\$100.00 \$70.00	\$3,000.00 \$42,000.00	\$112.50 \$112.50	\$3,375.00 \$67,500.00	\$100.00 \$65.00	\$3,000.00	\$103.00	\$3,090.00	\$130.00 \$100.00	\$3,900.00	0 \$190.00 0 \$55.00	\$5,700.00	\$115.00 \$75.00	
	Concrete Block Retaining Wall	700	LF	\$45.00	\$27,000.00	\$160.00	\$112,000.00	\$55.00	\$38,500.00	\$112.50	\$91,441.00	\$58.00	\$40,600.00	\$130.00		\$100.00			\$96,600.00	\$65.00	
	Construction Subtotal				\$254,400.00		\$415,310.00		\$295,380.00		\$398,028.50		\$309,550.00		\$410,439.00		\$387,820.00	0	\$342,399.02		\$320,610.00
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	C: Drainage Improvements Unexpected Site Changes	1	FA	\$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	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
C-2	Remove Culvert	1	LS	\$1,200.00	\$1,200.00	\$3,750.00	\$3,750.00	\$1,500.00	\$1,500.00	\$15,000.00	\$15,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00
	Drainage Rock	250	TN	\$35.00	\$8,750.00	\$55.00	\$13,750.00	\$50.00	\$12,500.00	\$50.00	\$12,500.00	\$32.00	\$8,000.00	\$54.00		\$10.00			\$15,000.00	\$30.00	
C-4	Corrugated Polyethylene (CPEP) Storm Sewer Pipe, 12-In. Diam.	60	LF	\$120.00	\$7,200.00	\$75.00	\$4,500.00	\$50.00	\$3,000.00	\$100.00	\$6,000.00	\$125.00	\$7,500.00	\$122.00	\$7,320.00	\$225.00	\$13,500.00	\$170.00	\$10,200.00	\$60.00	\$3,600.00
	Catch basin Type 1	1	EA	\$3,800.00	\$3,800.00	\$6,000.00	\$6,000.00	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00	\$1,900.00	\$1,900.00			\$10,000.00			\$1,750.00	\$1,800.00	
	Connection to Ex. Main	1	EA	\$3,000.00	\$3,000.00	\$4,000.00	' '	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00			\$6,000.00				\$1,200.00	
	Construction Subtotal				\$28,950.00		\$37,000.00		\$24,300.00		\$42,000.00		\$27,900.00	0	\$31,345.00		\$39,500.00	0	\$35,400.00		\$25,100.00
		Constant	tion Tatal		¢2 027 055 00		Ć1 042 022 02		Ć1 927 70F 00		Ć1 90E 011 E0		¢1 020 220 01		62.044.220.00		¢2 204 040 04		¢2 220 572 57		<u> </u>
Construction Tota 10.1% Washington State Sales Tax (schedule A only					\$2,027,965.00 \$176,206.12		\$1,843,922.00 \$140,552.81		\$1,837,785.00 \$153,328.61		\$1,895,911.50 \$147,044.18		\$1,926,320.00 \$160,475.83		\$2,041,229.00 \$161,543.95		\$2,204,818.00 \$179,527.30		\$2,228,572.52 \$186,928.12		\$2,242,230.00 \$191,548.52
Project Total					\$2,204,171.12		\$1,984,474.81		\$1,991,113.61		\$2,042,955.68		\$2,086,795.87		\$2,202,772.95		\$2,384,345.30	<u> </u>	\$2,415,500.64		\$2,433,778.52