



Opening Date: June 13, 2023

Specification Title: Wastewater and Stormwater Sewer Improvement: LID 3971, E C St, and E 48th St.

[illegible]

WW & SW Sewer Improvements - LID 3971, E C St & E 48th St
ES23-0056F
Bid Opening: 6/13/2023

				ENGINEER'S ESTIMATE		R.L. Alia Company, WA		Renton,	Pape & Sons Construction, Inc. Harbor, WA	Gig	Rodarte Construction, Inc. WA	Auburn,	Reed Trucking & Excavating, Inc. Puyallup, WA	Northwest Cascade, Inc. WA	Puyallup,	Active Construction, Inc. WA	Tacoma,
Item	Description	Unit	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Schedule A - Roadway																	
R1	Project Red Line Drawings	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00
R2	SPCC Plan	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
R3	Mobilization	LS	1	\$65,000.00	\$65,000.00	\$60,000.00	\$60,000.00	\$75,000.00	\$75,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$50,000.00	\$98,000.00	\$98,000.00	\$100,000.00
R4	Protect Temporary Traffic Control	LS	1	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$75,000.00	\$75,000.00	\$32,000.00	\$130,639.00
R5	Cleaning and Grubbing	LS	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$6,500.00	\$6,500.00	\$3,000.00	\$3,000.00	\$8,500.00	\$8,500.00	\$80,000.00	\$80,000.00	\$6,400.00	\$6,400.00
R6	Stormwater Pollution Prevention Plan (SWPPP)	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$1,250.00	\$1,250.00	\$250.00	\$250.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$500.00	\$500.00
R7	NPDES Construction Stormwater General Permit	LS	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$150.00	\$150.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
R8	Erosion/Water Pollution Control	FA	1	\$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
R9	Landscape Restoration	FA	1	\$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
	Subtotal (w/o Mob)				\$32,000.00		\$40,500.00		\$41,250.00		\$109,500.00		\$97,000.00		\$130,500.00		\$149,039.00
	Base Bid				\$97,000.00		\$100,500.00		\$116,250.00		\$179,500.00		\$147,000.00		\$228,039.00		\$249,039.00
	Total (w/o Tax)				\$97,000.00		\$100,500.00		\$116,250.00		\$179,500.00		\$147,000.00		\$228,039.00		\$249,039.00
Schedule B - Stormwater																	
S10	Roadway Excavation, Incl. Haul	CY	80	\$45.00	\$3,600.00	\$100.00	\$8,000.00	\$55.00	\$4,400.00	\$55.00	\$4,400.00	\$70.00	\$5,600.00	\$42.00	\$3,360.00	\$260.00	\$20,800.00
S11	Structure Excavation Class B	CY	270	\$15.00	\$4,050.00	\$50.00	\$13,500.00	\$12.00	\$3,240.00	\$55.00	\$14,850.00	\$1.00	\$270.00	\$9.00	\$2,430.00	\$5.50	\$1,485.00
S12	Shoring or Extra Excavation Class B	SF	1,775	\$1.00	\$1,775.00	\$1.00	\$1,775.00	\$1.30	\$2,307.50	\$1.00	\$1,775.00	\$1.00	\$1,775.00	\$0.50	\$887.50	\$2.00	\$3,550.00
S13	Remove Existing Pavement, Type II, Class A4	SY	330	\$10.00	\$3,300.00	\$10.00	\$3,300.00	\$19.00	\$6,270.00	\$15.00	\$4,950.00	\$10.00	\$3,300.00	\$6.50	\$2,145.00	\$28.00	\$9,240.00
S14	Crushed Surfacing Top Course	TN	145	\$60.00	\$8,700.00	\$120.00	\$17,400.00	\$42.00	\$6,090.00	\$55.00	\$7,975.00	\$60.00	\$8,700.00	\$60.00	\$8,700.00	\$7,250.00	\$14,065.00
S15	HMA CI, 1/2" PG 58H-22	TN	90	\$140.00	\$12,600.00	\$160.00	\$14,400.00	\$175.00	\$15,750.00	\$170.00	\$15,300.00	\$145.00	\$13,050.00	\$162.00	\$14,580.00	\$145.00	\$13,050.00
S16	Manhole 48-In. Diam. Type 1	EA	2	\$5,000.00	\$10,000.00	\$3,500.00	\$7,000.00	\$7,800.00	\$15,600.00	\$4,500.00	\$9,000.00	\$4,200.00	\$8,400.00	\$4,750.00	\$9,500.00	\$5,700.00	\$11,400.00
S17	Catch Basin Type 1	EA	3	\$2,000.00	\$6,000.00	\$2,200.00	\$6,600.00	\$4,500.00	\$13,500.00	\$2,400.00	\$7,200.00	\$2,200.00	\$6,600.00	\$1,950.00	\$5,850.00	\$2,550.00	\$7,650.00
S18	Adjust Existing Manhole	EA	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$975.00	\$975.00	\$800.00	\$800.00	\$750.00	\$750.00	\$650.00	\$650.00	\$820.00	\$820.00
S19	Adjust Existing Catch Basin	EA	1	\$800.00	\$800.00	\$800.00	\$800.00	\$650.00	\$650.00	\$800.00	\$800.00	\$500.00	\$500.00	\$650.00	\$650.00	\$530.00	\$530.00
S20	Connect New Sewer Pipe 12-In. Diam. To Existing Structure	EA	1	\$2,500.00	\$2,500.00	\$800.00	\$800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00	\$5,700.00	\$5,700.00	\$4,900.00	\$4,900.00
S21	Temporary Storm Sewer Bypass Plan	LS	1	\$500.00	\$500.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$500.00	\$500.00
S22	Temporary Storm Sewer Bypass	LS	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,800.00	\$1,800.00	\$3,500.00	\$3,500.00	\$7,500.00	\$7,500.00	\$3,200.00	\$3,200.00	\$4,500.00	\$4,500.00
S23	PVC Storm Sewer Pipe 12-In. Diam.	LF	300	\$120.00	\$36,000.00	\$150.00	\$45,000.00	\$120.00	\$36,000.00	\$95.00	\$28,500.00	\$78.00	\$23,400.00	\$73.00	\$21,900.00	\$165.00	\$49,500.00
S24	Removal and Replacement of Unsuitable Material	CY	190	\$60.00	\$11,400.00	\$0.10	\$19.00	\$68.00	\$12,920.00	\$75.00	\$14,250.00	\$70.00	\$13,300.00	\$80.00	\$15,200.00	\$40.00	\$7,600.00
S25	Testing Sewer Pipe	LF	300	\$5.00	\$1,500.00	\$3.00	\$900.00	\$9.00	\$2,700.00	\$7.00	\$2,100.00	\$5.00	\$1,500.00	\$2.00	\$600.00	\$5.00	\$1,500.00
S26	Soil Amendment Option 4	CY	2	\$70.00	\$140.00	\$500.00	\$1,000.00	\$97.50	\$195.00	\$170.00	\$340.00	\$65.00	\$130.00	\$85.00	\$170.00	\$80.00	\$160.00
S27	Seeded Lawn Installation	SY	10	\$2.00	\$20.00	\$100.00	\$1,000.00	\$5.00	\$50.00	\$25.00	\$250.00	\$5.00	\$50.00	\$2.00	\$20.00	\$2.00	\$20.00
	Base Bid					\$104,685.00	\$125,994.00		\$125,247.50		\$118,400.00		\$97,025.00		\$94,592.50		\$150,670.00
	Total (w/o Tax)					\$104,685.00	\$125,994.00		\$125,247.50		\$118,400.00		\$97,025.00		\$94,592.50		\$150,670.00
Schedule C - Wastewater																	
WW28	Roadway Excavation, Incl. Haul	CY	240	\$45.00	\$10,800.00	\$55.00	\$13,200.00	\$53.00	\$12,720.00	\$55.00	\$13,200.00	\$70.00	\$16,800.00	\$40.00	\$9,600.00	\$88.00	\$21,120.00
WW29	Structure Excavation Class B	CY	2,185	\$15.00	\$32,775.00	\$50.00	\$109,250.00	\$12.00	\$26,220.00	\$35.00	\$76,475.00	\$1.00	\$2,185.00	\$9.00	\$19,665.00	\$3.00	\$6,555.00
WW30	Shoring or Extra Excavation Class B	SF	11,160	\$1.00	\$11,160.00	\$1.00	\$11,160.00	\$1.25	\$13,950.00	\$0.25	\$2,790.00	\$2.00	\$22,320.00	\$0.50	\$5,580.00	\$0.70	\$7,812.00
WW31	Remove Existing Pavement, Type II, Class A4	SY	825	\$10.00	\$8,250.00	\$10.00	\$8,250.00	\$20.00	\$16,500.00	\$15.00	\$12,375.00	\$10.00	\$8,250.00	\$6.50	\$5,362.50	\$33.00	\$27,225.00
WW32	Remove Existing Pavement, Type II, Class C6	SY	70	\$15.00	\$1,050.00	\$40.00	\$2,800.00	\$25.00	\$1,750.00	\$15.00	\$1,050.00	\$30.00	\$2,100.00	\$13.50	\$945.00	\$46.00	\$3,220.00
WW33	Remove Curb and Gutter	LF	110	\$10.00	\$1,100.00	\$6.00	\$660.00	\$8.50	\$935.00	\$15.00	\$1,650.00	\$10.00	\$1,100.00	\$6.50	\$715.00	\$14.00	\$1,540.00
WW34	Crushed Surfacing Top Course	TN	370	\$60.00	\$22,200.00	\$62.00	\$22,940.00	\$40.50	\$14,985.00	\$55.00	\$20,350.00	\$60.00	\$22,200.00	\$45.00	\$16,650.00	\$60.00	\$22,200.00
WW35	HMA CI, 1/2" PG 58H-22	TN	230	\$140.00	\$32,200.00	\$160.00	\$36,800.00	\$170.00	\$39,100.00	\$170.00	\$39,100.00	\$145.00	\$33,350.00	\$162.00	\$37,260.00	\$142.00	\$32,660.00
WW36	Temporary Pavement Patch	TN	50	\$100.00	\$5,000.00	\$120.00	\$6,000.00	\$175.00	\$8,750.00	\$150.00	\$7,500.00	\$220.00	\$11,000.00	\$180.00	\$9,000.00	\$285.00	\$14,250.00
WW37	Pavement Repair Excavation, Incl. Haul	SY	20	\$100.00	\$2,000.00	\$80.00	\$1,600.00	\$325.00	\$6,500.00	\$75.00	\$1,500.00	\$100.00	\$2,000.00	\$26.00	\$520.00	\$280.00	\$5,600.00
WW38	Manhole 48-In. Diam. Type 1	EA	4	\$5,000.00	\$20,000.00	\$5,800.00	\$23,200.00	\$10,000.00	\$40,000.00	\$8,000.00	\$32,000.00	\$7,500.00	\$30,000.00	\$6,250.00	\$25,000.00	\$11,400.00	\$45,600.00
WW39	Manhole Additional Height 48-In. Diam. Type 1	LF	2	\$150.00	\$300.00	\$250.00	\$500.00	\$5,000.00	\$10,000.00	\$25.00	\$50.00	\$125.00	\$250.00	\$350.00	\$700.00	\$550.00	\$1,100.00
WW40	Adjust Existing Manhole	EA	1	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$900.00	\$900.00	\$800.00	\$800.00	\$750.00	\$750.00	\$600.00	\$600.00	\$925.00	\$925.00
WW41	Adjust Existing Catch Basin	EA	2	\$800.00	\$1,600.00	\$800.00	\$1,600.00	\$750.00	\$1,500.00	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$340.00	\$680.00
WW42	Connect New Sewer Pipe 8-In. Diam. To Existing Structure	EA	1	\$2,000.00	\$2,000.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$6,500.00	\$6,500.00	\$5,100.00	\$5,100.00
WW43	Underground Utility Potholing	EA	1	\$600.00	\$600.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$2,500.00	\$2,500.00
WW44	Temporary Sanitary Sewer Bypass Plan	LS	1	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$500.00	\$500.00
WW45	Temporary Sanitary Sewer Bypass	LS	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$2,700.00	\$2,700.00	\$4,000.00	\$4,000.00	\$18,000.00	\$18,000.00	\$4,500.00	\$4,500.00	\$28,000.00	\$28,000.00
WW46	PVC Sanitary Sewer Pipe 8-In. Diam.	LF	275	\$180.00	\$49,500.00	\$190.00	\$52,300.00	\$97.00	\$26,675.00	\$75.00	\$20,625.00	\$200.00	\$55,000.00	\$92.00	\$25,300.00	\$140.00	\$38,500.00
WW47	PVC Sanitary Sewer Pipe 8-In. Diam.	LF	675	\$120.00	\$81,000.00	\$96.00	\$64,800.00	\$120.00	\$81,000.00	\$105.00	\$70,875.00	\$150.00	\$101,250.00	\$126.00	\$85,050.00	\$226.00	\$152,550.00
WW48	Removal and Replacement of Unsuitable Material	CY	1,960	\$60.00	\$117,600.00	\$0.10	\$196.00	\$65.00	\$127,400.00	\$70.00	\$137,200.00	\$73.00	\$143,080.00	\$70.00	\$138,760.00	\$81.00	\$158,760.00
WW49																	