No.     Description   Unit   Description   Unit   Description   Unit   Price   Amount   Unit Price   Amount					Ī .				Pape & Son	s Construcion, Inc.	Northwest Cascade, Inc.	
Description					ENGINEER'S ESTIMATE			STIMATE				
WASTERNAM REPLACEMENT PROJECT VIRE 2017.22   1   5   41,000.00   \$22,000.00   \$32,000.00   \$56							5%					5%
Modellareten (1-92 P)					_	Jnit Price		Amount	Unit Price	Amount	Unit Price	Amount
Personal professional formation   Personal professional   Personal professio												
2 (See Special Provision) (1-10) (S. 1 S. 25,000.00 S. 25,000.00 S. 38,000.00 S. 33,000.00 S. 34,000.00 S. 34	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
Removal and disposal of relating pawrents, stephonics, and gusters includes all thicknesses & combinations (2,02)   September 1,000   Se		Project Temporary Traffic Control.										
Removal and disposal of existing powerners, identifications as in the composition of th	2	(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
Dovernent, isdewalks, curtes, and gutters includes all histoknesses & SY		Removal and disposal of existing			Ψ	20,000.00	Ψ	20,000.00	φο,σσσ.σσ	φο,οσοίοσ	ψοσισσίου	φοσισσίου
3   Combinations (2,02)   SY   389   S   2000   S   7,780.00   S12,00   S4,688.00   S25,00   S97,25.00   S97,20.00   S97,20.												
Trench Excavation & Disposal,   CV   1622   S   25.00   S   40.550.00   \$36.00   \$563.92.00   \$37.306.00		gutters includes all thicknesses &										
Including halful (7-09.3(7))	3		SY	389	\$	20.00	\$	7,780.00	\$12.00	\$4,668.00	\$25.00	\$9,725.00
Temporary HAN Class Si/ PG64-   22, 3-in-h minimum depth,			<b>6</b> 17		١,		_		4			
22, 3-inch minimum depth, installed is ermoved (5-04 & 9 SY 195 S 30.00 S 5.850.00 S)  10 381 removed (5-04 & 9 SY 195 S 30.00 S 5.850.00 S)  11 570 00 S 533.375.00 S 170.00 S 151.00	4		CY	1622	\$	25.00	\$	40,550.00	\$36.00	\$58,392.00	\$23.00	\$37,306.00
Installed & removed (C-04 & 9 - C)   Col. 18												
5 0 8.8   SY 196 \$ 3.00 \$ 5.850.00 \$38.00 \$7.020.00 \$28.00 \$5.480.00 \$4.00 \$1.												
HMA Cl 15", PG64-22 for   Pavement Petch (504 & 9-03.8)	5		SY	195	\$	30.00	\$	5,850.00	\$36.00	\$7,020.00	\$28.00	\$5,460.00
7. Trench Shorting (7-09-3(7)). LF 3030 \$ 1.00 \$ 3.030.00 \$1.00 \$3.030.00 \$2.00 \$8.660.00 \$2.00 \$3.030.00 \$2.00 \$8.660.00 \$2.0		HMA Cl ½", PG64-22 for										
Crushed Surfacing Top Course for Islanch Backfill per Section 9- Standard Specifications, shoulder estoration, and as directed by the Inspector (PG-93 (3)) Trench Compaction Test (as directed by the Inspector (PG-93 (3)) Trench Compaction Test (as directed by the Inspector (PG-93 (3)) Trench Compaction Test (as directed by the Inspector (PG-93 (3)) Sendo Ducelle from Pipe, Push-On Joint, ANSI/AWWA, C151; Special Thickness Class No. 52, to Inspector (PG-94 (3)) Thickness Class No. 52, to Inspector (PG-94 (3)) Inspector (PG-	6	Pavement Patch (5-04 & 9-03.8)		89	\$		¥		\$375.00	\$33,375.00		
trench backfill per Section 9.03.9(3) of the 2016 WSDOT Standard Spacifications, 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 \$17,000,000 \$17,000 \$17,000 \$17,000 \$17,000,000 \$17,000 \$1	7	Trench Shoring. (7-09.3(7))	LF	3030	\$	1.00	\$	3,030.00	\$1.00	\$3,030.00	\$2.00	\$6,060.00
trench backfill per Section 9.03.9(3) of the 2016 WSDOT Standard Spacifications, 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 \$17,000,000 \$17,000 \$17,000 \$17,000 \$17,000,000 \$17,000 \$1		Crushed Surfacing Top Course for										
Standard Specifications, shoulder restoration, and as directed by the Inspector (9-03.9(3))  The Compaction Test (as directed by the Inspector) (7-09.1(11))  Since Description (19.00)												
restoration, and as directed by the Inspector (9-03.9/3)   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as directed by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compaction Test (as defined by the Inspector) (7-09.24(1))   Trench Compacting (7-09.24(1))   Trench Compacting (7-09.24(1))   Trench Compacting (7-09.24(1))   Trench Compacting (7-09.24(1))   Trench Comp		03.9(3) of the 2016 WSDOT										
8 Inspector (9-03-93)) True 2517 \$ 25.00 \$ 62.925.00 \$30.00 \$75.510.00 \$27.00 \$67.959.00 Trench Compaction Test (as directed by the Inspector) (7- 9 (93-11)) Sinch Ducalle Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWA, C151, Special Thickness Class No. 52, 10 Inspire Iron Pipe, Push-On Joint, ANSI/AWA, C151, Special Thickness Class No. 5												
Trench Compaction Test (as directed by the Inspector) (7- 9 (0.9.311) Selected by the Inspector) (7- 10 (0.9.311) Selected by and test (7-9.3(15)A, LF 10 (0.9.3011) Selected by the Inspector (1- 10 (0.9.3011) Selected by and test (7-9.3(15)A, LF 11 (0.9.3016) Selected by and test (7-9.3(15)A, LF 12 (0.9.3011) Selected by and test (7-9.3(15)A, LF 13 (0.9.3011) Selected by and test (7-9.3(15)A, LF 14 (0.9.3011) Selected by and test (7-9.3(15)A, LF 15 (0.9.3011) Selected by an Installed (9-30.2(1)) Selected by an Installed (9-30.2(1)) Selected by an Installed (9-30.2(1)) Selected by a Selected by an Installed (9-30.2(1)) Selected by a Selected by Alexander (1- 10 (0.9.3011) Selected by a Selected by a Selected by a Selected by a Selected by Alexander (1- 10 (0.9.3011) Selected by a Selected by a Selected by a Selected by Alexander (1- 10 (0.9.3011) Selected by a Selected by a Selected by a Selected by a Selected by Alexander (1- 10 (0.9.3011) Selected by a Selected by Alexander (1- 10 (0.9.3011) Selected by a Selected by Alexander (1- 10 (0.9.3011) Selected by Alexander (1												
Trench Compaction Test (as directed by the Inspector) (7-   9	8	Inspector (9-03.9(3))	TN	2517	\$	25.00	\$	62,925.00	\$30.00	\$75,510.00	\$27.00	\$67,959.00
9   93(11)   EA   64   \$ 175.00   \$ 11,200.00   \$250.00   \$16,000.00   \$55.00   \$3,520.00		Trench Compaction Test (as						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, .,	,	, , , , , , , , , , , , , , , , , , , ,
Binch Duttile Iron Pipe, Push-On Joint, ANSI/AWWA (151, Special Thickness Class No. 52, 10   LF   2667   \$ 55.00   \$ 146,685.00   \$55.00   \$ \$146,685.00   \$47.00   \$ \$125,349.00   \$ \$100, 10   \$ \$90.3(1), 9-30.2(6)   LF   2667   \$ 55.00   \$ 146,685.00   \$55.00   \$ \$146,685.00   \$47.00   \$ \$125,349.00   \$ \$100, 10		directed by the Inspector) (7-										
Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, to turnish, lay and test (7-99.3(15)A, 9-30.1(1), 9-30.2(9))	9		EA	64	\$	175.00	\$	11,200.00	\$250.00	\$16,000.00	\$55.00	\$3,520.00
Thickness Class No. 52, 10  10  9-30.1(1), 9-30.2(5),												
Turnish, lay and test (7-09.3(15)A,   LF   2667   \$ 55.00   \$ 146,685.00   \$\$146,685.00   \$\$47.00   \$\$125,349.00   \$\$145,085.00   \$\$146,685.00   \$\$47.00   \$\$125,349.00   \$\$1600.00   \$\$1600.00   \$\$1600.00   \$\$1600.00   \$\$17.00   \$\$680.00   \$\$40.00   \$\$1600.												
10   9-30.1(1), 9-30.2(6)   LF   2667   \$ 5.5.00   \$ 146,685.00   \$55.00   \$146,685.00   \$47.00   \$125,349.00												
Finch Ductile Iron Pipe, Push-On   Joint, ANS/AWWA, C151, Special   Thickness Class No. 52, to   LF   40   \$ 45.00   \$ 1,800.00   \$17.00   \$680.00   \$40.00   \$1,600.00   \$40.0	10		1 E	2667	¢	55.00	¢	146 685 00	\$55.00	\$146 685 00	\$47.00	\$125 349 00
Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 furnish, lay and test (7-09.3(15)A, 9-30.1(1), 9-30.2(6))  4-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Thickness Class No. 52, 10 furnish, lay and test (7-09.3(15)A, 9-30.1(1), 9-30.2(6))  B-inch K G-inch Ductile Iron Tee, 3-13 B, M.J., installed (9-30.2(1))  B-inch X 4-inch Ductile Iron Tee, 3-14 B, M.J., installed (9-30.2(1))  B-inch Ductile Iron Eli, 22.5°, M.J., 16 installed (9-30.2(1))  B-inch Ductile Iron Eli, 12.5°, M.J., and the minimum of the minim				2001	Ψ	33.00	Ψ	140,000.00	φ33.00	ψ140,000.00	φ47.00	ψ123,343.00
Thickness Class No. 52, to furnish, lay and test (7-09.3(15)A, 19-30.2(6))  4-inch Ductile Iron Pipe, Push-On Joint, ANS/AWVM, C/99.3(15)A, 12 9-30.1(1), 9-30.2(6)  8-inch Ductile Iron Eig. 9-30.2(1))  8-inch Ductile Iron Eig. 9-30.2(1))  8-inch Ductile Iron Eig. 45°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 11.25°, M.J., 16 installed (9-30.2(1))  8-inch Ductile Iron Eig. 17.25°, M.J., 17.500 \$ 1.600.00 \$ 1.6												
furnish, lay and test (7-09.3(15)A,   LF   40    \$ 45.00    \$ 1,800.00    \$17.00    \$680.00    \$40.00    \$1,600.00    \$1												
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, 12 9-30.1(1), 9-30.2(6))  B-inch x 6-inch Ductile Iron Tee, 3- 8-inch x 4-inch Ductile Iron Tee, 3- 14 B, M.J., installed (9-30.2(1))  B-inch Ductile Iron Tee, 3- 15 400.00 \$ 400.00 \$ 205.00 \$ 11,025.00 \$ 455.00 \$ 2,275.00 \$ 1,025.00 \$ 2,275.00 \$ 1,025.00 \$ 2,000.00												
Joint, ANSI/AWWA, Č151, Special Thickness Class No. 52, 10 to furnish, lay and test (7-09.3(15)A, LF 323 \$ 35.00 \$ 11,305.00 \$48.00 \$15,504.00 \$45.00 \$14,535.00 \$8-inch x 6-inch Ductile Iron Tee, 3-13 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 \$8-inch x 4-inch Ductile Iron Tee, 3-14 B, M.J., installed (9-30.2(1)) EA 1 \$ 400.00 \$ 400.00 \$205.00 \$205.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$32			LF	40	\$	45.00	\$	1,800.00	\$17.00	\$680.00	\$40.00	\$1,600.00
Thickness Class No. 52, to furnish, lay and test (7-09.3(15)A, 12 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 \$1.0												
turnish, lay and test (7-09.3(15)A, 12 9-30.1(1), 9-30.2(6))												
12   9-30_1(1)_ 9-30_2(5)   LF   323   \$ 35.00   \$ 11,305.00   \$48.00   \$15,504.00   \$45.00   \$14,535.00   \$36.00   \$16,005.00   \$45.00   \$45.00   \$2,275.00   \$36.00   \$45.00   \$45.00   \$2,275.00   \$36.00   \$45.00   \$45.00   \$2,275.00   \$36.00   \$45.00   \$2,275.00   \$36.00   \$45.												
S-inch x 6-inch Ductile Iron Tee, 3-   S, M.J., installed (9-30.2(1))   EA	12		1 F	323	\$	35.00	\$	11 305 00	\$48.00	\$15 504 00	\$45.00	\$14 535 00
13   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     3-inch x 4-inch Ductile Iron Tep. 3-	12			020	Ψ	00.00	Ψ	11,000.00	ψ-10.00	ψ10,004.00	ψ-10.00	ψ1+,000.00
8-inch x 4-inch Ductile fron Tee, 3-   B, M.J., installed (9-30.2(1))   EA	13		EA	5	\$	400.00	\$	2,000.00	\$205.00	\$1,025.00	\$455.00	\$2,275.00
S-inch Ductile Iron Ell, 45°, M.J.,   EA   1   \$ 400.00 \$ 400.00 \$ \$155.00 \$ \$320.00												
15   Installed (9-30.2(1))   EA	14		EA	1	\$	400.00	\$	400.00	\$205.00	\$205.00	\$450.00	\$450.00
8-inch Ductile Iron Ell, 22.5°, M.J., installed (9-30.2(1))					١,		_		4			
16         Installed (9-30.2(1))         EA         4         \$ 400.00         \$ 1,600.00         \$155.00         \$620.00         \$315.00         \$1,260.00           8-inch Ductile Iron Ell, 11.25°,         B. installed (9-30.2(1))         EA         4         \$ 400.00         \$ 1,600.00         \$145.00         \$580.00         \$310.00         \$1,240.00           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           4-inch Ductile Iron Ell, 11.25°,         M.J., installed (9-30.2(1))         EA         4         \$ 175.00         \$ 700.00         \$80.00         \$240.00         \$960.00           8-inch Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7-09, 89-30.2(1))         EA         1         \$ 400.00         \$ 400.00         \$185.00         \$ 350.00 <td>15</td> <td></td> <td>EA</td> <td>1</td> <td>\$</td> <td>400.00</td> <td>\$</td> <td>400.00</td> <td>\$155.00</td> <td>\$155.00</td> <td>\$320.00</td> <td>\$320.00</td>	15		EA	1	\$	400.00	\$	400.00	\$155.00	\$155.00	\$320.00	\$320.00
S-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 \$ 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 \$ \$245.00 \$ \$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 \$ 8-inch Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7-20 09, 8 9-30.2(1))   EA   1   \$ 400.00 \$ 400.00 \$ 185.00 \$ \$350.00 \$ \$350.00 \$ \$350.00 \$ \$350.00 \$ \$350.00 \$ \$350.00 \$ \$350.00 \$ \$300.00 \$ \$550.00 \$ \$300.00 \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$550.00 \$ \$ \$ \$550.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	16		ΕΛ	4	œ	400.00	œ	1 600 00	\$155.00	00.000	\$215.00	\$1.260.00
17         M.J., installed (9-30.2(1))         EA         4         \$ 400.00         \$ 1,600.00         \$145.00         \$580.00         \$310.00         \$1,240.00           4-inch Ductile Iron Ell, 22.5°, M.J., 18         Installed (9-30.2(1))         EA         1         \$ 175.00         \$80.00         \$80.00         \$245.00         \$245.00           4-inch Ductile Iron Ell, 11.25°, 19         M.J., installed (9-30.2(1))         EA         4         \$ 175.00         \$ 700.00         \$75.00         \$300.00         \$240.00         \$960.00           8-inch Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7-20, 4-10)         4         \$ 400.00         \$ 185.00         \$ 300.00         \$ 350.00         \$ 3	10		LA	4	φ	400.00	φ	1,000.00	\$155.00	\$020.00	\$313.00	\$1,200.00
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 \$ \$245.00 \$ \$40.00 Ductile Iron Ell, 11.25°, M.J., installed (9-30.2(1)) EA 4 \$ 175.00 \$ 700.00 \$ 700.00 \$ \$300.00 \$ \$240.00 \$ \$960.00 \$ \$10.00 Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7-20 09, & 9-30.2(1)) EA 1 \$ 400.00 \$ 400.00 \$ 185.00 \$ 185.00 \$ 350.00 \$	17		EA	4	\$	400.00	\$	1.600.00	\$145.00	\$580.00	\$310.00	\$1,240,00
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					Ť		Ť	1,000.00	*	4000.00	***************************************	¥1,=10100
19 M.J., installed (9-30.2(1)) EA 4 \$ 175.00 \$ 700.00 \$75.00 \$300.00 \$240.00 \$960.00 8-inch Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7-20 99, & 9-30.2(1)) EA 1 \$ 400.00 \$ 400.00 \$185.00 \$350.00 \$	18		EA	1	\$	175.00	\$	175.00	\$80.00	\$80.00	\$245.00	\$245.00
8-inch Ductile Iron Solid Sleeve, (Long Pattern), M.J., installed (7- 20 09, & 9-30.2(1))  4-inch Ductile Iron Cap, M.J., tapped 2", installed (7-09, & 9- 21 30.2(1))  4-inch End Cap Coupling, tapped 2-inch, with 7-inch center ring, epoxy coating & stainless steel		4-inch Ductile Iron Ell, 11.25°,										
(Long Pattern), M.J., installed (7- 20			EA	4	\$	175.00	\$	700.00	\$75.00	\$300.00	\$240.00	\$960.00
20 09, & 9-30.2(1)) EA 1 \$ 400.00 \$ 400.00 \$185.00 \$350.00 \$350.00 \$4inch Ductile Iron Cap, M.J., tapped 2", installed (7-09, & 9-30.2(1)) EA 1 \$ 150.00 \$ 150.00 \$60.00 \$550.												
4-inch Ductile Iron Cap, M.J., tapped 2", installed (7-09, & 9- 21 30.2(1))  4-inch End Cap Coupling, tapped 2-inch, with 7-inch center ring, epoxy coating & stainless steel	20		Ε.		•	400.00		400.00	\$40E 00	¢405.00	\$3E0.00	¢250.00
tapped 2", installed (7-09, & 9- 21 30.2(1))  4-inch End Cap Coupling, tapped 2-inch, with 7-inch center ring, epoxy coating & stainless steel	∠∪		EA	1	Ф	400.00	Ф	400.00	\$185.00	\$185.00	\$350.00	\$350.00
21 30.2(1)) EA 1 \$ 150.00 \$ 150.00 \$60.00 \$550					1							<u> </u>
4-inch End Cap Coupling, tapped 2-inch, with 7-inch center ring, epoxy coating & stainless steel	21		EA	1	\$	150.00	\$	150 00	\$60.00	\$60.00	\$550.00	\$550.00
2-inch, with 7-inch center ring, epoxy coating & stainless steel					T	.00.00	Ť	.00.00	ψ00.00	\$00.00	ψ000.00	\$550.00
epoxy coating & stainless steel					1							<u> </u>
22   bolts, Cl (7-09.5 & 9-30.2(7))   EA   1   \$ 400.00   \$ 400.00   \$2,000.00   \$2,000.00   \$750.00   \$750.00		epoxy coating & stainless steel			1							<u> </u>
	22	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

I								Pape & Sons Construcion, Inc.		Northwest Cascade, Inc.		
				ENGINEER'			STIMATE	#1 BIDDER		#2 BIDDER		
						5%		Bid Bond: 5%		Bid Bond: 5%		
Item	Description	Unit	Quantity	ļ	Jnit Price		Amount	Unit Price	Amount	Unit Price	Amount	
	2-inch Blow-Off Assembly, installed (Dwg. 17-56-1) & (7-											
23	09.3(22))	EA	2	\$	800.00	\$	1,600.00	\$1,750.00	\$3,500.00	\$1,650.00	\$3,300.00	
	6-inch Mechanical Joint Restraining Glands, installed (7-14											
24	& 9-30.2(6))	EA	20	\$	75.00	\$	1.500.00	\$45.00	\$900.00	\$135.00	\$2,700.00	
	Test Holes (See Special						,	*******	,,,,,,,		, , , , , , , , , , , , , , , , , , , ,	
25	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.	EA	1	\$	2,500.00	\$	2,500.00	\$6,200.00	\$6,200.00	\$7,750.00	\$7,750.00	
20	installed (7-09 & 9-30.3) 8-inch Tapping Sleeve, installed (7-	EA	-	Ф	2,500.00	Ф	2,500.00	\$6,200.00	\$6,200.00	\$7,750.00	\$7,750.00	
27	09 & 9-30.3)	EA	1	\$	2,000.00	\$	2,000.00	\$5,500.00	\$5,500.00	\$7,250.00	\$7,250.00	
	8-inch Tapping Gate Valve, M.J.,				•							
	ANSI/AWWA, C509/515, with C.I.											
28	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	
20	8-inch Gate Valve, M.J.,	LA		Ψ	2,300.00	Ψ	3,000.00	ψ+30.00	ψ300.00	Ψ2,030.00	ψ3,700.00	
	ANSI/AWWA, C509/C515, with											
29	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	
	6-inch Gate Valve, M.J., ANSI/AWWA, C509/C515, with											
30	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	
	4-inch Gate Valve, M.J.,			Ť	.,	_	0,000.00	ψ1,200.00	40,000.00	ψ1,7 σσ.σσ	70,000.00	
	ANSI/AWWA, C509/C515, with											
31	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	
	6-inch Hydrant, M.J., 4 1/2-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Connect											
32	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	
- 02	Concrete Thrust Anchor, installed			Ψ	4,000.00	Ψ	20,000.00	ψ4,000.00	Ψ21,000.00	ψο,7 ου.υυ	ψ10,000.00	
33	(7-09.3(21))	EA	19	\$	250.00	\$	4,750.00	\$50.00	\$950.00	\$300.00	\$5,700.00	
0.4	Storm, Sanitary, and Side Sewer				750.00	_	750.00	<b>#</b> 500.00	<b>#</b> 500.00	<b>#</b> 000 00	**********	
34	Restoration (7-04, 7-17, & 7-18) Asbestos cement Pipe removal	EA	1	\$	750.00	\$	750.00	\$500.00	\$500.00	\$200.00	\$200.00	
35	and disposal plan (7-09)	LS	1	\$	500.00	\$	500.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00	
	Removal and disposal of							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,		
	abandoned AC pipe all sizes (7-		_	_		_						
36	09.3) Street cleaning with powered	LF	5	\$	500.00	\$	2,500.00	\$30.00	\$150.00	\$350.00	\$1,750.00	
	sweeper and vacuum equipment.											
37	(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(1)A))	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	
	Erosion and Sediment Control							Ţ.,,±±3.00	Ţ.,300.00	<del>+==3.00</del>	<u> </u>	
41	(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	EST	1	\$	5,000.00	\$	5.000.00	\$5.000.00	\$5,000.00	\$5.000.00	\$5.000.00	
42	Pollution Control (1-09.6 & 8-01) Force Account (1-09.6)	EST	1	\$	40,000.00	\$	40,000.00	\$5,000.00	\$5,000.00 \$40,000.00		\$5,000.00 \$40,000.00	
	. 5.55 / .550unt (1 05.6)		<u> </u>	<u> </u>	.0,000.00	_	.0,000.00	ψ-10,000.00	ψ.c,300.00	ψ-10,000.00	ψ.0,300.00	
WA	TER MAIN REPLACEMENT PROJ	CT MRF	2017-22									
	Base Bid					\$	493,470.00		\$ 509,369.00		\$ 565,824.00	
	9.3% Sales Tax Water Main Replacement Total			<u> </u>			\$45,892.71 \$539,362.71		\$47,371.32 \$556,740.32		\$52,621.63 \$618,445.63	
H	vater main replacement 10tal			<b>-</b>			φυυσ,υυΖ.1 Ι		ψυσυ, 1 40.32		ψυ10,445.03	