



**CITY OF PUYALLUP
ENGINEERING SERVICES
ESTIMATE OF COST**

ON-SITE

DATE: 7/8/2024 ESTIMATOR: Miles McEathron, PE
PROJECT NAME & LOCATION: PSE OTC Todd Road
TELEPHONE #: 360-650-1408

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	3190	60,610.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK	SY	\$35.00	1990	69,650.00
WHEEL CHAIR RAMP	LS	\$2,800.00	4	11,200.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	6	1,680.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00	11	60,500.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00	1	13,200.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00	3400	85,000.00
TOP COURSE	TON	\$30.00	5620	168,600.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	840	79,800.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00	13990	41,970.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				
0.00				
48" STORM SEWER MANHOLE	EA	\$3,605.00		0.00
54" STORM SEWER MANHOLE	EA	\$4,265.00		0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00		0.00
72" STORM SEWER MANHOLE	EA	\$7,615.00		0.00
84" STORM SEWER MANHOLE	EA	\$10,150.00		0.00
96" STORM SEWER MANHOLE	EA	\$14,720.00		0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00	1	4,900.00
CATCH BASIN TYPE I	EA	\$1,800.00	42	75,600.00
CATCH BASIN TYPE II	EA	\$3,550.00	3	10,650.00
12" PVC	LF	\$65.00	1602	104,130.00
18" PVC	LF	\$85.00	430	36,550.00
21" PVC	LF	\$100.00		0.00
24" PVC	LF	\$125.00		0.00
30" PVC	LF	\$150.00		0.00
36" RCP	LF	\$275.00		0.00
42" RCP	LF	\$350.00		0.00
48" RCP	LF	\$440.00		0.00
BIOSWALE / DETENTION POND	CF	\$2.00	7130	14,260.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
EROSION CONTROL	SF	\$0.50		0.00
SITE STABILIZATION	SF	\$1.70	111865	190,170.50
DETENTION POND	CF	\$2.00	68000	136,000.00
MISC. ITEMS	EA	\$2.00		0.00
WATER				
0.00				
3/4" WATER SERVICE / METER	EA	\$850.00		0.00
1" WATER SERVICE / METER	EA	\$1,000.00		0.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00		0.00
2" WATER SERVICE / METER	EA	\$2,000.00		0.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	1	3,400.00
2" BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
8" GATE VALVE	EA	\$820.00		0.00
10" BUTTERFLY VALVE	EA	\$1,300.00		0.00
12" BUTTERFLY VALVE	EA	\$1,500.00		0.00
AIR RELIEF VALVE	EA	\$2,400.00		0.00
8" D.I.P.	LF	\$85.00		0.00
10" D.I.P.	LF	\$100.00		0.00
12" D.I.P.	LF	\$115.00		0.00
16" D.I.P.	LF	\$145.00		0.00
2" DOUBLE CHECK ASSEMBLY	EA	\$1,950.00	1	1,950.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00	2	3,250.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
MISC. ITEMS				0.00
SANITARY				
0.00				
SANITARY SEWER MANHOLE	EA	\$4,000.00		0.00
DROP MANHOLE	EA	\$5,000.00		0.00
TERMINAL CLEAN OUT	EA	\$425.00		0.00
SIDE SEWER	LF	\$60.00	462	27,720.00
8" SANITARY PVC	LF	\$70.00		0.00
10" SANITARY PVC	LF	\$75.00		0.00
12" SANITARY PVC	LF	\$90.00		0.00
18" SANITARY PVC	LF	\$100.00		0.00
GREASE INTERCEPTOR	GALLON	\$6.90		0.00
MISC. ITEMS				0.00
RETAINING WALLS				
0.00				
ROCK RETAINING WALL	S.Y./FACE	\$250.00		0.00
POURED IN PLACE RETAINING WALL	S.Y./FACE	\$250.00		0.00
KEYSTONE WALL	S.F./FACE	\$35.00		0.00
MISC. ITEMS				0.00
MISCELLANEOUS				
0.00				
RELOCATE POWER POLE/TRANSFORMER	EA			0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00	5000	15,000.00
OIL/WATER SEPARATOR	EA	\$20,000.00	1	20,000.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
TOTAL				1,235,790.50
20%CONTINGENCY				247,158.10
GRAND TOTAL				1,482,948.60



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TELEPHONE #: 360-650-1408

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	1104	20,976.00
DRIVE APPROACH	SY	\$55.00	58	3,190.00
SIDEWALK	SY	\$35.00	895	31,325.00
WHEEL CHAIR RAMP	LS	\$2,800.00	4	11,200.00
MONUMENT	EA	\$650.00	4	2,600.00
STREET SIGN	EA	\$280.00	5	1,400.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00	7	38,500.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00	1	13,200.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00	460	16,100.00
GRAVEL BASE	TON	\$25.00	2610	65,250.00
TOP COURSE	TON	\$30.00	525	15,750.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	1470	139,650.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00		0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				
0.00				
48" STORM SEWER MANHOLE	EA	\$3,605.00		0.00
54" STORM SEWER MANHOLE	EA	\$4,265.00		0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00		0.00
72" STORM SEWER MANHOLE	EA	\$7,615.00		0.00
84" STORM SEWER MANHOLE	EA	\$10,150.00		0.00
96" STORM SEWER MANHOLE	EA	\$14,720.00		0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00		0.00
CATCH BASIN TYPE I	EA	\$1,800.00	3	5,400.00
CATCH BASIN TYPE II	EA	\$3,550.00	5	17,750.00
12" PVC	LF	\$65.00	842	54,730.00
18" PVC	LF	\$85.00	384	32,640.00
21" PVC	LF	\$100.00		0.00
24" PVC	LF	\$125.00		0.00
30" PVC	LF	\$150.00		0.00
36" RCP	LF	\$275.00		0.00
42" RCP	LF	\$350.00		0.00
48" RCP	LF	\$440.00		0.00
BIOSWALE / DETENTION POND	CF	\$2.00		0.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
EROSION CONTROL	SF	\$0.50	93000	46,500.00
SITE STABILIZATION	SF	\$1.70	7285	12,384.50
MISC. ITEMS				0.00
MISC. ITEMS				0.00
WATER				
0.00				
3/4" WATER SERVICE / METER	EA	\$850.00		0.00
1" WATER SERVICE / METER	EA	\$1,000.00		0.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00		0.00
2" WATER SERVICE / METER	EA	\$2,000.00	2	4,000.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	5	17,000.00
2" BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
8" GATE VALVE	EA	\$820.00	1	820.00
10" BUTTERFLY VALVE	EA	\$1,300.00		0.00
12" BUTTERFLY VALVE	EA	\$1,500.00	3	4,500.00
AIR RELIEF VALVE	EA	\$2,400.00		0.00
8" D.I.P.	LF	\$85.00	37	3,145.00
10" D.I.P.	LF	\$100.00		0.00
12" D.I.P.	LF	\$115.00	1261	145,015.00
16" D.I.P.	LF	\$145.00		0.00
2" DOUBLE CHECK ASSEMBLY	EA	\$1,950.00		0.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00		0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
MISC. ITEMS				0.00
SANITARY				
0.00				
SANITARY SEWER MANHOLE	EA	\$4,000.00	9	36,000.00
DROP MANHOLE	EA	\$5,000.00		0.00
TERMINAL CLEAN OUT	EA	\$425.00		0.00
SIDE SEWER	LF	\$60.00	28	1,680.00
8" SANITARY PVC	LF	\$70.00		0.00
10" SANITARY PVC	LF	\$75.00	1838	137,850.00
12" SANITARY PVC	LF	\$90.00		0.00
18" SANITARY PVC	LF	\$100.00		0.00
GREASE INTERCEPTOR	GALLON	\$6.90		0.00
MISC. ITEMS				0.00
RETAINING WALLS				
0.00				
ROCK RETAINING WALL	S.Y./FACE	\$250.00		0.00
POURED IN PLACE RETAINING WALL	S.Y./FACE	\$250.00		0.00
KEYSTONE WALL	S.F./FACE	\$35.00		0.00
MISC. ITEMS				0.00
MISCELLANEOUS				
0.00				
RELOCATE POWER POLE/TRANSFORMER	EA	\$20,000	4	80,000.00
PRIVATE UTILITY TRENCHING	FT	\$3.00	2310	6,930.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
TOTAL				965,485.50
20%CONTINGENCY				193,097.10
GRAND TOTAL				1,158,582.60

For City use only:

Total Valuation	2,641,531.20
Engineering Inspection Fee (3%)	79,245.94
TOTAL	2,720,777.14
Performance Bond Amount Required (150%)	1,737,874.00