

**CITY OF PORTLAND, OREGON  
BUREAU OF TRANSPORTATION  
IN-LIEU ENGINEER'S FINAL ESTIMATE  
SW 47th Avenue Phase I LID  
Date: April 5, 2022 By: AHA**

IN-LIEU ENGINEER'S FINAL ESTIMATE FOR THE IMPROVEMENT OF SW 47th Avenue From SW Luradel Street to 307 Feet North

**##### BID ITEMS #####**

NO.	ITEMS OF WORK AND MATERIALS	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	LS	0.09	\$175,000.00	\$15,146.68
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	LS	0.03	\$50,000.00	\$1,514.67
3	TEMPORARY SIGNS	SQFT	43.00	\$22.00	\$946.00
4	TEMPORARY BARRICADES, TYPE III	EACH	2.00	\$190.00	\$380.00
5	TEMPORARY TYPE ORANGE PLASTIC MESH FENCE	FOOT	166.00	\$4.00	\$664.00
6	EROSION CONTROL	LS	0.06	\$25,000.00	\$1,514.68
7	INLET PROTECTION	EACH	4.00	\$100.00	\$400.00
8	POLLUTION CONTROL PLAN	LS	0.23	\$1,000.00	\$230.00
9	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LS	0.04	\$70,000.00	\$3,029.34
10	CLEARING AND GRUBBING	LS	0.10	\$40,000.00	\$3,862.40
11	GENERAL EXCAVATION	CUYD	764.26	\$58.00	\$44,327.34
12	SUBGRADE GEOTEXTILE	SQYD	1,096.80	\$1.00	\$1,096.80
13	VIDEO INSPECTION OF SEWERS, MAINLINE	FOOT	464.00	\$10.00	\$4,640.00
14	POTHOLE EXCAVATION	EACH	2.00	\$500.00	\$1,000.00
15	12 INCH PIPE, PVC AWWA C900 CI 150, BEDDING TYPE: D, COMPLETE	FOOT	38.00	\$160.00	\$6,080.00
16	6 INCH PIPE, PVC ASTM D3034 SDR35, BEDDING TYPE: D, COMPLETE	FOOT	106.00	\$165.00	\$17,490.00
17	12 INCH PIPE, PVC ASTM D3034 SDR35, BEDDING TYPE: D, COMPLETE	FOOT	521.00	\$150.00	\$78,150.00
18	CONCRETE MANHOLES, 48 INCH, 0-8 FT DEPTH	EACH	1.00	\$10,000.00	\$10,000.00
19	CONCRETE MANHOLES, 48 INCH, DEEPER THAN 8 FT	FOOT	3.50	\$400.00	\$1,400.00
20	CONCRETE MANHOLES, CONTECH SFMH60	EACH	1.00	\$25,000.00	\$25,000.00
21	CONCRETE INLETS, TYPE CG-2	EACH	2.00	\$3,300.00	\$6,600.00
22	CONCRETE INLETS, TYPE G-2	EACH	2.00	\$3,500.00	\$7,000.00
23	CONCRETE INLETS, TYPE METAL	EACH	6.00	\$1,000.00	\$6,000.00
24	CONNECTION TO EXISTING STRUCTURES	EACH	1.00	\$2,000.00	\$2,000.00
25	MINOR ADJUSTMENT OF MANHOLES	EACH	1.00	\$300.00	\$300.00
26	AGGREGATE BASE, 8 INCHES THICK	SQYD	1,096.80	\$16.00	\$17,548.80
27	LEVEL 2, 1/2 INCH DENSE, MWMAC MIXTURE	TON	236.15	\$160.00	\$37,784.00
28	ASPHALT APPROACHES	SQFT	275.00	\$17.00	\$4,675.00
29	CONCRETE CURBS, STANDARD CURB	FOOT	521.40	\$31.00	\$16,163.40
30	CONCRETE CURBS, MOUNTABLE	FOOT	24.00	\$75.00	\$1,800.00
31	CONCRETE CURBS, MODIFIED GUTTER	FOOT	73.00	\$100.00	\$7,300.00
32	CONCRETE DRIVEWAYS	SQFT	500.00	\$16.00	\$8,000.00
33	CONCRETE WALKS	SQFT	2,254.00	\$9.00	\$20,286.00
34	MONOLITHIC CURB AND SIDEWALKS	SQFT	329.00	\$18.00	\$5,922.00
35	CURB MARKINGS - PAINT	FOOT	61.00	\$9.00	\$549.00
36	REMOVE EXISTING SIGNS	LS	0.10	\$2,000.00	\$200.00
37	REMOVE & REINSTALL EXISTING SIGNS	LS	0.10	\$2,000.00	\$200.00
38	SIGN SUPPORT FOOTINGS, BREAKAWAY	LS	0.12	\$9,500.00	\$1,092.50
39	PIPE SIGN SUPPORTS	CUYD	0.23	\$14,000.00	\$3,220.00
40	TYPE "G" SIGNS IN PLACE	SQFT	1.80	\$25.00	\$45.00
41	TYPE "R" SIGNS IN PLACE	SQFT	4.65	\$14.00	\$65.10
42	TYPE "W12" SIGNS IN PLACE	SQFT	6.75	\$25.00	\$168.75
43	TYPE "Y1" SIGNS IN PLACE	SQFT	4.60	\$14.00	\$64.40
44	PERMANENT SEEDING	SQYD	393.97	\$3.00	\$1,181.91
45	BARK MULCH	CUYD	45.00	\$80.00	\$3,600.00
46	6 FOOT X 36 INCH CHAIN LINK SINGLE GATES	EACH	1.00	\$650.00	\$650.00
47	DECIDUOUS TREES, 2-INCH CALIPER	EACH	1.80	\$820.20	\$1,476.36
48	DECIDUOUS TREES, 2 1/2-INCH CALIPER	EACH	2.40	\$806.34	\$1,935.22
49	RECONSTRUCT SEWER LATERAL	LS	1.00	\$3,559.11	\$3,559.11
50	REPLACE WATER SERVICE	LS	1.00	\$14,011.45	\$14,011.45
51	11 INCH ASPHALT CONCRETE PAVEMENT REPAIR	LS	130.18	\$83.33	\$10,848.00

**TOTAL BID ITEMS**

**\$401,117.91**