

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
PRELIMINARY ENGINEER'S ESTIMATE
NE Alberta Street & 52nd Avenue LID

PRELIMINARY ENGINEER'S ESTIMATE FOR THE IMPROVEMENT OF 52nd Av. FROM Alberta St. 305' south AND Alberta St. FROM 52nd Av. 347' east
VALUES IN BLUE ARE PERCENT OF CONTRACT. version 12/13/2012

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1.00	LS	\$ 13,272.00	\$13,272.00
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	1.00	LS	\$ 6,636.00	\$6,636.00
3	TEMPORARY SIGNS	108.00	SQFT	\$ 23.41	\$2,528.28
4	TEMPORARY BARRICADES, TYPE II	5.00	EACH	\$ 62.04	\$310.20
5	TEMPORARY BARRICADES, TYPE III	3.00	EACH	\$ 199.00	\$597.00
19	FLAGGERS	40.00	HOURL	\$ 44.48	\$1,779.20
22	EROSION CONTROL	1.00	LS	\$ 2,488.50	\$2,488.50
28	INLET PROTECTION	2.00	EACH	\$ 105.35	\$210.70
29	POLLUTION CONTROL PLAN	1.00	LS	\$ 829.50	\$829.50
42	REMOVAL OF STRUCTURES & OBSTRUCTIONS	1.00	LS	\$ 4,977.00	\$4,977.00
44	CLEARING AND GRUBBING	1.00	LS	\$ 1,708.77	\$1,708.77
49	GENERAL EXCAVATION	503.00	CUYD	\$ 24.58	\$12,363.74
53	12 INCH SUBGRADE STABILIZATION	129.00	SQYD	\$ 15.22	\$1,963.38
58	SUBGRADE GEOTEXTILE	1,291.00	SQYD	\$ 1.76	\$2,272.16
73	STORMWATER SWALES	517.00	SQFT	\$ 10.00	\$5,170.00
76	10 INCH PIPE, HDPE ASTM F714 SDR 26 BEDDING TYPE D (Inlet Only Projects)	100.00	FOOT	\$ 79.36	\$7,936.00
90	CONCRETE MANHOLES, SUMP	2.00	EACH	\$ 7,220.50	\$14,441.00
91	CONCRETE MANHOLES, SEDIMENTATION	2.00	EACH	\$ 8,779.50	\$17,559.00
93	CONCRETE INLETS, TYPE CG-2	2.00	EACH	\$ 1,521.78	\$3,043.56
100	CONCRETE INLETS, TYPE CHANNEL & GRATE	4.00	EACH	\$ 870.00	\$3,480.00
106	ADJUSTING BOXES	2.00	EACH	\$ 280.94	\$561.88
110	MINOR ADJUSTMENT OF MANHOLES	1.00	EACH	\$ 790.16	\$790.16
137	AGGREGATE BASE	608.00	TON	\$ 29.27	\$17,796.16
139	LEVEL 2, 1/2 INCH DENSE, MHMAC MIXTURE	226.00	TON	\$ 85.81	\$19,393.06
152	CONCRETE CURBS, STANDARD CURB	517.00	FOOT	\$ 18.73	\$9,683.41
156	CONCRETE DRIVEWAYS	168.00	SQFT	\$ 7.02	\$1,179.36
158	CONCRETE WALKS	3,099.00	SQFT	\$ 5.97	\$18,501.03
159	MONOLITHIC CURB AND SIDEWALKS	2,084.00	SQFT	\$ 9.66	\$20,131.44
191	THERMOPLASTIC, NON-PROFILE, 120 MILS, EXTRUDED	190.00	FOOT	\$ 1.11	\$210.90
206	TYPE "G1" SIGNS IN PLACE	6.00	SQFT	\$ 30.44	\$182.64
215	TYPE "Y1" SIGNS IN PLACE	16.00	SQFT	\$ 24.58	\$393.28
231	LAWN SEEDING	259.00	SQYD	\$ 5.27	\$1,364.93
232	TOPSOIL	63.00	CUYD	\$ 32.66	\$2,057.58

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

TOTAL BID ITEMS

\$195,811.82

ANTICIPATED ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
7	STORMWATER PLANTINGS AND PLANT ESTABLISHMENT	517.00	SQFT	\$ 15.00	\$7,755.00
10	DECIDUOUS TREES, 2-1/2 INCH CALIPER	20.00	EACH	\$ 1,100.00	\$22,000.00
14	BOLI FEE PAYMENT	1.00	LS	\$ 250.00	\$250.00
15	CONTRACT CONTINGENCY (REQUIREMENT TO ACCEPT BIDS UP TO 10% OVER E	1.00	LS	\$ 19,581.18	\$19,581.18

TOTAL ANTICIPATED ITEMS

\$49,586.18

SCHEDULE SUMMARY

BID ITEMS		\$195,811.82
CONSTRUCTION CONTINGENCY	5% of Bid Items*	\$9,791.00
SUBTOTAL		\$205,602.82
ANTICIPATED ITEMS		\$49,586.18
TOTAL CONSTRUCTION		\$255,189.00
PROJECT MANAGEMENT	5% of Bid Items	\$9,790.59
DESIGN ENGINEERING	25% of Bid Items	\$48,953.00
CONSTRUCTION MANAGEMENT	15% of Bid Items	\$29,372.00
SUBTOTAL		\$88,115.59
PROJECT ENGINEERING & MANAGEMENT OVERHEAD	73.78% of PM, Eng. and CM	\$65,011.68
TOTAL PROJECT ENGINEERING & MANAGEMENT		\$153,127.27
RIGHT-OF-WAY CONTINGENCY	of Land, Improve, and 30% Damages	\$0.00
TOTAL PROJECT RIGHT-OF-WAY		\$0.00
INFLATION RATE ON CONTRACT	Years 2 Inflation 4.5% of Construction	\$23,484.00
INFLATION RATE ON PERSONNEL	2 2.0% of Eng & Mgmt	\$6,186.00
ESTIMATE CONTINGENCY FOR UNDEFINED OR CHANGE IN SCOPE	19% of Const, Eng & Mgmt, and Inflation	\$85,267.20
TOTAL PROJECT CONTINGENCY		\$114,937.20
TOTAL PROJECT ESTIMATE		\$523,253.47