

184595

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
PRELIMINARY ENGINEER'S ESTIMATE

PRELIMINARY ENGINEER'S ESTIMATE FOR THE IMPROVEMENT OF SE 118TH AVE FROM SE PARDEE TO SOUTH LINE OF LIEBE
VALUES IN BLUE ARE PERCENT OF CONTRACT.

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1.00	LS	\$ 26,236.06	\$ 26,236.06
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	1.00	LS	\$ 13,118.03	\$ 13,118.03
3	TEMPORARY SIGNS	57.00	SQFT	\$ 23.41	\$ 1,334.37
5	TEMPORARY BARRICADES, TYPE III	8.00	EACH	\$ 199.00	\$ 1,592.00
10	TEMPORARY PLASTIC DRUMS	8.00	EACH	\$ 70.24	\$ 561.92
15	STRIPING & STRIPE REMOVAL MOBILIZATION	1.00	EACH	\$ 403.86	\$ 403.86
19	FLAGGERS	32.00	HOUR	\$ 44.48	\$ 1,423.36
20	TEMPORARY TYPE ORANGE PLASTIC MESH FENCE	250.00	FOOT	\$ 2.93	\$ 732.50
21	TEMPORARY CL-6R CHAIN LINK FENCE	250.00	FOOT	\$ 9.36	\$ 2,340.00
22	EROSION CONTROL	1.00	LS	\$ 4,919.26	\$ 4,919.26
25	CONSTRUCTION ENTRANCES	1.00	EACH	\$ 1,404.72	\$ 1,404.72
29	POLLUTION CONTROL PLAN	1.00	LS	\$ 1,639.75	\$ 1,639.75
42	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1.00	LS	\$ 9,551.96	\$ 9,551.96
43	REMOVAL OF FENCES	250.00	FOOT	\$ 2.87	\$ 717.50
44	CLEARING AND GRUBBING	1.00	LS	\$ 3,279.51	\$ 3,279.51
47	TREE REMOVAL, 12 INCH	2.00	EACH	\$ 690.00	\$ 1,380.00
49	GENERAL EXCAVATION	921.00	CUYD	\$ 24.58	\$ 22,638.18
53	12 INCH SUBGRADE STABILIZATION	280.00	SQYD	\$ 15.22	\$ 4,261.60
58	SUBGRADE GEOTEXTILE	1,672.00	SQYD	\$ 1.76	\$ 2,942.72
72	STORMWATER PLANTERS	1,950.00	SQFT	\$ 35.00	\$ 68,250.00
96	CONCRETE INLETS, TYPE METAL	12.00	EACH	\$ 1,500.00	\$ 18,000.00
134	AGGREGATE BASE	883.00	TON	\$ 29.27	\$ 25,845.41
137	LEVEL 3, 1/2 INCH DENSE, MHMAC MIXTURE	585.00	TON	\$ 85.81	\$ 50,198.85
148	CONCRETE CURBS, CURB AND GUTTER	1,099.00	FOOT	\$ 26.92	\$ 29,585.08
151	CONCRETE CURBS, THICKENED CURB AND GUTTER	287.00	FOOT	\$ 30.00	\$ 8,610.00
153	CONCRETE DRIVEWAYS	2,292.00	SQFT	\$ 7.02	\$ 16,089.84
155	CONCRETE WALKS	6,834.00	SQFT	\$ 5.97	\$ 40,798.98
186	THERMOPLASTIC, NON-PROFILE, 120 MILS, EXTRUDED	240.00	FOOT	\$ 1.11	\$ 266.40
192	REMOVE EXISTING SIGNS	6.00	LS*	\$ 128.77	\$ 772.62
194	SIGN SUPPORT FOOTINGS, BREAKAWAY	10.00	LS*	\$ 102.90	\$ 1,029.00
196	PIPE SIGN SUPPORTS	10.00	LS*	\$ 117.00	\$ 1,170.00
200	TYPE "G" SIGNS IN PLACE	4.00	SQFT	\$ 32.78	\$ 131.12
206	TYPE "W2" SIGNS IN PLACE	12.00	SQFT	\$ 25.58	\$ 306.96
210	TYPE "Y1" SIGNS IN PLACE	18.00	SQFT	\$ 24.58	\$ 442.44
226	LAWN SEEDING	95.89	SQYD	\$ 5.27	\$ 505.33
227	TOPSOIL	48.51	CUYD	\$ 32.66	\$ 1,584.42
230	DECIDUOUS TREES, 2-1/2 INCH CALIPER	5.00	EACH	\$ 741.39	\$ 3,706.95
231	DECIDUOUS TREES, 3 INCH CALIPER	9.00	EACH	\$ 802.60	\$ 7,223.40
254	SINGLE MAILBOX SUPPORTS	5.00	EACH	\$ 273.92	\$ 1,369.60
255	MULTIPLE MAILBOX SUPPORTS	2.00	EACH	\$ 389.81	\$ 779.62

* Unit Price Shown is on Pound, Each, or Foot Basis as Applicable

TOTAL BID ITEMS \$ 377,143.32

ANTICIPATED ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
11	ASPHALT CEMENT ESCALATION	1.00	LS	\$ 1,000.00	\$ 1,000.00
12	FUEL ESCALATION	1.00	LS	\$ 3,000.00	\$ 3,000.00
13	TESTING INFILTRATION	1.00	LS	\$ 3,000.00	\$ 3,000.00
14	BOLI FEE PAYMENT	1.00	LS	\$ 377.14	\$ 377.14
15	CONTRACT CONTINGENCY (REQUIREMENT TO ACCEPT BIDS UP TO 10% OVER E	1.00	LS	\$ 37,714.33	\$ 37,714.33

TOTAL ANTICIPATED ITEMS \$ 45,091.48

SCHEDULE SUMMARY

BID ITEMS		\$ 377,143.32
CONSTRUCTION CONTINGENCY	5% of Bid Items*	\$ 18,857.00
SUBTOTAL		\$ 396,000.32
ANTICIPATED ITEMS		\$ 45,091.48
TOTAL CONSTRUCTION		\$ 441,091.80
PROJECT MANAGEMENT	5% of Bid Items	\$ 18,857.17
DESIGN ENGINEERING	25% of Bid Items	\$ 94,286.00
CONSTRUCTION MANAGEMENT	15% of Bid Items	\$ 56,571.00
SUBTOTAL		\$ 169,714.17

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
	PROJECT ENGINEERING & MANAGEMENT OVERHEAD			65.88% of PM, Eng. and CM	\$ 111,807.69
	TOTAL PROJECT ENGINEERING & MANAGEMENT				\$ 281,521.86
	RIGHT-OF-WAY LAND, IMPROVEMENTS, AND DAMAGES				\$ 172,000.00
	RIGHT-OF-WAY APPRAISAL, TITLE INSURANCE, AND NEGOTIATION				\$ -
	RIGHT-OF-WAY CONTINGENCY			30% of Land, Improve, and Damages	\$ 51,600.00
	TOTAL PROJECT RIGHT-OF-WAY				\$ 223,600.00
	INFLATION RATE ON CONTRACT	1	Years	8% of Construction	\$ 35,287.00
	INFLATION RATE ON PERSONNEL	1		3.8% of Eng & Mgmt	\$ 10,698.00
	ESTIMATE CONTINGENCY FOR UNDEFINED OR CHANGE IN SCOPE			20% of Const, Eng & Mgmt, and Inflation	\$ 153,719.73
	TOTAL PROJECT CONTINGENCY				\$ 199,704.73
	TOTAL PROJECT ESTIMATE				\$ 1,145,918.38