

Rowland Inc.
Drew Street - Water Main, RCW Main & Sewer Main
Job #2026-40 / PID #1007
Cost Estimate / Revised

Item Number	Description	Estimate			
		Quantity	u/m	Unit cost	Total
SANITARY SEWER					
2	Non-Emergency Mobilization/Demobilization & General Conditions ¹ (max \$4,000)	6.95	EA	4,000.00	27,782.69
Bypass pump set up/demob. & maintenance					
3a	8"-12" Diameter / 8" Gravity Sewer & Manholes	30.00	DAY	3,000.00	90,000.00
Maintenance of Traffic					
² (If not already included in line items 4b-4f)					
4a	Flagman ²	-	HR	50.00	-
4b	Multilane (FDOT Index No. 613) / 3ea per day x 180days	28.85	EA/DAY	1,400.00	40,391.75
4c	Multilane (FDOT Index No. 614)	-	EA/DAY	1,400.00	-
4d	Multilane (FDOT Index No. 615)	-	EA/DAY	1,400.00	-
4e	Multilane (FDOT Index No. 616)	-	EA/DAY	1,000.00	-
4f	Multilane (FDOT Index No. 617)	-	EA/DAY	1,000.00	-
4g	Arrow Board - 5' Minimum Horizontal Size ²	-	EA/DAY	137.00	-
4h	Variable Message Board ² / 2ea per day x 210days	23.94	EA/DAY	182.00	4,356.33
4i	Concrete Barrier (FDOT Index No. 415) ² / 50ea per Month	16.03	EA/DAY	500.00	8,014.24
Landscaping/Restoration					
8b	Sodding	3,205.69	SF	1.00	3,205.69
Materials					
9a	Full Width Milling (Up to 2")	-	SY	42.00	-
9b	Full Width Milling (2" to 4")	10.69	SY	42.00	448.80
9c	SP 12.5 Asphalt Concrete Resurfacing	-	TN	450.00	-
9d	SP 9.5 Asphalt Concrete Resurfacing	26.71	TN	450.00	12,021.36
9s	Remove and replace type I Curb (City Index 101 - Sheet 1 of 2)	80.14	LF	66.00	5,289.40
9t	Remove and replace valley gutter curb (City index 101 - Sheet 202)	-	LF	110.40	-
9w	Remove and Replace Concrete Sidewalk, (6" Min thickness)	438.11	SF	25.00	10,952.79
9x	Remove and Replace Concrete Driveway	16.03	SY	155.00	2,484.41
9y	3000 psi Concrete	5.34	CY	360.00	1,923.42
9gg	Flowable Fill / FDOT Road	26.71	CY	240.00	6,411.39
Well Point Dewatering					
10	Well Point Dewatering LF/DAY 2,000 / Jack & Bore Pits Bond = \$153,696.13 + 10%	26.71	LF/DAY	28.60	764.02
		0.053428245		169,065.74	9,032.89
Manholes and Gravity Main Appurtenances					
11d	Precast Type Manhole-4' diameter (Inclusive of lining, drops, ring, cover, etc.)	32.00	VF	1,000.00	32,000.00
Grout Fill and Abandon Main					
17b	8"-12" - The material is arbitrary, 8"-12" diameter pipe, sewer main	110.00	LF	16.00	1,760.00
Remove Abandoned Main (if not already removing for replacing)					
18b	8"-12" - The material is arbitrary, 8"-12" diameter pipe, water & sewer mains	2200	LF	29.46	64,812.00
Gravity Mains					
PVC Gravity Mains (Inclusive of all Labor, Material, and Associated Restraints)					
19i	8" diameter (0' to 5')	580.00	LF	551.76	320,020.80
Sewer Subtotal					
					641,671.97
10% Sewer Contingency					64,167.20
Total Sewer					705,839.16
WATER					
2	Non-Emergency Mobilization/Demobilization & General Conditions ¹ (max \$4,000)	107.57	EA	4,000.00	430,282.69
Maintenance of Traffic					
² (If not already included in line items 4b-4f)					
4a	Flagman ²	-	HR	50.00	-
4b	Multilane (FDOT Index No. 613) / 3ea per day x 180days	446.83	EA/DAY	1,400.00	625,564.83
4c	Multilane (FDOT Index No. 614)	-	EA/DAY	1,400.00	-
4d	Multilane (FDOT Index No. 615)	-	EA/DAY	1,400.00	-
4e	Multilane (FDOT Index No. 616)	-	EA/DAY	1,000.00	-
4f	Multilane (FDOT Index No. 617)	-	EA/DAY	1,000.00	-
4g	Arrow Board - 5' Minimum Horizontal Size ²	-	EA/DAY	137.00	-
4h	Variable Message Board ² / 2ea per day x 210days	370.71	EA/DAY	182.00	67,468.33
4i	Concrete Barrier (FDOT Index No. 415) ² / 50ea per Month	248.24	EA/DAY	500.00	124,120.01
Landscaping/Restoration					
8b	Sodding	49,648.00	SF	1.00	49,648.00
Materials					
9a	Full Width Milling (Up to 2")	-	SY	42.00	-
9b	Full Width Milling (2" to 4")	165.49	SY	42.00	6,950.72
9c	SP 12.5 Asphalt Concrete Resurfacing	-	TN	450.00	-
9d	SP 9.5 Asphalt Concrete Resurfacing	413.73	TN	450.00	186,180.01
9s	Remove and replace type I Curb (City Index 101 - Sheet 1 of 2)	1,241.20	LF	66.00	81,919.20
9t	Remove and replace valley gutter curb (City index 101 - Sheet 202)	-	LF	110.40	-
9w	Remove and Replace Concrete Sidewalk, (6" Min thickness)	6,785.23	SF	25.00	169,630.67
9x	Remove and Replace Concrete Driveway	248.24	SY	155.00	38,477.20
9y	3000 psi Concrete	82.75	CY	360.00	29,788.80
9gg	Flowable Fill / FDOT Road	413.73	CY	240.00	99,296.00
Well Point Dewatering					
10	Well Point Dewatering LF/DAY 2,000 / Jack & Bore Pits Bond = \$153,696.13 + 10%	413.73	LF/DAY	28.60	11,832.77
		0.827466703		169,065.74	139,896.27
Grout Fill and Abandon Main					
17a	2"-6" - The material is arbitrary, 2"-6" diameter pipe, water main	7,700.00	LF	15.00	115,500.00
Remove Abandoned Main (if not already removing for replacing)					
18a	2"-6" - The material is arbitrary, 2"-6" diameter pipe, water main	12,100.00	LF	22.10	267,410.00
18b	8"-12" - The material is arbitrary, 8"-12" diameter pipe, water & sewer mains	1100	LF	29.46	32,406.00
Water main replacement (Incidental to Sewer Repair)					
DUCTILE IRON (Inclusive of all Labor, Material, and Associated Restraints)					
28a	4" diameter	140.00	LF	605.00	84,700.00
28b	6" diameter	980	LF	616.00	603,680.00
28c	8" diameter	1,140.00	LF	621.50	708,510.00
28d	10" diameter	-	LF	632.50	-
28e	12" diameter	60.00	LF	649.00	38,940.00
Ductile Iron Fittings (Tees, Crosses, 90, 45, 22.5, 11.25, Sleeve, and inclusive all necessary restraints) (Cement Lined)					
30a	4" diameter	0.75	TON	36,846.77	27,635.08
30b	6" diameter	4.50	TON	34,442.05	154,989.23
30c	8" diameter	9.00	TON	19,784.00	178,056.00
30d	10" diameter	-	TON	38,069.17	-
30e	12" diameter	3.00	TON	34,600.46	103,801.38
Appurtenances					
Gate Valves with Valve Box					
33a	4" - gate valve, 4" diameter	7	EA	2,073.39	14,513.73
33b	6" - gate valve, 6" diameter	76	EA	2,531.31	192,379.56
33c	8" - gate valve, 8" diameter	79	EA	3,299.50	260,660.50
33d	10"t - N/A not being used	-	EA	5,836.10	-
33e	12" - gate valve, 12" diameter	2.00	EA	7,120.80	14,241.60
Tapping Sleeves and Tapping Valves					
34b	6" - tapping sleeve and valve, 6"	4.00	EA	7,915.06	31,660.24
34g	18" - tapping sleeve and valve, 18"	1.00	EA	81,146.53	81,146.53
34h	20" / Plus 1 ea. 30" Tap & Valve	1.00	EA	94,362.42	94,362.42
Linestops					
35a	4" / Plus 1 ea. 2" Linestop	7.00	EA	6,726.94	47,088.58
35b	6" - linestop, 6" diameter	11.00	EA	7,143.33	78,576.63
35c	8" - linestop, 8" diameter	6.00	EA	8,195.65	49,173.90
Fire Hydrant					
37a	Fire Hydrant Assembly With Valve (5-1/4")	25.00	EA	9,820.19	245,504.75
Service Saddles (Water and RCW Only)					

QUANTITY TAKEOFF TABLE		
ITEM	UNIT	AMOUNT
4" C900 DI DR-18 WM	LF	125
6" C900 DI DR-18 WM	LF	737
6" HDPE PE4710 DR-11 WM	LF	644
8" HDPE PE4710 DR-11 WM	LF	11238
8" C900 DI DR-18 WM	LF	1007
12" HDPE PE4710 DR-11 WM	LF	284
6" C900 DI DR-18 RWM	LF	150
6" HDPE PE4710 DR-11 RWM	LF	371
8" HDPE PE4710 DR-11 RWM	LF	1548
8" PVC SANITARY PIPE	LF	483
FIRE HYDRANT ASSEMBLY	EA	23
4" GATE VALVE WM	EA	6
4" GATE VALVE RWM	EA	1
6" GATE VALVE WM	EA	69
6" GATE VALVE RWM	EA	13
8" GATE VALVE WM	EA	72
8" GATE VALVE RWM	EA	11
12" GATE VALVE WM	EA	2
2" ARV WM	EA	5
4" TEAMS VALVE WM	EA	3
4" TEAMS VALVE RWM	EA	2
6" LINESTOP WM	EA	5
6" TEAMS VALVE WM	EA	31
6" TEAMS VALVE RWM	EA	4
8" LINESTOP WM	EA	1
8" TEAMS VALVE WM	EA	7
12" TEAMS VALVE WM	EA	1
11.25 BEND WM	EA	19
11.25 BEND RWM	EA	8
22.5 BEND WM	EA	2
45 BEND WM	EA	72
90 BEND WM	EA	22
90 BEND RWM	EA	13
TEE WM	EA	95
TEE RWM	EA	11
CAP/PLUG WM	EA	5
CAP/PLUG RWM	EA	5
CROSS WM	EA	5
REDUCER WM	EA	5
SLEEVE WM	EA	1

38b	6" - service saddle, 6"	101	EA	199.50	20,149.50
38c	8" - service saddle, 8"	170	EA	241.50	41,055.00
Trenchless Pipeline Installation (Wastewater and Water/Reclaimed Water Piping Incidental to Sewer Repair)					
Directional Drill					
39b	Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends	720	LF	96.00	69,120.00
39c	Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends	12400	LF	118.00	1,463,200.00
39e	Furnish and Install 12" HDPE by directional drill, DR 11 with Transitional Ends	310.00	LF	191.00	59,210.00
Jack and Bore					
40f	Furnish and Install 20" OD Steel Casing Pipe by Jack and Bore per city standard detail	40	LF	283.50	11,340.00
40g	Furnish and Install 24" OD Steel Casing Pipe by Jack and Bore per city standard detail	60	LF	294.00	17,640.00
Miscellaneous					
	1" Water & Reclaim Service / Per Reclaim Project	152	ea	2,330.00	354,160.00
	2" Water & Reclaim Services / No Item	15		5,000.00	75,000.00
	2" ARV / Per Reclaim Project	6.00		18,020.00	108,120.00
	4" TEAMS Valve / No Item	3		15,000.00	45,000.00
	6" TEAMS Valve / No Item	33		18,000.00	594,000.00
	8" TEAMS Valve / No Item	8		20,000.00	160,000.00
	12" TEAMS Valve / No Item	1		40,000.00	40,000.00
Subtotal Water					8,543,986.13
10% Contingency					854,398.61
Total Water					9,398,384.74
RECLAIMED WATER					
2	Non-Emergency Mobilization/Demobilization & General Conditions ¹ (max \$4,000)	15.48	EA	4,000.00	61,934.63
Maintenance of Traffic					
² (If not already included in line items 4b-4f)					
4a	Flagman ²	-	HR	50.00	-
4b	Multilane (FDOT Index No. 613) / 3ea per day x 180days	64.32	EA/DAY	1,400.00	90,043.42
4c	Multilane (FDOT Index No. 614)	-	EA/DAY	1,400.00	-
4d	Multilane (FDOT Index No. 615)	-	EA/DAY	1,400.00	-
4e	Multilane (FDOT Index No. 616)	-	EA/DAY	1,000.00	-
4f	Multilane (FDOT Index No. 617)	-	EA/DAY	1,000.00	-
4g	Arrow Board - 5' Minimum Horizontal Size ²	-	EA/DAY	137.00	-
4h	Variable Message Board ² / 2ea per day x 210days	53.36	EA/DAY	182.00	9,711.35
4i	Concrete Barrier (FDOT Index No. 415) ² / 50ea per Month	35.73	EA/DAY	500.00	17,865.76
Landscaping/Restoration					
8b	Sodding	7,146.30	SF	1.00	7,146.30
Materials					
9a	Full Width Milling (Up to 2")	-	SY	42.00	-
9b	Full Width Milling (2" to 4")	23.82	SY	42.00	1,000.48
9c	SP 12.5 Asphalt Concrete Resurfacing	-	TN	450.00	-
9d	SP 9.5 Asphalt Concrete Resurfacing	59.55	TN	450.00	26,798.64
9s	Remove and replace type I Curb (City Index 101 - Sheet 1 of 2)	178.66	LF	66.00	11,791.40
9t	Remove and replace valley gutter curb (City index 101 - Sheet 202)	-	LF	110.40	-
9w	Remove and Replace Concrete Sidewalk, (6" Min thickness)	976.66	SF	25.00	24,416.54
9x	Remove and Replace Concrete Driveway	35.73	SY	155.00	5,538.38
9y	3000 psi Concrete	11.91	CY	360.00	4,287.78
9gg	Flowable Fill / FDOT Road	59.55	CY	240.00	14,292.61
Well Point Dewatering					
10	Well Point Dewatering LF/DAY 2,000 / Jack & Bore Pits	59.55	LF/DAY	28.60	1,703.20
	Bond = \$153,696.13 + 10%	0.119105052		169,065.74	20,136.58
DUCTILE IRON (Inclusive of all Labor, Material, and Associated Restraints)					
28b	6" diameter	170	LF	616.00	104,720.00
Ductile Iron Fittings (Tees, Crosses, 90, 45, 22.5, 11.25, Sleeve, and inclusive all necessary restraints) (Cement Lined)					
30a	4" diameter	0.25	TON	36,846.77	9,211.69
30b	6" diameter	1.50	TON	34,442.05	51,663.08
30c	8" diameter	3.00	TON	19,784.00	59,352.00
30d	10" diameter	-	TON	38,069.17	-
30e	12" diameter	1.00	TON	34,600.46	34,600.46
Appurtenances					
Gate Valves with Valve Box					
33a	4" gate valve, 4" diameter	1	EA	2,073.39	2,073.39
33b	6" - gate valve, 6" diameter	14	EA	2,531.31	35,438.34
33c	8 gate valve, 8" diameterf	12	EA	3,299.50	39,594.00
Tapping Sleeves and Tapping Valves					
34a	4" tapping sleeve and valve, 4"	1.00	EA	6,578.70	6,578.70
34h	20" / Plus 1ea. 30" Tap & Valve	1.00	EA	94,362.42	94,362.42
Service Saddles (Water and RCW Only)					
38b	6" - service saddle, 6"	40	EA	199.50	7,980.00
38c	8" - service saddle, 8"	10	EA	241.50	2,415.00
Trenchless Pipeline Installation (Wastewater and Water/Reclaimed Water Piping Incidental to Sewer Repair)					
Directional Drill					
39b	Furnish and Install 6" HDPE by directional drill, DR 11 with Transitional Ends	410	LF	96.00	39,360.00
39c	Furnish and Install 8" HDPE by directional drill, DR 11 with Transitional Ends	1700	LF	118.00	200,600.00
Miscellaneous					
	1" Water & Reclaim Service / Per Reclaim Project	40	ea	2,330.00	93,200.00
	2" Water & Reclaim Services / No Item	10		5,000.00	50,000.00
	2" ARV / Per Reclaim Project			18,020.00	-
	4" TEAMS Valve / No Item	2		15,000.00	30,000.00
	6" TEAMS Valve / No Item	4		18,000.00	72,000.00
	8" TEAMS Valve / No Item	0		20,000.00	-
	12" TEAMS Valve / No Item	0		40,000.00	-
Subtotal Reclaimed Water					1,229,816.15
10% Contingency					122,981.61
Total Reclaimed Water					1,352,797.76
Total Construction					10,415,474.24
Total Contingency					1,041,547.42
Grand Total					11,457,021.66