

Ditching

Fence, silt

Excavation, bulk

Department of Permitting and Environmental Review

35030 SE Douglas Str, Suite 210 Snoqualmie, WA 98065-9266 206-296-6600 TTY Relay: 711 Critical Areas Mitigation

Bond Quantity Worksheet

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

Wetland Resources, Inc. **Project Name:** Headrick-SE 62nd St 3/6/20 Prepared by: Project Number: CAO19-014 **Project Description:** Location: Applicant: Phone: PLANT MATERIALS (includes labor cost for plant installation) Unit Price Unit Quantity Cost Type Description PLANTS: Potted, 4" diameter, medium Each 33.00 PLANTS: Container, 1 gallon, medium soil \$11.50 379.50 Each PLANTS: Container, 2 gallon, medium soil \$20.00 Each PLANTS: Container, 5 gallon, medium soil \$36.00 Each PLANTS: Seeding, by hand \$0.50 SYPLANTS: Slips (willow, red-osier) \$2.00 Each PLANTS: Stakes (willow) \$2.00 Each PLANTS: Stakes (willow) \$2.00 Each PLANTS: Flats/plugs \$2.00 Each \$ TOTAL\$ 379.50 INSTALLATION COSTS (LABOR, EQUIPMENT, & OVERHEAD) Unit Price Unit Cost Compost, vegetable, delivered and spread \$37.88 CYDecompacting till/hardpan, medium, to 6" depth \$1.57 CYDecompacting till/hardpan, medium, to 12" depth \$1.57 CY\$ Hydroseeding \$0.51 SY Labor, general (landscaping other than plant installation) \$40.00 HR \$ Labor, general (construction) \$40.00 HR 2.00 Labor: Consultant, supervising \$55.00 HR 110.00 Labor: Consultant, on-site re-design \$95.00 HR Rental of decompacting machinery & operator \$70.00 HR Sand, coarse builder's, delivered and spread CY\$42.00 \$ Staking material (set per tree) \$7.00 Each Surveying, line & grade \$250.00 HR \$ Surveying, topographical \$250.00 HR \$ Watering, 1" of water, 50' soaker hose \$3.62 MSF \$ Irrigation - temporary 0.02 \$3,000.00 48.60 Acre Irrigation - buried \$4,500.00 Acre Tilling topsoil, disk harrow, 20hp tractor, 4"-6" deep \$1.02 SY TOTAL 158.60 **HABITAT STRUCTURES\*** Cost Unit Cost Unit Fascines (willow) 2.00 Each Logs, (cedar), w/ root wads, 16"-24" diam., 30' long \$1,000.00 Each Logs (cedar) w/o root wads, 16"-24" diam., 30' \$400.00 Each \$ Logs, w/o root wads, 16"-24" diam., 30' long \$245.00 Each Logs w/ root wads, 16"-24" diam., 30' long \$460.00 Each Rocks, one-man \$60.00 Each Rocks, two-man \$120.00 Each \$ Root wads \$163.00 Each Spawning gravel, type A \$22.00 CYWeir - log \$1,500.00 \$ Each Weir - adjustable \$2,000.00 Each Woody debris, large \$163.00 Each Snags - anchored \$400.00 Each Snags - on site \$50.00 Each \$ \$800.00 Snags - imported Each TOTAL All costs include delivery and installation S **EROSION CONTROL** ITEMS Unit Unit Cost Cost Backfill and Compaction-embankment 4.89 CY Crushed surfacing, 1 1/4" minus \$30.00 CY

\$7.03

\$4.00

\$1.60

CY

CY

LF

Jute Mesh	¢1.26	SY				\$	
Mulch, by hand, straw, 2" deep	\$1.26 \$1.27	SY				\$	<u>-</u>
Mulch, by hand, wood chips, 2" deep	\$3.25	SY	79.00			\$	256.75
Mulch, by machine, straw, 1" deep	\$0.32	SY	77.00			\$	230.73
Piping, temporary, CPP, 6"	\$9.30	LF				\$	
Piping, temporary, CPP, 8"						\$	
Piping, temporary, CPP, 12"	\$14.00	LF					-
Plastic covering, 6mm thick, sandbagged	\$18.00	LF				\$	-
	\$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
Topoon, donvoted and optoda	400.110		77.00		mom / r		
					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)	\$277.63 \$10.54	LF				\$	<u>-</u>
Fencing, splittall, 3 flight (2-fall) Fencing, temporary (NGPE)							-
	\$1.20	LF				\$	-
Signs, sensitive area boundary (inc. backing, post, install)	\$28.50	Each				\$	-
					TOTAL	\$	-
OTHER	_			(Construction C	Cost Subtotal)	\$	3,617.52
	Percentage of						
ITEMS	Construction						
	Cost	Unit				Cost	
Mobilization	10%	1				\$	361.75
		1					
Contingency	30%	1				\$	1,085.26
					TOTAL	s	1,447.01
MAINTENANCE AND MONITORING	monitoring ar basis for deve	nd maintenance t	erms. This will tions. Monitorii	nents may be require be evaluated on a co	ase-by-case		
Maintenance, annual (by owner or consultant)							
Less than 1,000 sq.ft. and buffer mitigation only	6 100	CT.	707.00	(3 X SF total for 3 a		¢	7/2.5/
	\$ 1.08	SF	/07.00	Includes monitoring) (3 X SF total for 3 a		\$	763.56
Less than 1,000 sq.ft. with wetland or aquatic area	\$ 1.35	SF		Includes monitoring)		\$	
mitigation Larger than 1,000 sq. ft. but less than 5,000 sq.ft. of buffer	\$ 1.33	31		includes monitoring)		Þ	
mitigation	\$ 180.00	EACH		(4hr @\$45/hr)		\$	_
Larger than 1,000 sq. ft. but less than 5,000 sq.ft. of wetland	ψ 100.00	Literi		(III (6)\$ 15/III)		Ψ	
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	¢ 450.00	ELOT		(10 hm 🗇 0455 )		¢	
area mitigation	\$ 450.00	EACH		(10 hrs @ \$45/hr)		\$	-
Larger than 1 acre but < 5 acres - buffer and / or wetland or	d 1 000 00	B.1		area :			
aquatic area mitigation	\$ 1,600.00	DAY		(WEC crew)		\$	-
Larger than 5 acres - buffer and / or wetland or aquatic						L	
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						I .	
			1	(10 hrs @ \$90/hr)		\$	-
area impacts	\$ 900.00	EACH		i e			
Larger than 1 acre but < 5 acres - buffer and / or wetland or	\$ 900.00						
·		EACH DAY		(16 hrs @ \$90/hr)		\$	-
Larger than 1 acre but < 5 acres - buffer and / or wetland or	\$ 900.00			(16 hrs @ \$90/hr)		\$	-
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts	\$ 900.00			(16 hrs @ \$90/hr) (24 hrs @ \$90/hr)		\$	<u> </u>
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts  Larger than 5 acres - buffer and / or wetland or aquatic	\$ 900.00 \$ 1,440.00	DAY			TOTAL	\$	-
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts  Larger than 5 acres - buffer and / or wetland or aquatic	\$ 900.00 \$ 1,440.00	DAY			TOTAL		1,483.56
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts  Larger than 5 acres - buffer and / or wetland or aquatic	\$ 900.00 \$ 1,440.00	DAY			TOTAL	\$	1,483.56
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts  Larger than 5 acres - buffer and / or wetland or aquatic	\$ 900.00 \$ 1,440.00	DAY			TOTAL	\$	1,483.56
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts  Larger than 5 acres - buffer and / or wetland or aquatic	\$ 900.00 \$ 1,440.00	DAY				\$ \$	
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts  Larger than5 acres - buffer and / or wetland or aquatic	\$ 900.00 \$ 1,440.00	DAY			TOTAL Total	\$ \$	1,483.56