

CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION
PRELIMINARY ENGINEER'S ESTIMATE
SE 86th Court

187293

PRELIMINARY ENGINEER'S ESTIMATE FOR THE IMPROVEMENT OF SE 86th Ct. FROM SE Steele St. TO SE Insley St.

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	LS	1.00	\$5,758.34	\$5,758.34
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	LS	1.00	\$719.79	\$719.79
3	TEMPORARY SIGNS	SQFT	54.00	\$20.00	\$1,080.00
23	EROSION CONTROL	LS	1.00	\$719.79	\$719.79
26	CONSTRUCTION ENTRANCES	EACH	1.00	\$1,890.00	\$1,890.00
29	INLET PROTECTION	EACH	1.00	\$88.00	\$88.00
30	POLLUTION CONTROL PLAN	LS	1.00	\$71.98	\$71.98
43	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LS	1.00	\$1,439.59	\$1,439.59
45	CLEARING AND GRUBBING	LS	1.00	\$1,835.47	\$1,835.47
49	GENERAL EXCAVATION	CUYD	244.00	\$35.00	\$8,540.00
53	12 INCH SUBGRADE STABILIZATION	SQYD	48.00	\$21.90	\$1,051.20
58	SUBGRADE GEOTEXTILE	SQYD	480.00	\$1.25	\$601.88
73	STORMWATER SWALES	SQFT	840.00	\$15.10	\$12,684.00
143	AGGREGATE BASE	TON	251.00	\$36.90	\$9,261.90
149	LEVEL 3, 1/2 INCH DENSE, MWMAC MIXTURE	TON	141.00	\$89.50	\$12,619.50
163	CONCRETE CURBS, STANDARD CURB	FOOT	266.00	\$25.50	\$6,783.00
167	CONCRETE DRIVEWAYS	SQFT	540.00	\$8.40	\$4,536.00
169	CONCRETE WALKS	SQFT	1,596.00	\$6.00	\$9,576.00
170	MONOLITHIC CURB AND SIDEWALKS	SQFT	177.00	\$9.80	\$1,734.60
250	LAWN SEEDING	SQYD	89.00	\$4.00	\$356.00
251	TOPSOIL	CUYD	27.00	\$43.60	\$1,177.20

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

TOTAL BID ITEMS

\$82,524.24

ANTICIPATED ITEMS

NO.	ITEMS OF WORK AND MATERIALS	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2	INSTALL WATER FACILITIES - FIRE HYDRANT	EACH	1.00	\$12,890.00	\$12,890.00
7	STORMWATER PLANTINGS AND PLANT ESTABLISHMENT	SQFT	840.00	\$15.00	\$12,600.00
10	DECIDUOUS TREES, 2-1/2 INCH CALIPER	EACH	6.00	\$1,350.00	\$8,100.00
14	BOLI FEE PAYMENT	LS	0.50	\$250.00	\$125.00
15	CONTRACT CONTINGENCY (REQUIREMENT TO ACCEPT BIDS UP TO 10% OVER ESTIMATE)	LS	1.00	\$20,631.06	\$20,631.06

TOTAL ANTICIPATED ITEMS

\$54,346.06

SCHEDULE SUMMARY

BID ITEMS		\$82,524.24
CONSTRUCTION CONTINGENCY	5.00% of Bid Items*	\$4,126.00
SUBTOTAL		\$86,650.24
ANTICIPATED ITEMS		\$54,346.06
TOTAL CONSTRUCTION		\$140,996.30
PROJECT MANAGEMENT	5.00% of Bid Items	\$4,126.21
DESIGN ENGINEERING	5.00% of Bid Items	\$4,126.00
CONSTRUCTION MANAGEMENT	20.00% of Bid Items	\$16,505.00
SUBTOTAL		\$24,757.21
PROJECT ENGINEERING & MANAGEMENT OVERHEAD	73.35% of PM, Eng, and CM	\$18,159.42

187293

NO.	ITEMS OF WORK AND MATERIALS	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL AMOUNT
	TOTAL PROJECT ENGINEERING & MANAGEMENT				\$42,916.63
	RIGHT-OF-WAY LAND, IMPROVEMENTS, AND DAMAGES				
	RIGHT-OF-WAY APPRAISAL, TITLE INSURANCE, AND NEGOTIATION				
	RIGHT-OF-WAY CONTINGENCY		30.00%	of Land, Improve, and Damages	\$0.00
	TOTAL PROJECT RIGHT-OF-WAY				\$0.00
	INFLATION RATE ON CONTRACT	Years	Inflation		
	INFLATION RATE ON PERSONNEL	2	4.50%	of Construction	\$12,975.00
	ESTIMATE CONTINGENCY FOR UNDEFINED OR CHANGE IN SCOPE	2	2.00%	of Eng & Mgmt	\$1,734.00
			10.00%	of Const, Eng & Mgmt, and Inflation	\$19,862.19
	TOTAL PROJECT CONTINGENCY				\$34,571.19
	TOTAL PROJECT ESTIMATE				\$218,484.12