



King County

Department of Permitting and Environmental Review
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Critical Areas Mitigation
Bond Quantity Worksheet

C24 09/09/2015
ls-wks-sensareaBQ.xls
ls-wks-sensareaBQ.pdf

Project Name: Headrick-SE 62nd St 3/6/20 Prepared by: Wetland Resources, Inc.

Project Number: CAO19-014 Project Description:

Location: Applicant: Phone:

PLANT MATERIALS (includes labor cost for plant installation)

Table with 6 columns: Type, Unit Price, Unit, Quantity, Description, Cost. Rows include various plant types like Potted, Container, Seeding, Slips, Stakes, and Flats/plugs. Total cost is \$379.50.

INSTALLATION COSTS (LABOR, EQUIPMENT, & OVERHEAD)

Table with 6 columns: Type, Unit Price, Unit, Quantity, Description, Cost. Rows include Compost, Decomacting till/hardpan, Hydroseeding, Labor, Rental, Sand, Staking material, Surveying, Watering, Irrigation, and Tilling. Total cost is \$158.60.

HABITAT STRUCTURES*

Table with 6 columns: ITEMS, Unit Cost, Unit, Quantity, Description, Cost. Rows include Fascines, Logs, Rocks, Root wads, Spawning gravel, Weir, Woody debris, and Snags. Total cost is \$800.00.

* All costs include delivery and installation

EROSION CONTROL

Table with 6 columns: ITEMS, Unit Cost, Unit, Quantity, Description, Cost. Rows include Backfill and Compaction-embankment, Crushed surfacing, Ditching, Excavation, and Fence, silt. Total cost is \$16.00.

Jute Mesh	\$1.26	SY		\$	-
Mulch, by hand, straw, 2" deep	\$1.27	SY		\$	-
Mulch, by hand, wood chips, 2" deep	\$3.25	SY	79.00	\$	256.75
Mulch, by machine, straw, 1" deep	\$0.32	SY		\$	-
Piping, temporary, CPP, 6"	\$9.30	LF		\$	-
Piping, temporary, CPP, 8"	\$14.00	LF		\$	-
Piping, temporary, CPP, 12"	\$18.00	LF		\$	-
Plastic covering, 6mm thick, sandbagged	\$2.00	SY		\$	-
Rip Rap, machine placed, slopes	\$33.98	CY		\$	-
Rock Constr. Entrance 100'x15'x1'	\$3,000.00	Each		\$	-
Rock Constr. Entrance 50'x15'x1'	\$1,500.00	Each		\$	-
Sediment pond riser assembly	\$1,695.11	Each		\$	-
Sediment trap, 5' high berm	\$15.57	LF		\$	-
Sediment trap, 5' high berm w/spillway incl. riprap	\$59.60	LF		\$	-
Sodding, 1" deep, level ground	\$5.24	SY		\$	-
Sodding, 1" deep, sloped ground	\$6.48	SY		\$	-
Straw bales, place and remove	\$600.00	TON		\$	-
Hauling and disposal	\$20.00	CY		\$	-
Topsoil, delivered and spread	\$35.73	CY	79.00	\$	2,822.67
				TOTAL	\$ 3,079.42

GENERAL ITEMS

ITEMS	Unit Cost	Unit		Cost	
Fencing, chain link, 6' high	\$18.89	LF		\$ -	
Fencing, chain link, corner posts	\$111.17	Each		\$ -	
Fencing, chain link, gate	\$277.63	Each		\$ -	
Fencing, split rail, 3' high (2-rail)	\$10.54	LF		\$ -	
Fencing, temporary (NGPE)	\$1.20	LF		\$ -	
Signs, sensitive area boundary (inc. backing, post, install)	\$28.50	Each		\$ -	
				TOTAL	\$ -

OTHER

			<i>(Construction Cost Subtotal)</i>	\$ 3,617.52	
ITEMS	Percentage of Construction Cost	Unit		Cost	
Mobilization	10%	1		\$ 361.75	
Contingency	30%	1		\$ 1,085.26	
				TOTAL	\$ 1,447.01

MAINTENANCE AND MONITORING

NOTE: Projects with multiple permit requirements may be required to have longer monitoring and maintenance terms. This will be evaluated on a case-by-case basis for development applications. Monitoring and maintenance ranges may be assessed anywhere from 5 to 10 years.

Maintenance, annual (by owner or consultant)					
Less than 1,000 sq.ft. and buffer mitigation only	\$ 1.08	SF	707.00	(3 X SF total for 3 annual events; Includes monitoring) \$ 763.56	
Less than 1,000 sq.ft. with wetland or aquatic area mitigation	\$ 1.35	SF		(3 X SF total for 3 annual events; Includes monitoring) \$ -	
Larger than 1,000 sq. ft. but less than 5,000 sq.ft. of buffer mitigation	\$ 180.00	EACH		(4hr @\$45/hr) \$ -	
Larger than 1,000 sq. ft. but less than 5,000 sq.ft. of wetland or aquatic area mitigation	\$ 270.00	EACH		(6hr @\$45/hr) \$ -	
Larger than 5,000 sq.ft. but < 1 acre -buffer mitigation only	\$ 360.00	EACH		(8 hrs @ 45/hr) \$ -	
Larger than 5,000 sq.ft. but < 1 acre with wetland or aquatic area mitigation	\$ 450.00	EACH		(10 hrs @ \$45/hr) \$ -	
Larger than 1 acre but < 5 acres - buffer and /or wetland or aquatic area mitigation	\$ 1,600.00	DAY		(WEC crew) \$ -	
Larger than 5 acres - buffer and /or wetland or aquatic area mitigation	\$ 2,000.00	DAY		(1.25 X WEC crew) \$ -	
Monitoring, annual (by owner or consultant)					
Larger than 1,000 sq.ft. but less than 5,000 wetland or buffer mitigation	\$ 720.00	EACH	1.00	(8 hrs @ 90/hr) \$ 720.00	
Larger than 5,000 sq.ft. but < 1 acre with wetland or aquatic area impacts	\$ 900.00	EACH		(10 hrs @ \$90/hr) \$ -	
Larger than 1 acre but < 5 acres - buffer and /or wetland or aquatic area impacts	\$ 1,440.00	DAY		(16 hrs @ \$90/hr) \$ -	
Larger than 5 acres - buffer and /or wetland or aquatic area impacts	\$ 2,160.00	DAY		(24 hrs @ \$90/hr) \$ -	
				TOTAL	\$ 1,483.56

Total	\$6,548.09
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