

2021 Watermain Replacement

Bid Opening: April 20, 2021, 11:00 AM

Disclaimer: These preliminary bid results are provided as a convenience to contractors for informational purposes only and **do not** identify lowest responsible bidder. Bid review by staff and final award pending.

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Northwest Cascade, Inc.
PO Box 73399
Puyallup, WA 98373

Engineer's Estimate
Abdulnaser Almaroof

TOTAL

\$914,286.27

\$984,292.71

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE I: STREET							
1000	Mobilization	1	LS	82,712.00	\$82,712.00	70,000.00	\$70,000.00
1010	Remove Existing Asphalt Concrete Pavement	800	SY	14.50	\$11,600.00	20.00	\$16,000.00
1015	Remove Existing Cement Concrete Pavement	400	SY	16.00	\$6,400.00	30.00	\$12,000.00
1020	Remove Cement Concrete Sidewalk and Driveway	140	SY	13.50	\$1,890.00	25.00	\$3,500.00
1025	Remove Cement Concrete Curb and Gutter	180	LF	10.00	\$1,800.00	12.00	\$2,160.00
1040	Removal of Raised Pavement Markers and Painted and/or Thermoplastic Traffic Markings	1	LS	9,350.00	\$9,350.00	2,000.00	\$2,000.00
1050	Saw Cut Existing Asphalt Concrete Pavement	1,900	LF	5.00	\$9,500.00	5.00	\$9,500.00
1055	Saw Cut Existing Cement Concrete Pavement	750	LF	5.00	\$3,750.00	10.00	\$7,500.00
1060	Roadway Excavation Incl. Haul	10	CY	48.00	\$480.00	60.00	\$600.00
1080	Crushed Surfacing Top Course, 5/8 Inch Minus	120	TON	37.50	\$4,500.00	45.00	\$5,400.00
1085	Crushed Surfacing Base Course, 1-1/4 Inch Minus	160	TON	37.50	\$6,000.00	50.00	\$8,000.00
1100	HMA Class 1/2", PG 58V-22	220	TON	185.00	\$40,700.00	100.00	\$22,000.00
1110	Planing Bituminous Pavement, 2 Inch Thick	550	SY	12.00	\$6,600.00	6.00	\$3,300.00
1115	Tie Bar with Drill Hole	200	EA	29.00	\$5,800.00	20.00	\$4,000.00
1120	Cement Concrete Pavement - 8 Inch Depth, Including Dowels	100	CY	360.00	\$36,000.00	500.00	\$50,000.00
1125	Hot Plant Mix for Temporary Pavement Patch	20	TON	300.00	\$6,000.00	200.00	\$4,000.00
1130	Asphalt Cost Price Adjustment	1	CALC	3,000.00	\$3,000.00	3,000.00	\$3,000.00
1140	Cement Concrete Driveway, 8 Inch Depth, Reinforced	10	SY	284.00	\$2,840.00	150.00	\$1,500.00
1145	Cement Concrete Sidewalk	40	SY	103.00	\$4,120.00	80.00	\$3,200.00
1170	Cement Concrete Sidewalk Ramp Type Parallel A	2	EA	2,600.00	\$5,200.00	3,000.00	\$6,000.00
1175	Cement Concrete Sidewalk Ramp Type Single Direction A	3	EA	3,900.00	\$11,700.00	3,000.00	\$9,000.00
1205	Cement Concrete Curb and Gutter	170	LF	46.00	\$7,820.00	45.00	\$7,650.00
1210	Cement Concrete Curb and Gutter, 8 Inch Depth, Reinforced	10	LF	70.00	\$700.00	70.00	\$700.00
1211	Pedestrian Curb	140	LF	30.00	\$4,200.00	35.00	\$4,900.00
1225	Circular Manhole Frame and Cover with Reinforced Cement Concrete Collar	2	EA	725.00	\$1,450.00	2,500.00	\$5,000.00
1235	Adjust Existing Catch Basin Grate or Curb Inlet Grate to Finished Grade	2	EA	420.00	\$840.00	400.00	\$800.00
1245	Adjust Existing Manhole Cover to Finished Grade	2	EA	540.00	\$1,080.00	500.00	\$1,000.00
1315 *	Pothole Utilities	12	EA	425.00	\$5,100.00	500.00	\$6,000.00
1355	Minor Changes	1	CALC	5,000.00	\$5,000.00	5,000.00	\$5,000.00
SUB TOTAL					\$286,132.00	\$273,710.00	
10.1% SALES TAX					\$28,899.33	\$27,644.71	
SCHEDULE I TOTAL					\$315,031.33	\$301,354.71	
SCHEDULE II: WATER							
2016	12 Inch Connection to Existing Water Main	4	EA	5,445.00	\$21,780.00	6,000.00	\$24,000.00
2035	12 Inch Diameter Ductile Iron, CI 52 Water Main Pipe	630	LF	83.00	\$52,290.00	140.00	\$88,200.00
2040	10 Inch Gate Valve, MJ x FL or MJ x MJ or FL x FL	4	EA	2,720.00	\$10,880.00	3,000.00	\$12,000.00
2045	12 Inch Gate Valve, MJ x FL or MJ x MJ or FL x FL	8	EA	3,080.00	\$24,640.00	4,000.00	\$32,000.00

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Abdulnaser Almaroof

				TOTAL		TOTAL	
				\$914,286.27		\$984,292.71	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
2110	Abandon and Fill Existing Water Main with CDF	30	CY	320.00	\$9,600.00	250.00	\$7,500.00
2120	Service Connection 1 Inch Diameter	3	EA	650.00	\$1,950.00	1,500.00	\$4,500.00
2145	Water Service Line 1 Inch Diameter	75	LF	51.00	\$3,825.00	40.00	\$3,000.00
2150	1 Inch Meter Setter	3	EA	785.00	\$2,355.00	750.00	\$2,250.00
2220	Meter Box for 1 Inch Diameter Service	3	EA	890.00	\$2,670.00	500.00	\$1,500.00
2255	* Shoring or Extra Excavation Class B	4,100	SF	0.10	\$410.00	0.75	\$3,075.00
2260	* Foundation Material, Class I and II for Water Main	80	TON	33.00	\$2,640.00	45.00	\$3,600.00
2265	* Unsuitable Foundation Excavation Incl. Haul	60	CY	44.00	\$2,640.00	45.00	\$2,700.00
2275	* Pipe Zone Bedding for Water Main	450	TON	45.00	\$20,250.00	35.00	\$15,750.00
2285	* Bank Run Gravel for Trench Backfill for Water Main	520	TON	40.00	\$20,800.00	35.00	\$18,200.00
2300	Dewatering	1	FA	35,000.00	\$35,000.00	35,000.00	\$35,000.00
SUB TOTAL					\$211,730.00		\$253,275.00
10.1% SALES TAX					\$21,384.73		\$25,580.78
SCHEDULE II TOTAL					\$233,114.73		\$278,855.78
SCHEDULE III: SANITARY SEWER							
3000	Split Steel Casing for Existing Sewer Pipe	32	LF	460.00	\$14,720.00	450.00	\$14,400.00
3030	Ductile Iron Sewer Pipe, 12 Inch Diameter Class 50	30	LF	126.00	\$3,780.00	100.00	\$3,000.00
3050	Manhole Under 12 Feet, Type 1, 48 Inch Diameter	1	EA	4,646.00	\$4,646.00	3,000.00	\$3,000.00
3135	Remove Existing Sewer Pipe	30	LF	7.50	\$225.00	25.00	\$750.00
3145	* Remove Existing Catch Basin or Manhole	1	EA	400.00	\$400.00	1,000.00	\$1,000.00
3255	* Shoring or Extra Excavation, Class B	200	SF	0.10	\$20.00	0.75	\$150.00
3260	* Foundation Material, Class I and II	10	TON	33.00	\$330.00	45.00	\$450.00
3275	* Pipe Zone Bedding	20	TON	45.00	\$900.00	35.00	\$700.00
3285	* Bank Run Gravel for Trench Backfill	30	TON	40.00	\$1,200.00	35.00	\$1,050.00
SUB TOTAL					\$26,221.00		\$24,500.00
10.1% SALES TAX					\$2,648.32		\$2,474.50
SCHEDULE III TOTAL					\$28,869.32		\$26,974.50
SCHEDULE IV: STORM SEWER							
4010	Ductile Iron Storm Sewer Pipe, 8 Inch Diameter Class 50	150	LF	78.00	\$11,700.00	75.00	\$11,250.00
4080	Catch Basin, Type 1	3	EA	1,045.00	\$3,135.00	1,500.00	\$4,500.00
4115	Bolt Down Catch Basin Frame and Grate	1	EA	555.00	\$555.00	500.00	\$500.00
4120	ADA Locking Frame and Grate	3	EA	555.00	\$1,665.00	750.00	\$2,250.00
4130	Abandon and Fill Existing Storm Sewer Pipe with CDF	10	CY	320.00	\$3,200.00	250.00	\$2,500.00
4135	Remove Existing Storm Sewer Pipe or Culvert	50	LF	7.50	\$375.00	25.00	\$1,250.00
4140	Abandon Existing Catch Basin or Manhole	1	EA	650.00	\$650.00	500.00	\$500.00
4145	* Remove Existing Catch Basin or Manhole	4	EA	400.00	\$1,600.00	1,000.00	\$4,000.00
4255	* Shoring or Extra Excavation Class B	700	SF	0.10	\$70.00	0.75	\$525.00
4275	* Pipe Zone Bedding	100	TON	45.00	\$4,500.00	35.00	\$3,500.00
4285	* Bank Run Gravel for Trench Backfill	50	TON	40.00	\$2,000.00	35.00	\$1,750.00
SCHEDULE IV TOTAL					\$29,450.00		\$32,525.00

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				TOTAL		\$914,286.27		\$984,292.71	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT		
SCHEDULE V: TRAFFIC CONTROL									
5005	Traffic Control Labor	730	HR	59.00	\$43,070.00	60.00	\$43,800.00		
5010	Construction Signs Class A	300	SF	19.00	\$5,700.00	20.00	\$6,000.00		
5015	Traffic Control Supervisor	410	HR	70.00	\$28,700.00	70.00	\$28,700.00		
5020	Temporary Traffic Control Devices	1	LS	10,860.00	\$10,860.00	5,000.00	\$5,000.00		
5030	Portable Changeable Message Sign (PCMS)	130	DAY	97.00	\$12,610.00	100.00	\$13,000.00		
5035	Sequential Arrow Sign (SAS)	20	DAY	47.00	\$940.00	50.00	\$1,000.00		
5105	Profiled Plastic Double Yellow Center Line	250	LF	11.50	\$2,875.00	8.00	\$2,000.00		
5115	Plastic Stop Line (24 inch wide)	50	LF	7.00	\$350.00	20.00	\$1,000.00		
5120	Plastic Crosswalk Line	900	SF	4.50	\$4,050.00	10.00	\$9,000.00		
SUB TOTAL					\$109,155.00		\$109,500.00		
10.1% SALES TAX					\$11,024.66		\$11,059.50		
SCHEDULE V TOTAL					\$120,179.66		\$120,559.50		
SCHEDULE VII: TEMPORARY EROSION & SEDIMENTATION CONTROL									
7015	Inlet Protection	10	EA	75.00	\$750.00	100.00	\$1,000.00		
7030	ESC Lead	100	HR	110.00	\$11,000.00	70.00	\$7,000.00		
7040	SPCC Plan	1	LS	250.00	\$250.00	1,500.00	\$1,500.00		
7050	Street Cleaning	50	HR	105.00	\$5,250.00	150.00	\$7,500.00		
7055	Erosion/Water Pollution Control	1	FA	1,500.00	\$1,500.00	1,500.00	\$1,500.00		
SUB TOTAL					\$18,750.00		\$18,500.00		
10.1% SALES TAX					\$1,893.75		\$1,868.50		
SCHEDULE VII TOTAL					\$20,643.75		\$20,368.50		
SCHEDULE VIII: VETERANS DRIVE WATER MAIN									
8210	16 Inch Diameter Ductile Iron, CI 52 Restrained Joint Water Main Pipe	510	LF	150.00	\$76,500.00	180.00	\$91,800.00		
8230	Combination Air Valve Assembly and Vault	1	EA	12,200.00	\$12,200.00	35,000.00	\$35,000.00		
8240	Water Meter Reimbursement	1	FA	1,500.00	\$1,500.00	1,500.00	\$1,500.00		
8255	* Shoring or Extra Excavation Class B	3,030	SF	0.10	\$303.00	0.75	\$2,272.50		
8260	* Foundation Material, Class I and II for Water Main	20	TON	33.00	\$660.00	45.00	\$900.00		
8265	* Unsuitable Foundation Excavation Incl. Haul	10	CY	44.00	\$440.00	45.00	\$450.00		
8275	* Pipe Zone Bedding for Water Main	380	TON	45.00	\$17,100.00	35.00	\$13,300.00		
8285	* Bank Run Gravel for Trench Backfill for Water Main	750	TON	40.00	\$30,000.00	35.00	\$26,250.00		
8315	* Pothole Utilities	7	EA	425.00	\$2,975.00	500.00	\$3,500.00		
8355	* Minor Changes	1	CALC	10,000.00	\$10,000.00	10,000.00	\$10,000.00		
SUB TOTAL					\$151,678.00		\$184,972.50		
10.1% SALES TAX					\$15,319.48		\$18,682.22		
SCHEDULE VIII TOTAL					\$166,997.48		\$203,654.72		

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ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SUMMARY:							
	SCHEDULE I TOTAL				\$315,031.33		\$301,354.71
	SCHEDULE II TOTAL				\$233,114.73		\$278,855.78
	SCHEDULE III TOTAL				\$28,869.32		\$26,974.50
	SCHEDULE IV TOTAL				\$29,450.00		\$32,525.00
	SCHEDULE V TOTAL				\$120,179.66		\$120,559.50
	SCHEDULE VII TOTAL				\$20,643.75		\$20,368.50
	SCHEDULE VIII TOTAL				\$166,997.48		\$203,654.72
CONSTRUCTION CONTRACT TOTAL					\$914,286.27		\$984,292.71