



CITY OF PUYALLUP
ENGINEERING SERVICES
ESTIMATE OF COST

ON-SITE

DATE: 2024.10.04	ESTIMATOR: AMS
PROJECT NAME & LOCATION: Cascade Christian Schools - Elementary Portables	TELEPHONE #: 971.236.3377
ENGINEER'S OPINION ESTIMATE	

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00		0.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK (ped path)	SY	\$35.00		0.00
WHEEL CHAIR RAMP	LS	\$2 800.00		0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00		0.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5 500.00		0.00
METER BASE AND PANEL FOR ST LT	EA	\$13 200.00		0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00		0.00
TOP COURSE	TON	\$30.00		0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00		0.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00	1500	4 500.00
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		0.00
CATCH BASIN TYPE II	EA	\$3 550.00		0.00
12" PVC (sub for 10")	LF	\$65.00		0.00
18" PVC	LF	\$85.00		0.00
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	30000	15 000.00
SITE STABILIZATION	SF	\$1.70	30000	51 000.00
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		0.00
FIRE HYDRANT ASSEMBLY	EA	\$3 400.00		0.00
2' BLOW OFF ASSEMBLY	EA	\$2 080.00		0.00
8" GATE VALVE (sub for 10 x 2" tap & val)	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		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		0.00
DROP MANHOLE	EA	\$5 000.00		0.00
TERMINAL CLEAN OUT (sub for pressure g	EA	\$425.00		0.00
SIDE SEWER	LF	\$60.00		0.00
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				0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00		0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
TOTAL			70 500.00	
20%CONTINGENCY			14 100.00	
GRAND TOTAL			84 600.00	



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OFF-SITE

DATE:	ESTIMATOR:
PROJECT NAME & LOCATION:	TELEPHONE #:
NO OFF-SITE	

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	20	380.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK	SY	\$35.00	11	385.00
WHEEL CHAIR RAMP	LS	\$2 800.00		0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00		0.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5 500.00		0.00
METER BASE AND PANEL FOR ST LT	EA	\$13 200.00		0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00	2	50.00
TOP COURSE	TON	\$30.00	2	60.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	3	285.00
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		0.00
CATCH BASIN TYPE II	EA	\$3 550.00		0.00
12" PVC	LF	\$65.00		0.00
18" PVC	LF	\$85.00		0.00
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		0.00
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		0.00
FIRE HYDRANT ASSEMBLY	EA	\$3 400.00		0.00
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		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
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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		0.00
8" SANITARY PVC	LF	\$70.00		0.00
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12" SANITARY PVC	LF	\$90.00		0.00
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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				0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00		0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
TOTAL			1 160.00	
20%CONTINGENCY			232.00	
GRAND TOTAL			1 392.00	

For City use only:	Engineering Inspection Fee	2 579.76
	Engineering Permit Fee	TBD
	Traffic Contrn Permit Fee (if applicable)	
	TOTAL	2 579.76