

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
PRELIMINARY ENGINEER'S ESTIMATE
N Cook St. at N Vancouver Ave. - Civil Improvements

PRELIMINARY ENGINEER'S ESTIMATE FOR THE IMPROVEMENT OF THE INTERSECTION OF N COOK ST AND N VANCOUVER AVENUE

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	\$3,726.70	\$3,726.70
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	1.00	LS	\$1,863.35	\$1,863.35
3	TEMPORARY SIGNS	256.00	SQFT	\$23.41	\$5,992.96
10	TEMPORARY PLASTIC DRUMS	30.00	EACH	\$70.24	\$2,107.20
12	TEMPORARY FLEXIBLE PAVEMENT MARKERS	100.00	EACH	\$1.99	\$199.00
14	STRIPE REMOVAL	1,469.47	FOOT	\$0.76	\$1,116.80
19	FLAGGERS	20.00	HOURL	\$44.48	\$889.60
20	TEMPORARY TYPE ORANGE PLASTIC MESH FENCE	91.43	FOOT	\$2.93	\$267.89
22	EROSION CONTROL	1.00	LS	\$698.76	\$698.76
28	INLET PROTECTION	4.00	EACH	\$105.35	\$421.40
29	POLLUTION CONTROL PLAN	1.00	LS	\$232.92	\$232.92
34	REMOVAL OF CURBS	313.72	FOOT	\$6.79	\$2,130.16
35	REMOVAL OF WALKS AND DRIVEWAYS	138.85	SQYD	\$12.88	\$1,788.33
36	REMOVAL OF SURFACINGS	229.22	SQYD	\$7.61	\$1,744.33
47	TREE REMOVAL, 12 INCH	2.00	EACH	\$690.00	\$1,380.00
49	GENERAL EXCAVATION	285.77	CUYD	\$24.58	\$7,024.30
53	12 INCH SUBGRADE STABILIZATION	61.61	SQYD	\$15.22	\$937.74
58	SUBGRADE GEOTEXTILE	123.22	SQYD	\$1.76	\$216.88
137	AGGREGATE BASE	52.99	TON	\$29.27	\$1,551.01
140	LEVEL 3, 1/2 INCH DENSE, MHMAC MIXTURE	35.94	TON	\$85.81	\$3,084.05
152	CONCRETE CURBS, STANDARD CURB	25.50	FOOT	\$18.73	\$477.62
158	CONCRETE WALKS	198.45	SQFT	\$5.97	\$1,184.75
159	MONOLITHIC CURB AND SIDEWALKS	401.37	SQFT	\$9.66	\$3,877.23
187	PAVEMENT LEGEND REMOVAL	6.00	EACH	\$59.12	\$354.72
188	BI-DIRECTIONAL YELLOW TYPE I MARKERS	6.00	EACH	\$4.68	\$28.08
190	CURB MARKINGS - PAINT	50.00	FOOT	\$1.30	\$65.00
191	THERMOPLASTIC, NON-PROFILE, 120 MILS, EXTRUDED	320.00	FOOT	\$1.11	\$355.20
192	PAVEMENT LEGEND, TYPE B: ARROWS	2.00	EACH	\$243.48	\$486.96
196	PAVEMENT BAR, TYPE B	328.00	SQFT	\$6.91	\$2,266.48
210	TYPE "W1" SIGNS IN PLACE	10.00	SQFT	\$24.58	\$245.80
214	TYPE "W7" SIGNS IN PLACE	3.00	SQFT	\$27.27	\$81.81

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

TOTAL BID ITEMS

\$53,105.54

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 CONTAMINATED MEDIA	1.00	LS	\$5,000.00	\$5,000.00
14	BOLI FEE PAYMENT	1.00	LS	\$250.00	\$250.00
15	CONTRACT CONTINGENCY (REQUIREMENT TO ACCEPT BIDS UP TO 10% OVER ESTIMATE)	1.00	LS	\$5,310.55	\$5,310.55

TOTAL ANTICIPATED ITEMS

\$14,560.55

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE SUMMARY					
BID ITEMS					\$53,105.54
CONSTRUCTION CONTINGENCY				5% of Bid Items*	\$2,655.00
SUBTOTAL					\$55,760.54
ANTICIPATED ITEMS					\$14,560.55
TOTAL CONSTRUCTION					\$70,321.09
PROJECT MANAGEMENT				of Bid Items	\$10,000.00
DESIGN ENGINEERING				35% of Bid Items	\$18,587.00
CONSTRUCTION MANAGEMENT				30% of Bid Items	\$15,932.00
SUBTOTAL					\$44,519.00
PROJECT ENGINEERING & MANAGEMENT OVERHEAD				73.78% of PM, Eng, and CM	\$32,846.12
TOTAL PROJECT ENGINEERING & MANAGEMENT					\$77,365.12
RIGHT-OF-WAY LAND, IMPROVEMENTS, AND DAMAGES					\$0.00
RIGHT-OF-WAY APPRAISAL, TITLE INSURANCE, AND NEGOTIATION					\$0.00
RIGHT-OF-WAY CONTINGENCY				of Land, Improve, and 30% Damages	\$0.00
TOTAL PROJECT RIGHT-OF-WAY					\$0.00
INFLATION RATE ON CONTRACT	Years	1	Inflation	4.5% of Construction	\$3,164.00
INFLATION RATE ON PERSONNEL	1		2.0% of Eng & Mgmt		\$1,547.00
ESTIMATE CONTINGENCY FOR UNDEFINED OR CHANGE IN SCOPE			20% of Const, Eng & Mgmt, and Inflation		\$30,479.44
TOTAL PROJECT CONTINGENCY					\$35,190.44
TOTAL PROJECT ESTIMATE					\$182,876.65