

COAL CREEK DRIVE LONG TERM BANK
 PROTECTION PROJECT
 SM15F739300030
 FEMA PROJECT NO. DR 4253
 June 12, 2018
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Orion Marine Contractors, Inc.
 1112 East Alexander Ave
 Tacoma, WA 98421
 (253) 552-1140

Granite Construction Company
 3200 113th Avenue SW
 Olympia, WA 98512-9160

Qui

Engineers Estimate

				\$1,509,195.00		\$1,771,366.00		\$0.00		\$1,422,124.00
1	MOBILIZATION	1 L.S.	\$ 150,000.00	\$150,000.00	\$ 183,500.00	\$183,500.00	\$0.00	\$129,284.00	\$ 129,284.00	
2	CLEARING AND GRUBBING	1 L.S.	\$ 25,000.00	\$25,000.00	\$ 21,000.00	\$21,000.00	\$0.00	\$30,000.00	\$ 30,000.00	
3	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1 L.S.	\$ 20,000.00	\$20,000.00	\$ 15,000.00	\$15,000.00	\$0.00	\$3,500.00	\$ 3,500.00	
4	ROADWAY EXCAVATION INCL. HAUL	60 C.Y.	\$ 100.00	\$6,000.00	\$ 400.00	\$24,000.00	\$0.00	\$50.00	\$ 3,000.00	
5	WATER ISOLATION	1 L.S.	\$ 420,000.00	\$420,000.00	\$ 645,000.00	\$645,000.00	\$0.00	\$425,000.00	\$ 425,000.00	
6	STABILIZED CONSTRUCTION ENTRANCE	190 S.Y.	\$ 100.00	\$19,000.00	\$ 70.00	\$13,300.00	\$0.00	\$75.00	\$ 14,250.00	
7	CRUSHED SURFACING BASE COURSE	316 TON	\$ 80.00	\$25,280.00	\$ 1.00	\$316.00	\$0.00	\$50.00	\$ 15,800.00	
8	CRUSHED SURFACING TOP COURSE	72 TON	\$ 100.00	\$7,200.00	\$ 125.00	\$9,000.00	\$0.00	\$55.00	\$ 3,960.00	
9	TYPE 1 LOG	13 EACH	\$ 2,500.00	\$32,500.00	\$ 1,300.00	\$16,900.00	\$0.00	\$2,400.00	\$ 31,200.00	
10	TYPE 2 LOG	98 EACH	\$ 3,000.00	\$294,000.00	\$ 2,050.00	\$200,900.00	\$0.00	\$3,000.00	\$ 294,000.00	
11	TYPE 3 LOG	37 EACH	\$ 3,000.00	\$111,000.00	\$ 2,100.00	\$77,700.00	\$0.00	\$3,000.00	\$ 111,000.00	
12	BOULDER ANCHOR	235 EACH	\$ 1,000.00	\$235,000.00	\$ 1,850.00	\$434,750.00	\$0.00	\$1,000.00	\$ 235,000.00	
13	CHANNEL EXCAVATION INCL. HAUL	380 C.Y.	\$ 65.00	\$28,400.00	\$ 20.00	\$7,200.00	\$0.00	\$75.00	\$ 27,000.00	
14	QUARRY SPALLS	15 TON	\$ 130.00	\$1,950.00	\$ 88.00	\$1,320.00	\$0.00	\$75.00	\$ 1,125.00	
15	SEEDING AND MULCHING	0.50 ACRE	\$ 8,000.00	\$4,000.00	\$ 6,200.00	\$3,100.00	\$0.00	\$10,000.00	\$ 5,000.00	
16	CONSTRUCTION SIGNS CLASS A	84.5 S.F.	\$ 70.00	\$5,915.00	\$ 40.00	\$3,380.00	\$0.00	\$40.00	\$ 3,380.00	
17	STREAMSIDE MITIGATION PLANTING	1 L.S.	\$ 15,000.00	\$15,000.00	\$ 12,000.00	\$12,000.00	\$0.00	\$10,000.00	\$ 10,000.00	
18	ROCK FOR EROSION AND SCOUR PROTECTION, CLA	885 TON	\$ 110.00	\$98,450.00	\$ 100.00	\$89,500.00	\$0.00	\$75.00	\$ 67,125.00	
19	EROSION/WATER POLLUTION CONTROL	1 EST.	\$ 8,000.00	\$8,000.00	\$ 8,000.00	\$8,000.00	\$0.00	\$8,000.00	\$ 8,000.00	
20	TRIMMING AND CLEANUP	1 L.S.	\$ 5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00	\$0.00	\$2,500.00	\$ 2,500.00	
21	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST.	\$ 0.00	\$0.00	\$ 0.00	\$0.00	\$0.00	\$0.00	\$ 0.00	
22	SPCC PLAN	1 L.S.	\$ 2,500.00	\$2,500.00	\$ 500.00	\$500.00	\$0.00	\$2,000.00	\$ 2,000.00	