



Department of Permitting
 Environmental Review
 35030 SE Douglas Str, Suite 210
 King County, Snoqualmie, WA 98065-9266
 206-296-6800 TTY Relay: 711

**Critical Areas Mitigation
 Bond Quantity Worksheet**

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

Project Name: **'BLUE' SHOTS PLANT
 -PRICE**

Date: **12-16-2019** Prepared by: **LEIF ANDERSON
 ARCHITECT/AGENT**

Project Number:

Project Description: **3 LOT SHOTS PLANT OF
 2.39 ACRES #15-672-4963**

Location: **9740 SE 35TH PLACE
 MORGAN ISLAND, WA 98040**

Applicant: **ON THE ROCK
 98040, LLC** Phone: **206-679-2320**

PLANT MATERIALS (includes labor cost for plant installation)
 PLEASE NOTE THAT THIS SITE IS ALREADY COMPLETELY LANDSCAPED & WILL REMAIN INTACT.

Type	Unit Price	Unit	Quantity	Description	Cost
PLANTS: Potted, 4" diameter, medium	\$5.00	Each	30	SHAUB	\$ 150.00 -
PLANTS: Container, 1 gallon, medium soil	\$11.50	Each	10	SHAUB	\$ 115.00 -
PLANTS: Container, 2 gallon, medium soil	\$20.00	Each	10	BUSH	\$ 200.00 -
PLANTS: Container, 5 gallon, medium soil	\$36.00	Each	10	BUSH	\$ 360.00 -
PLANTS: Seeding, by hand	\$0.50	SY	-		\$ -
PLANTS: Stipes (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					\$ 825.00 -

INSTALLATION COSTS (LABOR, EQUIPMENT, & OVERHEAD)

Type	Unit Price	Unit	Quantity	Description	Cost
Compost, vegetable, delivered and spread	\$37.88	CY	10		\$ 378.80 -
Decomposing till/hardpan, medium, to 6" depth	\$1.57	CY	-		\$ -
Decomposing till/hardpan, medium, to 12" depth	\$1.57	CY	-		\$ -
Hydroseeding	\$0.51	SY	-		\$ -
Labor, general (landscaping other than plant installation)	\$40.00	HR	20		\$ 800.00 -
Labor, general (construction)	\$40.00	HR	100		\$ 4000.00 -
Labor: Consultant, supervising	\$55.00	HR	10		\$ 550.00 -
Labor: Consultant, on-site re-design	\$95.00	HR	5		\$ 475.00 -
Rental of decomposing machinery & operator	\$70.00	HR	10		\$ 700.00 -
Sand, coarse builder's, delivered and spread	\$42.00	CY	-		\$ -
Staking material (set per tree)	\$7.00	Each	-		\$ -
Surveying, line & grade	\$250.00	HR	-	ALREADY DONE	\$ -
Surveying, topographical	\$250.00	HR	-	" "	\$ -
Watering, 1" of water, 50' socker hose	\$3.62	MSF	-		\$ -
Irrigation - temporary	\$3,000.00	Acre	NA		\$ -
Irrigation - buried	\$4,500.00	Acre		ALREADY DONE	\$ -
Tilling topsoil, disk harrow, 20hp tractor, 4'-5" deep	\$1.02	SY	-		\$ -
TOTAL					\$ 6903.80 -

HABITAT STRUCTURES*

ITEMS	Unit Cost	Unit	Quantity	Description	Cost
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	\$480.00	Each	-		\$ -
Rocks, one-man	\$60.00	Each	20		\$ 1200.00 -
Rocks, two-man	\$120.00	Each	50		\$ 6000.00 -
Root wads	\$163.00	Each	-		\$ -
Spawning gravel, type A	\$22.00	CY	-		\$ -
Weir - 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	-		\$ -
Snags - imported	\$800.00	Each	-		\$ -
TOTAL					\$ 7200.00 -

* All costs include delivery and installation

EROSION CONTROL

ITEMS	Unit Cost	Unit	Quantity	Description	Cost
Backfill and Compaction-embankment	\$ 4.89	CY	-		\$ -
Crushed surfacing, 1 1/4" minus	\$30.00	CY	-		\$ -
Ditching	\$7.03	CY	-		\$ -
Excavation, bulk	\$4.00	CY	54		\$ 216.00 -
Fence, silt	\$1.60	LF	360		\$ 576.00 -
Jute Mesh	\$1.26	SY	-		\$ -
Mulch, by hand, straw, 2" deep	\$1.27	SY	120		\$ 152.40 -
Mulch, by hand, wood chips, 2" deep	\$3.25	SY	90		\$ 292.50 -
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"x15x1'	\$3,000.00	Each	-		\$ -
Rock Constr. Entrance 50"x15x1'	\$1,500.00	Each	1		\$ 1500.00 -
Sediment pond riser assembly	\$1,895.11	Each	-		\$ -
Sediment trap, 5' high berm	\$15.57	LF	-		\$ -
Sediment trap, 5' high berm w/rip rap 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	\$800.00	TON	-		\$ -
Hauling and disposal	\$20.00	CY	54		\$ 1080.00 -
Topsoil, delivered and spread	\$35.73	CY	100		\$ 3573.00 -
TOTAL					\$ 7389.90

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	\$ 57.00
TOTAL			\$ 57.00

OTHER

ITEMS	Percentage of Construction Cost	Unit	Cost
Mobilization	10%	1	\$ 2237.57
Contingency	30%	1	\$ -
TOTAL			\$ 6712.71

(Construction Cost Subtotal) \$ 22,375.70

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)	Unit Cost	Unit	Cost
Less than 1,000 sq.ft. and buffer mitigation only	\$ 1.08	SF	\$ -
Less than 1,000 sq.ft. with wetland or aquatic area mitigation	\$ 1.35	SF	\$ -
Larger than 1,000 sq. ft. but less than 5,000 sq.ft. of buffer mitigation	\$ 180.00	EACH	\$ -
Larger than 1,000 sq. ft. but less than 5,000 sq.ft. of wetland or aquatic area mitigation	\$ 270.00	EACH	\$ -
Larger than 5,000 sq.ft. but < 1 acre -buffer mitigation only	\$ 360.00	EACH	\$ 360.00
Larger than 5,000 sq.ft. but < 1 acre with wetland or aquatic area mitigation	\$ 450.00	EACH	\$ -
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area mitigation	\$ 1,600.00	DAY	\$ -
Larger than 5 acres - buffer and / or wetland or aquatic area mitigation	\$ 2,000.00	DAY	\$ -
Monitoring, annual (by owner or consultant)			
Larger than 1,000 sq.ft. but less than 5,000 wetland or buffer mitigation	\$ 720.00	EACH	\$ -
Larger than 5,000 sq.ft. but < 1 acre with wetland or aquatic area impacts	\$ 900.00	EACH	\$ -
Larger than 1 acre but < 5 acres - buffer and / or wetland or aquatic area impacts	\$ 1,440.00	DAY	\$ -
Larger than 5 acres - buffer and / or wetland or aquatic area impacts	\$ 2,160.00	DAY	\$ -
TOTAL			\$ 360.00

Total 31,685.48