



2023 MULLEN RD SEWER IMPROVEMENTS  
PW 2023-06 Apparent Lows

Item Description	Quantity		Engineer		1-Miles Resources, LLC		2-Pape and Sons Const. Inc		3-Ceccanti		4-Rodarte Construction Inc	
	Unit	Unit	Ext. Price	Unit	Ext. Price	Unit	Ext. Price	Unit	Ext. Price	Unit	Ext. Price	
Minor Change	MC	1	25000 \$	25,000.00	25000 \$	25,000.00	25000 \$	25,000.00	25000 \$	25,000.00	25000 \$	25,000.00
SPCC Plan	LS	1	1000 \$	1,000.00	201 \$	201.00	500 \$	500.00	170 \$	170.00	100 \$	100.00
Mobilization	LS	1	95580 \$	95,580.00	35700 \$	35,700.00	62000 \$	62,000.00	95000 \$	95,000.00	117000 \$	117,000.00
Project Temporary Traffic Control	LS	1	25000 \$	25,000.00	29025 \$	29,025.00	19000 \$	19,000.00	38500 \$	38,500.00	3000 \$	3,000.00
Flaggers	HR	1500	60 \$	90,000.00	68.2 \$	102,300.00	52.17 \$	78,255.00	51 \$	76,500.00	62 \$	93,000.00
Portable Changeable Message Sign	HR	2880	4 \$	11,520.00	2.17 \$	6,249.60	2.5 \$	7,200.00	2 \$	5,760.00	5 \$	14,400.00
Removal of Structures and Obstructions	LS	1	25000 \$	25,000.00	27350 \$	27,350.00	5000 \$	5,000.00	68383 \$	68,383.00	30000 \$	30,000.00
Roadway Excavation Incl. Haul	CY	1600	35 \$	56,000.00	30 \$	48,000.00	35 \$	56,000.00	30 \$	48,000.00	36 \$	57,600.00
Trench Safety System	LS	1	1000 \$	1,000.00	2575 \$	2,575.00	3000 \$	3,000.00	2600 \$	2,600.00	1 \$	1.00
Dust Control	MGAL	1	1000 \$	1,000.00	515 \$	515.00	500 \$	500.00	1000 \$	1,000.00	150 \$	150.00
Controlled Density Fill	CY	50	300 \$	15,000.00	169.95 \$	8,497.50	175 \$	8,750.00	400 \$	20,000.00	185 \$	9,250.00
Crushed Surfacing Top Course	TN	800	35 \$	28,000.00	36.66 \$	29,328.00	30 \$	24,000.00	28 \$	22,400.00	45 \$	36,000.00
HMA for Pavement Repair Cl. 1/2" PG 58H-22	TN	160	200 \$	32,000.00	77.3 \$	12,368.00	150 \$	24,000.00	275 \$	44,000.00	50 \$	8,000.00
Fiber Reinforced HMA Cl 1/2 in. PG 58V-22	TON	2500	110 \$	275,000.00	102.75 \$	256,875.00	140 \$	350,000.00	122 \$	305,000.00	138 \$	345,000.00
Preparation of Existing Surfaces	LS	1	15000 \$	15,000.00	20105 \$	20,105.00	20000 \$	20,000.00	7500 \$	7,500.00	5000 \$	5,000.00
Driveway and Shoulder Preparation	LS	1	15000 \$	15,000.00	2760 \$	2,760.00	5000 \$	5,000.00	10000 \$	10,000.00	5000 \$	5,000.00
Crushed Rock for Shoulder Grading	TN	60	60 \$	3,600.00	64.45 \$	3,867.00	30 \$	1,800.00	30 \$	1,800.00	65 \$	3,900.00
Topsoil Type A for Shoulder Grading	CY	30	60 \$	1,800.00	115.15 \$	3,454.50	85 \$	2,550.00	65 \$	1,950.00	65 \$	1,950.00
Asphalt Cost Price Adjustment	CALC	1	10000 \$	10,000.00	10000 \$	10,000.00	10000 \$	10,000.00	10000 \$	10,000.00	10000 \$	10,000.00
Raise Manhole to Grade	EA	2	1500 \$	3,000.00	1660 \$	3,320.00	850 \$	1,700.00	550 \$	1,100.00	525 \$	1,050.00
Low Point Drain 72-Inch Diam	EA	1	10000 \$	10,000.00	9238.25 \$	9,238.25	19750 \$	19,750.00	13500 \$	13,500.00	12000 \$	12,000.00
Bank Run Gravel for Trench Backfill	TN	300	25 \$	7,500.00	12 \$	3,600.00	30 \$	9,000.00	30 \$	9,000.00	20 \$	6,000.00
Imported Pipe Bedding	TN	1200	30 \$	36,000.00	12 \$	14,400.00	30 \$	36,000.00	30 \$	36,000.00	25 \$	30,000.00
Utility Potholing	HR	40	400 \$	16,000.00	642.65 \$	25,706.00	50 \$	2,000.00	350 \$	14,000.00	650 \$	26,000.00
Locate Wire Access Port	EA	1	1000 \$	1,000.00	1787.5 \$	1,787.50	856 \$	856.00	4300 \$	4,300.00	3500 \$	3,500.00
Connect to Existing Water Main	EA	4	3000 \$	12,000.00	5597.5 \$	22,390.00	4750 \$	19,000.00	6230 \$	24,920.00	6000 \$	24,000.00
6 Inch Gate Valve	EA	1	1500 \$	1,500.00	3171.5 \$	3,171.50	2350 \$	2,350.00	1550 \$	1,550.00	2600 \$	2,600.00
8 Inch Gate Valve	EA	1	2000 \$	2,000.00	3768 \$	3,768.00	3000 \$	3,000.00	2100 \$	2,100.00	2700 \$	2,700.00
12 Inch Gate Valve	EA	5	3500 \$	17,500.00	5455 \$	27,275.00	5000 \$	25,000.00	3888 \$	19,440.00	4500 \$	22,500.00
Raise Valve Box to Grade	EA	4	1000 \$	4,000.00	1158.75 \$	4,635.00	650 \$	2,600.00	450 \$	1,800.00	500 \$	2,000.00
Hydrant Assembly	EA	1	7500 \$	7,500.00	9447 \$	9,447.00	9000 \$	9,000.00	10000 \$	10,000.00	8500 \$	8,500.00
5/8 Inch Single Meter Service Connected to Existing Water Main	EA	3	3500 \$	10,500.00	4443 \$	13,329.00	3800 \$	11,400.00	3700 \$	11,100.00	3250 \$	9,750.00
8 Inch Diameter Force Main Sewer Pipe	LF	2050	100 \$	205,000.00	92 \$	188,600.00	67.5 \$	138,375.00	59 \$	120,950.00	86 \$	176,300.00
Pig Launch Port Assembly	EA	2	7500 \$	15,000.00	8580 \$	17,160.00	9250 \$	18,500.00	9500 \$	19,000.00	5500 \$	11,000.00
2 Inch Plug Valve	EA	2	1000 \$	2,000.00	1280.25 \$	2,560.50	1750 \$	3,500.00	1200 \$	2,400.00	1400 \$	2,800.00
4 Inch Plug Valve	EA	3	1500 \$	4,500.00	3740.65 \$	11,221.95	2800 \$	8,400.00	2100 \$	6,300.00	1800 \$	5,400.00
8 Inch Plug Valve	EA	10	2500 \$	25,000.00	4065.3 \$	40,653.00	3000 \$	30,000.00	2250 \$	22,500.00	3200 \$	32,000.00
Side Sewer Connections - Force Main	EA	2	2000 \$	4,000.00	3200 \$	6,400.00	3500 \$	7,000.00	3000 \$	6,000.00	4000 \$	8,000.00
Side Sewer Stub - Force Main	EA	4	5000 \$	20,000.00	3595 \$	14,380.00	6300 \$	25,200.00	5400 \$	21,600.00	3250 \$	13,000.00
Connect to Existing Sanitary Sewer Force Main	EA	4	3000 \$	12,000.00	3583 \$	14,332.00	2800 \$	11,200.00	5000 \$	20,000.00	5000 \$	20,000.00
ESC Lead	LS	1	1000 \$	1,000.00	1142 \$	1,142.00	2500 \$	2,500.00	3000 \$	3,000.00	1000 \$	1,000.00



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Erosion/Water Pollution Control	LS	1	15000	\$	15,000.00	5513.08	\$	5,513.08	500	\$	500.00	22000	\$	22,000.00	5000	\$	5,000.00
Lawn and Landscape Restoration	LS	1	15000	\$	15,000.00	7882	\$	7,882.00	6000	\$	6,000.00	13000	\$	13,000.00	4500	\$	4,500.00
Raised Pavement Marker Type 1	HUND	5	300	\$	1,500.00	571.65	\$	2,858.25	650	\$	3,250.00	500	\$	2,500.00	600	\$	3,000.00
Raised Pavement Marker Type 2	HUND	2.5	600	\$	1,500.00	571.65	\$	1,429.13	650	\$	1,625.00	500	\$	1,250.00	600	\$	1,500.00
Surface Monument	EA	2	1500	\$	3,000.00	515	\$	1,030.00	1000	\$	2,000.00	3500	\$	7,000.00	700	\$	1,400.00
Paint Line	LF	200	1	\$	200.00	4.12	\$	824.00	5	\$	1,000.00	4	\$	800.00	4.25	\$	850.00
Plastic Wide Lane Line	LF	4000	2.5	\$	10,000.00	3.09	\$	12,360.00	3.5	\$	14,000.00	3	\$	12,000.00	3.25	\$	13,000.00
Plastic Stop Line	LF	12	25	\$	300.00	14.42	\$	173.04	16.5	\$	198.00	14	\$	168.00	15	\$	180.00
Project Closeout	LS	1	10000	\$	10,000.00	10000	\$	10,000.00	10000	\$	10,000.00	10000	\$	10,000.00	10000	\$	10,000.00
Schedule A Sub Total				\$	1,200,000.00		\$	1,104,756.80		\$	1,127,459.00		\$	1,222,841.00		\$	1,223,881.00
Schedule A Tax (9.5%)				\$	114,000.00		\$	104,951.90		\$	107,108.61		\$	116,169.90		\$	116,268.70
Schedule A Total				\$	1,314,000.00		\$	1,209,708.69		\$	1,234,567.61		\$	1,339,010.90		\$	1,340,149.70
SUB TOTAL				\$	1,200,000.00		\$	1,104,756.80		\$	1,127,459.00		\$	1,222,841.00		\$	1,223,881.00
TAX AMOUNT				\$	114,000.00		\$	104,951.90		\$	107,108.61		\$	116,169.90		\$	116,268.70
GRAND TOTAL				\$	1,314,000.00		\$	1,209,708.69		\$	1,234,567.61		\$	1,339,010.90		\$	1,340,149.70



2023 MULLEN RD SEWER IMPROVEMENTS  
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Item Description	Quantity	6-Olson Brothers Excavating,				8-Baker Underground &				9-Mike McClung Construction		
		5-Northwest Cascade, Inc.		Inc.		7-In Depth Excavation		Construction LLC		Company		
Unit	Unit	Ext. Price	Unit	Ext. Price	Unit	Ext. Price	Unit	Ext. Price	Unit	Ext. Price		
Minor Change	MC	1	25000	\$ 25,000.00	25000	\$ 25,000.00	25000	\$ 25,000.00	25000	\$ 25,000.00	25000	\$ 25,000.00
SPCC Plan	LS	1	500	\$ 500.00	1500	\$ 1,500.00	1000	\$ 1,000.00	260	\$ 260.00	1200	\$ 1,200.00
Mobilization	LS	1	125000	\$ 125,000.00	117409.13	\$ 117,409.13	90000	\$ 90,000.00	40642	\$ 40,642.00	135000	\$ 135,000.00
Project Temporary Traffic Control	LS	1	7800	\$ 7,800.00	32100	\$ 32,100.00	7500	\$ 7,500.00	15562	\$ 15,562.00	25000	\$ 25,000.00
Flaggers	HR	1500	73	\$ 109,500.00	66.75	\$ 100,125.00	40	\$ 60,000.00	77.81	\$ 116,715.00	65	\$ 97,500.00
Portable Changeable Message Sign	HR	2880	4	\$ 11,520.00	2.35	\$ 6,768.00	4.75	\$ 13,680.00	3.11	\$ 8,956.80	9	\$ 25,920.00
Removal of Structures and Obstructions	LS	1	105000	\$ 105,000.00	73400	\$ 73,400.00	20000	\$ 20,000.00	41933.2	\$ 41,933.20	30000	\$ 30,000.00
Roadway Excavation Incl. Haul	CY	1600	38	\$ 60,800.00	55.9	\$ 89,440.00	35	\$ 56,000.00	35.53	\$ 56,848.00	35	\$ 56,000.00
Trench Safety System	LS	1	4000	\$ 4,000.00	7800	\$ 7,800.00	10000	\$ 10,000.00	5187	\$ 5,187.00	30000	\$ 30,000.00
Dust Control	MGAL	1	2500	\$ 2,500.00	112	\$ 112.00	2000	\$ 2,000.00	408	\$ 408.00	2500	\$ 2,500.00
Controlled Density Fill	CY	50	250	\$ 12,500.00	345	\$ 17,250.00	120	\$ 6,000.00	139.7	\$ 6,985.00	115	\$ 5,750.00
Crushed Surfacing Top Course	TN	800	27	\$ 21,600.00	42	\$ 33,600.00	25	\$ 20,000.00	37.63	\$ 30,104.00	45	\$ 36,000.00
HMA for Pavement Repair Cl. 1/2" PG 58H-22	TN	160	150	\$ 24,000.00	164.5	\$ 26,320.00	150	\$ 24,000.00	131.2	\$ 20,992.00	140	\$ 22,400.00
Fiber Reinforced HMA Cl 1/2 in. PG 58V-22	TON	2500	120	\$ 300,000.00	123.55	\$ 308,875.00	160	\$ 400,000.00	150.02	\$ 375,050.00	125	\$ 312,500.00
Preparation of Existing Surfaces	LS	1	4200	\$ 4,200.00	10500	\$ 10,500.00	5000	\$ 5,000.00	36049	\$ 36,049.00	10000	\$ 10,000.00
Driveway and Shoulder Preparation	LS	1	2000	\$ 2,000.00	12000	\$ 12,000.00	5000	\$ 5,000.00	16719	\$ 16,719.00	8000	\$ 8,000.00
Crushed Rock for Shoulder Grading	TN	60	125	\$ 7,500.00	125	\$ 7,500.00	30	\$ 1,800.00	37.6	\$ 2,256.00	100	\$ 6,000.00
Topsoil Type A for Shoulder Grading	CY	30	100	\$ 3,000.00	300	\$ 9,000.00	30	\$ 900.00	63.8	\$ 1,914.00	100	\$ 3,000.00
Asphalt Cost Price Adjustment	CALC	1	10000	\$ 10,000.00	10000	\$ 10,000.00	10000	\$ 10,000.00	10000	\$ 10,000.00	10000	\$ 10,000.00
Raise Manhole to Grade	EA	2	1125	\$ 2,250.00	1700	\$ 3,400.00	3500	\$ 7,000.00	580.5	\$ 1,161.00	1800	\$ 3,600.00
Low Point Drain 72-Inch Diam	EA	1	14000	\$ 14,000.00	11600	\$ 11,600.00	10000	\$ 10,000.00	18972	\$ 18,972.00	16000	\$ 16,000.00
Bank Run Gravel for Trench Backfill	TN	300	13.5	\$ 4,050.00	20.25	\$ 6,075.00	40	\$ 12,000.00	18.67	\$ 5,601.00	30	\$ 9,000.00
Imported Pipe Bedding	TN	1200	13.5	\$ 16,200.00	22.5	\$ 27,000.00	25	\$ 30,000.00	21.79	\$ 26,148.00	25	\$ 30,000.00
Utility Potholing	HR	40	375	\$ 15,000.00	553.5	\$ 22,140.00	1000	\$ 40,000.00	427	\$ 17,080.00	250	\$ 10,000.00
Locate Wire Access Port	EA	1	1200	\$ 1,200.00	785	\$ 785.00	750	\$ 750.00	3526	\$ 3,526.00	1200	\$ 1,200.00
Connect to Existing Water Main	EA	4	4500	\$ 18,000.00	9900	\$ 39,600.00	5000	\$ 20,000.00	9274.75	\$ 37,099.00	9500	\$ 38,000.00
6 Inch Gate Valve	EA	1	2600	\$ 2,600.00	1750	\$ 1,750.00	1500	\$ 1,500.00	1912	\$ 1,912.00	2000	\$ 2,000.00
8 Inch Gate Valve	EA	1	3200	\$ 3,200.00	2400	\$ 2,400.00	1850	\$ 1,850.00	2535	\$ 2,535.00	2400	\$ 2,400.00
12 Inch Gate Valve	EA	5	5100	\$ 25,500.00	4350	\$ 21,750.00	3500	\$ 17,500.00	4590.8	\$ 22,954.00	4500	\$ 22,500.00
Raise Valve Box to Grade	EA	4	875	\$ 3,500.00	1350	\$ 5,400.00	850	\$ 3,400.00	1068	\$ 4,272.00	500	\$ 2,000.00
Hydrant Assembly	EA	1	7500	\$ 7,500.00	6000	\$ 6,000.00	5000	\$ 5,000.00	12214	\$ 12,214.00	9500	\$ 9,500.00
5/8 Inch Single Meter Service Connected to Existing Water Main	EA	3	3150	\$ 9,450.00	3300	\$ 9,900.00	1500	\$ 4,500.00	2860	\$ 8,580.00	3500	\$ 10,500.00
8 Inch Diameter Force Main Sewer Pipe	LF	2050	60	\$ 123,000.00	61.61	\$ 126,300.50	130	\$ 266,500.00	89.86	\$ 184,213.00	110	\$ 225,500.00
Pig Launch Port Assembly	EA	2	9000	\$ 18,000.00	7750	\$ 15,500.00	12500	\$ 25,000.00	9000	\$ 18,000.00	10000	\$ 20,000.00
2 Inch Plug Valve	EA	2	2160	\$ 4,320.00	1500	\$ 3,000.00	1500	\$ 3,000.00	1497	\$ 2,994.00	1200	\$ 2,400.00
4 Inch Plug Valve	EA	3	3150	\$ 9,450.00	2500	\$ 7,500.00	2000	\$ 6,000.00	2431	\$ 7,293.00	2200	\$ 6,600.00
8 Inch Plug Valve	EA	10	3340	\$ 33,400.00	935.5	\$ 9,355.00	3000	\$ 30,000.00	2816	\$ 28,160.00	2500	\$ 25,000.00
Side Sewer Connections - Force Main	EA	2	1800	\$ 3,600.00	2300	\$ 4,600.00	1850	\$ 3,700.00	6293	\$ 12,586.00	3500	\$ 7,000.00
Side Sewer Stub - Force Main	EA	4	5700	\$ 22,800.00	6080	\$ 24,320.00	5000	\$ 20,000.00	4833	\$ 19,332.00	6500	\$ 26,000.00
Connect to Existing Sanitary Sewer Force Main	EA	4	6550	\$ 26,200.00	2500	\$ 10,000.00	4500	\$ 18,000.00	7848.25	\$ 31,393.00	1800	\$ 7,200.00
ESC Lead	LS	1	1500	\$ 1,500.00	225	\$ 225.00	2500	\$ 2,500.00	2433	\$ 2,433.00	2500	\$ 2,500.00



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Erosion/Water Pollution Control	LS	1	21000	\$ 21,000.00	1700	\$ 1,700.00	2000	\$ 2,000.00	18982	\$ 18,982.00	6500	\$ 6,500.00
Lawn and Landscape Restoration	LS	1	2000	\$ 2,000.00	7400	\$ 7,400.00	5000	\$ 5,000.00	3295	\$ 3,295.00	5500	\$ 5,500.00
Raised Pavement Marker Type 1	HUND	5	600	\$ 3,000.00	623	\$ 3,115.00	600	\$ 3,000.00	575.8	\$ 2,879.00	560	\$ 2,800.00
Raised Pavement Marker Type 2	HUND	2.5	810	\$ 2,025.00	623	\$ 1,557.50	600	\$ 1,500.00	575.8	\$ 1,439.50	560	\$ 1,400.00
Surface Monument	EA	2	1075	\$ 2,150.00	1400	\$ 2,800.00	3000	\$ 6,000.00	912.25	\$ 1,824.50	2000	\$ 4,000.00
Paint Line	LF	200	2.15	\$ 430.00	5.5	\$ 1,100.00	4.5	\$ 900.00	4.15	\$ 830.00	4	\$ 800.00
Plastic Wide Lane Line	LF	4000	3.75	\$ 15,000.00	3.4	\$ 13,600.00	3.25	\$ 13,000.00	3.11	\$ 12,440.00	3	\$ 12,000.00
Plastic Stop Line	LF	12	27	\$ 324.00	15.75	\$ 189.00	13.5	\$ 162.00	14.5	\$ 174.00	14	\$ 168.00
Project Closeout	LS	1	10000	\$ 10,000.00	10000	\$ 10,000.00	10000	\$ 10,000.00	10000	\$ 10,000.00	10000	\$ 10,000.00
Schedule A Sub Total				\$ 1,257,069.00		\$ 1,288,761.13		\$ 1,327,642.00		\$ 1,331,903.00		\$ 1,363,838.00
Schedule A Tax (9.5%)				\$ 119,421.56		\$ 122,432.31		\$ 126,125.99		\$ 126,530.79		\$ 129,564.61
Schedule A Total				\$ 1,376,490.56		\$ 1,411,193.44		\$ 1,453,767.99		\$ 1,458,433.79		\$ 1,493,402.61
SUB TOTAL				\$ 1,257,069.00		\$ 1,288,761.13		\$ 1,327,642.00		\$ 1,331,903.00		\$ 1,363,838.00
TAX AMOUNT				\$ 119,421.56		\$ 122,432.31		\$ 126,125.99		\$ 126,530.79		\$ 129,564.61
GRAND TOTAL				\$ 1,376,490.56		\$ 1,411,193.44		\$ 1,453,767.99		\$ 1,458,433.79		\$ 1,493,402.61