

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

NE 97TH AVENUE GREEN STREET LID: NE 97TH AVENUE PHASE I CONSTRUCTION (R & R GENERAL CONTRACTORS, INC.)

STREET, SIDEWALK AND STORMWATER IMPROVEMENTS TO NE 97TH AVENUE FROM GLISAN STREET TO DAVIS STREET
INCLUDING INTERSTATE 205 MULTIUSE PATH

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1.00	LS	\$30,000.00	\$30,000.00
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	1.00	LS	\$5,000.00	\$5,000.00
3	TEMPORARY SIGNS	265.50	SF	\$14.00	\$3,717.00
4	TEMPORARY BARRICADES, TYPE II	15.00	EA	\$28.00	\$420.00
5	TEMPORARY BARRICADES, TYPE III	2.00	EA	\$49.00	\$98.00
6	TEMPORARY PEDESTRIAN WALKWAY	8.00	FT	\$100.00	\$800.00
7	FLAGGERS	12.50	HR	\$44.00	\$550.00
8	TEMPORARY TYPE ORANGE PLASTIC MESH FENCE	82.00	FT	\$7.00	\$574.00
9	EROSION CONTROL	0.84	LS	\$2,000.00	\$1,674.28
10	SEDIMENT FENCE, UNSUPPORTED	770.00	FT	\$1.50	\$1,155.00
11	INLET PROTECTION	2.00	EA	\$200.00	\$400.00
12	POLLUTION CONTROL PLAN	1.00	LS	\$500.00	\$500.00
13	REMOVAL OF STRUCTURES & OBSTRUCTIONS	0.75	LS	\$7,000.00	\$5,280.02
14	CLEARING AND GRUBBING	1.00	LS	\$3,000.00	\$3,000.00
15	GENERAL EXCAVATION	1,500.00	CY	\$16.00	\$24,000.00
16	12 INCH SUBGRADE STABILIZATION	11.10	SY	\$20.00	\$222.00
17	SUBGRADE GEOTEXTILE	2,180.70	SY	\$1.00	\$2,180.70
18	VIDEO INSPECTION OF SEWERS, MAINLINE	37.00	FT	\$10.00	\$370.00
19	STORMWATER CURB EXTENSIONS	3,141.00	SF	\$18.00	\$56,538.00
20	CONCRETE INLETS, TYPE CG-2	1.00	EA	\$1,800.00	\$1,800.00
21	CONCRETE INLETS, TYPE OVERFLOW DRAIN	6.00	EA	\$1,500.00	\$9,000.00
22	CONCRETE INLETS, TYPE METAL MODIFIED	11.00	EA	\$1,050.00	\$11,550.00
23	CONCRETE INLETS, TYPE CONCRETE	4.00	EA	\$700.00	\$2,800.00
24	CONCRETE INLETS, TYPE CHANNEL & GRATE	1.00	EA	\$2,800.00	\$2,800.00
25	ADJUSTING BOXES	7.00	EA	\$200.00	\$1,400.00
26	MINOR ADJUSTMENT OF MANHOLES	2.00	EA	\$500.00	\$1,000.00
27	PLANTER WALL	460.50	FT	\$29.00	\$13,354.50
28	AGGREGATE BASE	1,376.16	TN	\$25.00	\$34,404.00
29	LEVEL 2, 1/2 INCH DENSE, MHMAC MIXTURE	383.18	TN	\$68.55	\$26,266.99
30	EXTRA FOR ASPHALT APPROACHES	6.00	EA	\$380.00	\$2,280.00
31	CONCRETE CURBS, CURB AND GUTTER	876.00	FT	\$19.00	\$16,644.00
32	CONCRETE CURBS, STANDARD CURB	25.50	FT	\$18.00	\$459.00
33	CONCRETE CURBS, THICKENED CURB AND GUTTER	384.00	FT	\$20.00	\$7,680.00
34	CONCRETE DRIVEWAYS	1,493.39	SF	\$6.00	\$8,960.34
35	CONCRETE WALKS	5,958.96	SF	\$4.00	\$23,835.84
36	CONCRETE DRIVEWAY CONNECTIONS	187.00	SF	\$6.00	\$1,122.00
37	MONO-DIRECTIONAL WHITE TYPE I MARKERS	18.00	EA	\$4.50	\$81.00
38	REMOVE EXISTING SIGNS	1.00	LS	\$300.00	\$300.00
39	REMOVE & REINSTALL EXISTING SIGNS	0.11	LS	\$850.00	\$94.44
40	SIGN SUPPORT FOOTINGS, BREAKAWAY	0.25	LS	\$1,550.00	\$387.50
41	PIPE SIGN SUPPORTS	0.25	LS	\$3,500.00	\$875.00
42	TYPE "G" SIGNS IN PLACE	8.30	SF	\$21.00	\$174.30
43	TYPE "R" SIGNS IN PLACE	6.30	SF	\$15.00	\$94.50
44	TYPE "W1" SIGNS IN PLACE	6.00	SF	\$15.00	\$90.00
45	LAWN SEEDING	491.90	SY	\$1.75	\$860.83
46	TOPSOIL	44.00	CY	\$30.00	\$1,320.00
47	REMOVING AND REBUILDING FENCE	14.00	FT	\$36.00	\$504.00
48	CHANGE ORDER NO 2 - MODIFY CHANNEL INLET GRATE	1.00	LS	\$560.40	\$560.40
49	CHANGE ORDER NO 3 - MODIFY SIDEWALK SCORING	1.00	LS	\$6,010.20	\$6,010.20
50	CHANGE ORDER NO 5 - RELOCATE INLET & INSTALL MODIFIED CONCRETE INLET	1.00	LS	\$2,899.44	\$2,899.44
51	CHANGE ORDER NO 7 - ADDITIONAL CONSTRUCTION TIME	1.00	LS	\$1,242.99	\$1,242.99
52	CHANGE ORDER NO 8 - CONCRETE FOR I-205 MULTIUSE PATH	4,477.57	LS	\$6.00	\$26,865.42

TOTAL BID ITEMS

\$344,195.69

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NE 97TH AVENUE GREEN STREET LID: NE 97TH AVENUE PHASE II CONSTRUCTION (KODIAK PACIFIC CONSTRUCTION CO.)

STREET, SIDEWALK AND STORMWATER IMPROVEMENTS TO NE 97TH AVENUE FROM GLISAN STREET TO DAVIS STREET
EXCLUDING INTERSTATE 205 MULTIUSE PATH

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	0.12	LS	\$70,461.53	\$8,737.48
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	0.12	LS	\$4,900.00	\$607.62
3	FLAGGERS	36.38	HOURL	\$45.00	\$1,636.88
4	EROSION CONTROL	0.12	LS	\$2,200.00	\$272.81
5	POLLUTION CONTROL PLAN	0.12	LS	\$300.00	\$37.20
6	REMOVAL OF STRUCTURES & OBSTRUCTIONS	0.12	LS	\$14,600.00	\$1,810.45
7	CLEARING AND GRUBBING	0.12	LS	\$11,800.00	\$1,463.24
8	TREE TRIMMING	4.00	HOURL	\$135.00	\$540.00
9	GENERAL EXCAVATION	39.00	CUYD	\$19.00	\$741.00
10	12 INCH SUBGRADE STABILIZATION	3.00	SQYD	\$17.50	\$52.50
11	ADJUSTING BOXES	1.00	EACH	\$95.00	\$95.00
12	PLANTER WALL	134.00	SQFT	\$30.50	\$4,087.00
13	AGGREGATE BASE	12.00	TON	\$19.40	\$232.80
14	LEVEL 2, 1/2 INCH DENSE, MWMAC MIXTURE	7.00	TON	\$84.00	\$588.00
15	CONCRETE DRIVEWAYS	494.00	SQFT	\$5.75	\$2,840.50
16	CONCRETE WALKS	2,831.00	SQFT	\$5.40	\$15,287.40
17	MONOLITHIC CURB AND SIDEWALKS	414.00	SQFT	\$5.90	\$2,442.60
18	REMOVE EXISTING SIGNS	0.50	LS	\$51.00	\$25.50
19	REMOVE & REINSTALL EXISTING SIGNS	1.00	LS	\$155.00	\$155.00
20	TYPE "G" SIGNS IN PLACE	2.50	SQFT	\$105.00	\$262.50
21	LAWN SEEDING	268.00	SQYD	\$2.35	\$629.80
22	TOPSOIL	45.00	CUYD	\$36.00	\$1,620.00
23	C.O. #10 - LARGER UNDERGROUND UTILITY CONDUIT SYSTEM	0.47	0	\$63,930.28	\$29,967.32
24	C.O. #11 - SANITARY SEWER LATERAL EXTENSIONS	1.00	0	\$7,330.00	\$7,329.99
25	C.O. #13A - LARGER STREET LIGHTING SYSTEM	0.38	0	\$75,488.00	\$28,308.00
26	C.O. #14A - MOBILIZATION	1.00	0	\$5,007.00	\$5,007.00
27	C.O. #14B - UTILITY TRENCH EXCAVATION	1.00	0	\$4,640.00	\$4,640.00
28	C.O. #14C - UTILITY VAULT INSTALLATION	1.00	0	\$7,980.00	\$7,980.00
29	C.O. #14D - UTILITY CONDUIT BORING UNDER SIDEWALK & CONDUIT INSTALLATION	1.00	0	\$3,500.00	\$3,500.00
30	C.O. #14E - UTILITY EXCAVATION AND PREPARATION	1.00	0	\$1,600.00	\$1,600.00
31	C.O. #14F - STREET LIGHT CONDUIT EXCAVATION	1.00	0	\$6,000.00	\$6,000.00
	ROUNDING				\$0.01

TOTAL BID ITEMS

\$138,497.60

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NE 97TH AVENUE GREEN STREET LID: NE 97TH AVENUE PHASE II CONSTRUCTION (KODIAK PACIFIC CONSTRUCTION CO.)

STREET, SIDEWALK AND STORMWATER IMPROVEMENTS TO NE EVERETT COURT FROM 97TH AVENUE TO 99TH AVENUE

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	0.31	LS	\$70,461.53	\$21,920.34
2	TEMPORARY PROTECTION & DIRECTION OF TRAFFIC	0.31	LS	\$4,900.00	\$1,524.37
3	FLAGGERS	109.13	HOURL	\$45.00	\$4,910.63
4	EROSION CONTROL	0.31	LS	\$2,200.00	\$684.41
5	POLLUTION CONTROL PLAN	0.31	LS	\$300.00	\$93.33
6	REMOVAL OF STRUCTURES & OBSTRUCTIONS	0.31	LS	\$14,600.00	\$4,542.01
7	CLEARING AND GRUBBING	0.31	LS	\$11,800.00	\$3,670.94
8	GENERAL EXCAVATION	116.43	CUYD	\$19.00	\$2,212.17
9	12 INCH SUBGRADE STABILIZATION	199.67	SQYD	\$17.50	\$3,494.23
10	STORMWATER CURB EXTENSIONS	699.00	SQFT	\$12.50	\$8,737.50
11	CONCRETE INLETS, TYPE CONCRETE	4.00	EACH	\$135.00	\$540.00
12	AGGREGATE BASE	221.08	TON	\$19.40	\$4,288.95
13	LEVEL 2, 1/2 INCH DENSE, MWMAC MIXTURE	115.14	TON	\$84.00	\$9,671.76
14	PLAIN CONCRETE PAVEMENT, UNDOVELLED, 6 INCH THICK	36.70	SQYD	\$58.00	\$2,128.60
15	CONCRETE CURBS, CURB AND GUTTER	361.80	FOOT	\$12.50	\$4,522.50
16	CONCRETE CURBS, THICKENED CURB AND GUTTER	96.00	FOOT	\$24.35	\$2,337.60
17	CONCRETE DRIVEWAYS	778.60	SQFT	\$5.75	\$4,476.95
18	CONCRETE WALKS	1,669.30	SQFT	\$5.40	\$9,014.22
19	MONOLITHIC CURB AND SIDEWALKS	633.16	SQFT	\$5.90	\$3,735.64
20	SIGN SUPPORT FOOTINGS, BREAKAWAY	0.50	LS	\$1,035.00	\$517.50
21	PIPE SIGN SUPPORTS	0.50	LS	\$825.00	\$412.50
22	TYPE "G" SIGNS IN PLACE	15.80	SQFT	\$105.00	\$1,659.00
23	TYPE "R" SIGNS IN PLACE	14.70	SQFT	\$72.50	\$1,065.75
24	TYPE "W1" SIGNS IN PLACE	15.00	SQFT	\$72.50	\$1,087.50
25	LAWN SEEDING	64.30	SQYD	\$2.35	\$151.11
26	TOPSOIL	27.00	CUYD	\$36.00	\$972.00
27	C.O. #10 - LARGER UNDERGROUND UTILITY CONDUIT SYSTEM	0.78	0	\$63,930.28	\$49,945.53
28	C.O. #12A - CESSPOOLS	1.00	0	\$1,535.00	\$1,535.00
29	C.O. #12B - UTILITY VAULTS	1.00	0	\$2,750.00	\$2,750.00
30	C.O. #12C - NE 99TH AVENUE CURB RAMP	1.00	0	\$310.20	\$310.20
31	C.O. #12D - REINFORCED CONCRETE	1.00	0	\$255.00	\$255.00
32	C.O. #12E - CONCRETE REBAR	1.00	0	\$1,260.00	\$1,260.00
33	C.O. #12F - PEDESTRIAN ACCESS	1.00	0	\$95.00	\$95.00
34	C.O. #12G - MOVE TEMPORARY FENCE	1.00	0	\$200.00	\$200.00
35	C.O. #12H - 1ST ADJUSTMENT	0.19	0	\$2,489.80	\$473.06
36	C.O. #13A - LARGER STREET LIGHTING SYSTEM	0.63	0	\$75,488.00	\$47,180.00
37	C.O. #13B - UPGRADE POWER FEED VAULT	1.00	0	\$775.00	\$775.00
38	C.O. #13C - RELOCATE POLE BASE	1.00	0	\$458.00	\$458.00
39	C.O. #13D - CONDUIT	1.00	0	\$1,143.00	\$1,143.00
	ROUNDING				-\$0.02

TOTAL BID ITEMS

\$204,751.28