

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
FINAL ENGINEER'S ESTIMATE
2010 LIDs

EXHIBIT D
184691

STREET, SIDEWALK AND STORMWATER IMPROVEMENTS TO NE 109TH AVENUE FROM MARX STREET TO DEERING DRIVE.

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1.00	LS	\$ 27,757.81	\$ 27,757.81
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	1.00	LS	\$ 1,684.95	\$ 1,684.95
3	TEMPORARY SIGNS	17.00	SQFT	\$ 96.00	\$ 1,632.00
4	TEMPORARY BARRICADES, TYPE III	150.00	EACH	\$ 2.00	\$ 300.00
5	FLAGGERS	44.00	HOURL	\$ 32.00	\$ 1,408.00
6	TEMPORARY CL-6R CHAIN LINK FENCE	4.50	FOOT	\$ 975.00	\$ 4,387.50
7	EROSION CONTROL	1,000.00	LS	\$ 0.84	\$ 842.47
9	INLET PROTECTION	75.00	EACH	\$ 5.00	\$ 375.00
11	POLLUTION CONTROL PLAN	0.84	EACH	\$ 500.00	\$ 421.23
12	REMOVAL OF STRUCTURES & OBSTRUCTIONS	11,570.00	FOOT	\$ 0.84	\$ 9,747.42
13	CLEARING AND GRUBBING	21,000.00	LS	\$ 0.84	\$ 17,691.94
14	GENERAL EXCAVATION	12.00	LS	\$ 3,358.00	\$ 40,296.00
15	12 INCH SUBGRADE STABILIZATION	8.60	LS	\$ 583.93	\$ 5,021.80
16	SUBGRADE GEOTEXTILE	0.80	CUYD	\$ 4,429.08	\$ 3,543.26
17	DEWATERING	100.00	SQYD	\$ 1.00	\$ 100.00
18	TRENCH EXCAVATION, COMMON	25.00	SQYD	\$ 270.29	\$ 6,757.25
19	TRENCH BACKFILL, CLASS B	25.00	LS	\$ 211.80	\$ 5,295.00
20	STORMWATER PLANTERS	10.00	CUYD	\$ 404.00	\$ 4,040.00
21	STORMWATER SWALES	8.50	CUYD	\$ 4,545.00	\$ 38,632.50
22	3 INCH DRAIN PIPE	7.50	SQFT	\$ 1,912.00	\$ 14,340.00
23	SUBSURFACE DRAIN OUTLETS	250.00	SQFT	\$ 4.00	\$ 1,000.00
24	GRANULAR DRAIN BACKFILL MATERIAL FOR STORMWATER FACILITIES	17.50	FOOT	\$ 146.00	\$ 2,555.00
25	4 INCH PIPE, PVC PIPE, ASTM D3034	8.00	EACH	\$ 75.00	\$ 600.00
26	STORM INLET LEAD CLEANOUT	500.00	TON	\$ 1.00	\$ 500.00
27	TV PIPE INSPECTION	2.50	FOOT	\$ 517.50	\$ 1,293.75
28	10 INCH PIPE, HDPE ASTM F714 SDR 26 BEDDING TYPE:D	20.00	EACH	\$ 115.50	\$ 2,310.00
29	12 INCH PIPE, HDPE ASTM F714 SDR 26 BEDDING TYPE:D	30.00	FOOT	\$ 218.00	\$ 6,540.00
31	6 INCH PIPE, PVC SCHEDULE 40, PERFORATED	10.00	FOOT	\$ 200.00	\$ 2,000.00
32	6 INCH PIPE, PVC PIPE, ASTM D3034	7.00	FOOT	\$ 312.00	\$ 2,184.00
35	PIPE TEES, 12" X 6"	165.00	EACH	\$ 2.00	\$ 330.00
37	CONCRETE MANHOLES, STORM SEWER	2,800.00	FOOT	\$ 2.00	\$ 5,600.00
40	CONCRETE INLETS, TYPE G-2	1,750.00	FOOT	\$ 1.63	\$ 2,850.00
42	CONCRETE INLETS, TYPE FIELD	100.00	FOOT	\$ 52.50	\$ 5,250.00
44	CONCRETE INLETS, TYPE PB	125.00	FOOT	\$ 18.00	\$ 2,250.00
45	CONCRETE INLETS, TYPE CHANNEL & GRATE	900.00	EACH	\$ 1.00	\$ 900.00
46	PERMANENT PIPE PLUG	250.00	EACH	\$ 7.00	\$ 1,750.00
47	ADJUSTING BOXES	75.00	EACH	\$ 4.00	\$ 300.00
48	CONNECTION TO EXISTING STRUCTURES	600.00	EACH	\$ 5.00	\$ 3,000.00
49	FILLING ABANDONED STRUCTURES	1,000.00	EACH	\$ 1.00	\$ 1,000.00
50	MINOR ADJUSTMENT OF MANHOLES	300.00	EACH	\$ 3.00	\$ 900.00
52	MANHOLES OVER EXISTING SEWERS	4,000.00	EACH	\$ 1.00	\$ 4,000.00
53	AGGREGATE BASE	19.00	EACH	\$ 2,304.15	\$ 43,778.85
54	LEVEL 2, 1/2 INCH DENSE, HMA MIXTURE	65.00	EACH	\$ 2,267.80	\$ 147,407.00
55	CONCRETE CURBS, CURB AND GUTTER	10.00	EACH	\$ 943.10	\$ 9,431.00
56	CONCRETE CURBS, THICKENED CURB AND GUTTER	19.00	EACH	\$ 549.89	\$ 10,447.91
57	CONCRETE CURBS, STANDARD CURB	13.00	EACH	\$ 96.00	\$ 1,248.00
58	CONCRETE DRIVEWAYS	5.45	EACH	\$ 9,846.19	\$ 53,661.74
59	CONCRETE WALKS	3.75	EACH	\$ 8,656.90	\$ 32,463.38
63	REMOVE EXISTING SIGNS	300.00	EACH	\$ 1.00	\$ 300.00
64	LAWN SEEDING	1.00	EACH	\$ 418.49	\$ 418.49
65	TOPSOIL	40.00	EACH	\$ 33.00	\$ 1,320.00
66	ROCK MULCH	40.00	EACH	\$ 13.75	\$ 550.00
67	20 FT SINGLE GATES	1,100.00	TON	\$ 1.00	\$ 1,100.00
68	16 FT SINGLE GATES	850.00	TON	\$ 2.00	\$ 1,700.00
69	CL-6 CHAIN-LINK FENCE	19.00	FOOT	\$ 814.00	\$ 15,466.00
70	REMOVING AND REBUILDING FENCE	10.00	FOOT	\$ 491.00	\$ 4,910.00
71	CL-4 CHAIN-LINK FENCE	13.50	FOOT	\$ 135.00	\$ 1,822.50
72	REMOVE & REINSTALL MAILBOX SUPPORTS	200.00	SQFT	\$ 9.00	\$ 1,800.00
73	CHANGE ORDER #4 - ADDITIONAL QUANTITIES FOR BID ITEMS #12 AND #13	1.00	LS	\$ 7,000.00	\$ 7,000.00
74	CHANGE ORDER #5 - VARIOUS ITEMS INCLUDING DRIVEWAY REINFORCEMENT FOR TRUCKS	1.00	LS	\$ 25,596.72	\$ 25,596.72
75	CHANGE ORDER #6 - MANHOLE CONE	1.00	LS	\$ 1,150.00	\$ 1,150.00
76	CHANGE ORDER #7 - FENCING	1.00	LS	\$ 10,159.00	\$ 10,159.00
77	CHANGE ORDER #8 - DUCTILE IRON STORMWATER DRAINAGE PIPE	1.00	LS	\$ 31,305.00	\$ 31,305.00
78	CHANGE ORDER #10 - INSERT A TEES FOR STORMWATER DRAINAGE PIPE	1.00	LS	\$ 700.00	\$ 700.00
79	ASPHALT ESCALATION	0.84	LS	\$ (1,702.53)	\$ (1,434.34)
80	FUEL ESCALATION	0.84	LS	\$ 3,185.99	\$ 2,684.11

* Unit Price Shown is on Each Basis

TOTAL BID ITEMS

\$ 636,372.24

ANTICIPATED ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
81	RIGHT OF WAY MONUMENTATION	1.00	LS	\$ 8,000.00	\$ 8,000.00
82	DECIDUOUS TREES, 3 INCH CALIPER (BY FORESTRY)	21.00	EACH	\$ 1,100.00	\$ 23,100.00
83	STORMWATER PLANTINGS AND PLANT ESTABLISHMENT	6,039.00	SQFT	\$ 12.00	\$ 72,468.00

TOTAL ANTICIPATED ITEMS

\$ 101,344.92

SCHEDULE SUMMARY

BID ITEMS

\$ 636,372.24

ANTICIPATED ITEMS

\$ 101,344.92

TOTAL CONSTRUCTION

\$ 737,717.16