

				ENGINEER'S ESTIMATE		Pape & Sons Construcion, Inc.		Northwest Cascade, Inc.	
				#1 BIDDER		#2 BIDDER			
				Bid Bond:	5%	Bid Bond:	5%	Bid Bond:	5%
Item	Description	Unit	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
WATER MAIN REPLACEMENT PROJECT MRP 2017-22									
1	Mobilization (1-09.7)	LS	1	\$ 41,000.00	\$ 41,000.00	\$22,000.00	\$22,000.00	\$56,000.00	\$56,000.00
2	Project Temporary Traffic Control. (See Special Provisions) (1-10)	LS	1	\$ 25,000.00	\$ 25,000.00	\$8,000.00	\$8,000.00	\$33,000.00	\$33,000.00
3	Removal and disposal of existing pavement, sidewalks, curbs, and gutters includes all thicknesses & combinations (2-02)	SY	389	\$ 20.00	\$ 7,780.00	\$12.00	\$4,668.00	\$25.00	\$9,725.00
4	Trench Excavation & Disposal, including haul (7-09.3(7))	CY	1622	\$ 25.00	\$ 40,550.00	\$36.00	\$58,392.00	\$23.00	\$37,306.00
5	Temporary HMA Class ½" PG64-22, 3-inch minimum depth, installed & removed (5-04 & 9-03.8)	SY	195	\$ 30.00	\$ 5,850.00	\$36.00	\$7,020.00	\$28.00	\$5,460.00
6	HMA CI ½", PG64-22 for Pavement Patch (5-04 & 9-03.8)	TN	89	\$ 130.00	\$ 11,570.00	\$375.00	\$33,375.00	\$170.00	\$15,130.00
7	Trench Shoring. (7-09.3(7))	LF	3030	\$ 1.00	\$ 3,030.00	\$1.00	\$3,030.00	\$2.00	\$6,060.00
8	Crushed Surfacing Top Course for trench backfill per Section 9-03.9(3) of the 2016 WSDOT Standard Specifications, shoulder restoration, and as directed by the Inspector (9-03.9(3))	TN	2517	\$ 25.00	\$ 62,925.00	\$30.00	\$75,510.00	\$27.00	\$67,959.00
9	Trench Compaction Test (as directed by the Inspector) (7-09.3(11))	EA	64	\$ 175.00	\$ 11,200.00	\$250.00	\$16,000.00	\$55.00	\$3,520.00
10	8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, to furnish, lay and test (7-09.3(15)A, 9-30.1(1), 9-30.2(6))	LF	2667	\$ 55.00	\$ 146,685.00	\$55.00	\$146,685.00	\$47.00	\$125,349.00
11	6-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, to furnish, lay and test (7-09.3(15)A, 9-30.1(1), 9-30.2(6))	LF	40	\$ 45.00	\$ 1,800.00	\$17.00	\$680.00	\$40.00	\$1,600.00
12	4-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, to furnish, lay and test (7-09.3(15)A, 9-30.1(1), 9-30.2(6))	LF	323	\$ 35.00	\$ 11,305.00	\$48.00	\$15,504.00	\$45.00	\$14,535.00
13	8-inch x 6-inch Ductile Iron Tee, 3-B, M.J., installed (9-30.2(1))	EA	5	\$ 400.00	\$ 2,000.00	\$205.00	\$1,025.00	\$455.00	\$2,275.00
14	8-inch x 4-inch Ductile Iron Tee, 3-B, M.J., installed (9-30.2(1))	EA	1	\$ 400.00	\$ 400.00	\$205.00	\$205.00	\$450.00	\$450.00
15	8-inch Ductile Iron Ell, 45°, M.J., installed (9-30.2(1))	EA	1	\$ 400.00	\$ 400.00	\$155.00	\$155.00	\$320.00	\$320.00
16	8-inch Ductile Iron Ell, 22.5°, M.J., installed (9-30.2(1))	EA	4	\$ 400.00	\$ 1,600.00	\$155.00	\$620.00	\$315.00	\$1,260.00
17	8-inch Ductile Iron Ell, 11.25°, M.J., installed (9-30.2(1))	EA	4	\$ 400.00	\$ 1,600.00	\$145.00	\$580.00	\$310.00	\$1,240.00
18	4-inch Ductile Iron Ell, 22.5°, M.J., installed (9-30.2(1))	EA	1	\$ 175.00	\$ 175.00	\$80.00	\$80.00	\$245.00	\$245.00
19	4-inch Ductile Iron Ell, 11.25°, M.J., installed (9-30.2(1))	EA	4	\$ 175.00	\$ 700.00	\$75.00	\$300.00	\$240.00	\$960.00
20	8-inch Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7-09, & 9-30.2(1))	EA	1	\$ 400.00	\$ 400.00	\$185.00	\$185.00	\$350.00	\$350.00
21	4-inch Ductile Iron Cap, M.J., tapped 2", installed (7-09, & 9-30.2(1))	EA	1	\$ 150.00	\$ 150.00	\$60.00	\$60.00	\$550.00	\$550.00
22	4-inch End Cap Coupling, tapped 2-inch, with 7-inch center ring, epoxy coating & stainless steel bolts, CI (7-09.5 & 9-30.2(7))	EA	1	\$ 400.00	\$ 400.00	\$2,000.00	\$2,000.00	\$750.00	\$750.00

				ENGINEER'S ESTIMATE		Pape & Sons Construcion, Inc.		Northwest Cascade, Inc.	
				Bid Bond: 5%		#1 BIDDER		#2 BIDDER	
Item	Description	Unit	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
23	2-inch Blow-Off Assembly, installed (Dwg. 17-56-1) & (7-09.3(22))	EA	2	\$ 800.00	\$ 1,600.00	\$1,750.00	\$3,500.00	\$1,650.00	\$3,300.00
24	6-inch Mechanical Joint Restraining Glands, installed (7-14 & 9-30.2(6))	EA	20	\$ 75.00	\$ 1,500.00	\$45.00	\$900.00	\$135.00	\$2,700.00
25	Test Holes (See Special Provisions) (7-09.3(6))	LS	1	\$ 5,000.00	\$ 5,000.00	\$1,650.00	\$1,650.00	\$56,000.00	\$56,000.00
26	12-inch x 8-inch Tapping Sleeve. installed (7-09 & 9-30.3)	EA	1	\$ 2,500.00	\$ 2,500.00	\$6,200.00	\$6,200.00	\$7,750.00	\$7,750.00
27	8-inch Tapping Sleeve. installed (7-09 & 9-30.3)	EA	1	\$ 2,000.00	\$ 2,000.00	\$5,500.00	\$5,500.00	\$7,250.00	\$7,250.00
28	8-inch Tapping Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box. installed (7-12 & 9-30.3)	EA	2	\$ 2,500.00	\$ 5,000.00	\$450.00	\$900.00	\$2,850.00	\$5,700.00
29	8-inch Gate Valve, M.J., ANSI/AWWA, C509/C515, with C.I. Valve Box. (7-12 & 9-30.3)	EA	4	\$ 2,500.00	\$ 10,000.00	\$1,300.00	\$5,200.00	\$2,200.00	\$8,800.00
30	6-inch Gate Valve, M.J., ANSI/AWWA, C509/C515, with C.I. Valve Box. (7-12 & 9-30.3)	EA	5	\$ 1,600.00	\$ 8,000.00	\$1,200.00	\$6,000.00	\$1,700.00	\$8,500.00
31	4-inch Gate Valve, M.J., ANSI/AWWA, C509/C515, with C.I. Valve Box. (7-12 & 9-30.3)	EA	1	\$ 1,200.00	\$ 1,200.00	\$1,100.00	\$1,100.00	\$1,575.00	\$1,575.00
32	6-inch Hydrant, M.J., 4 1/2-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Connect Coupling (7-14 & 9-30.5(2))	EA	5	\$ 4,000.00	\$ 20,000.00	\$4,300.00	\$21,500.00	\$3,700.00	\$18,500.00
33	Concrete Thrust Anchor, installed (7-09.3(21))	EA	19	\$ 250.00	\$ 4,750.00	\$50.00	\$950.00	\$300.00	\$5,700.00
34	Storm, Sanitary, and Side Sewer Restoration (7-04, 7-17, & 7-18)	EA	1	\$ 750.00	\$ 750.00	\$500.00	\$500.00	\$200.00	\$200.00
35	Asbestos cement Pipe removal and disposal plan (7-09)	LS	1	\$ 500.00	\$ 500.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00
36	Removal and disposal of abandoned AC pipe all sizes (7-09.3)	LF	5	\$ 500.00	\$ 2,500.00	\$30.00	\$150.00	\$350.00	\$1,750.00
37	Street cleaning with powered sweeper and vacuum equipment. (8-01.4)	HR	31	\$ 150.00	\$ 4,650.00	\$195.00	\$6,045.00	\$155.00	\$4,805.00
38	Dewatering Plan (8-01)	LS	1	\$ 500.00	\$ 500.00	\$500.00	\$500.00	\$250.00	\$250.00
39	Stormwater Pollution Prevention Plan (SWPPP)*, (8-01.3(1A))	LS	1	\$ 500.00	\$ 500.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00
40	SPCC Plan (1-07.15(1))	LS	1	\$ 500.00	\$ 500.00	\$1,000.00	\$1,000.00	\$250.00	\$250.00
41	Erosion and Sediment Control (ESC) Specialist (8-01)	LS	1	\$ 500.00	\$ 500.00	\$3,800.00	\$3,800.00	\$1,500.00	\$1,500.00
42	Force Account - Erosion/Water Pollution Control (1-09.6 & 8-01)	EST	1	\$ 5,000.00	\$ 5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
43	Force Account (1-09.6)	EST	1	\$ 40,000.00	\$ 40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
WATER MAIN REPLACEMENT PROJECT MRP 2017-22									
	Base Bid				\$ 493,470.00		\$ 509,369.00		\$ 565,824.00
	9.3% Sales Tax				\$45,892.71		\$47,371.32		\$52,621.63
	Water Main Replacement Total				\$539,362.71		\$556,740.32		\$618,445.63