

Roaring Creek (RM 1.4-2.8) Floodplain Reconnection Project

Cost Estimate - Draft Preliminary Design

5/21/2025

RSI and Lichen

Item #	Item	Qty	Units	Unit cost	Total	Notes
1	Mobilization	1	Lump Sum	\$ 65,000	\$ 65,000	Includes overhead, mob/demob, etc
2	Revegetation	8	acre	\$ 7,500	\$ 60,000	Includes seeding and mid density planting
3	Environment Management Measures	1	Lump Sum	\$ 23,500	\$ 24,000	
4	Water By-Pass Installed with Materials	1	Lump Sum	\$ 65,000	\$ 65,000	Staged piped by-pass, coffer dams, misc pumps
5	Misc Equipment for Fire, Water Control	1	Lump Sum	\$ 18,000	\$ 18,000	
6	Reconnection Riffles	2300	cu-yrds	\$ 36	\$ 83,000	Transport and placement, assumes riffle material harvested on-site, boulders imported.
7	Earthwork (Cut/Fill)	13000	cu-yrds	\$ 15	\$ 195,000	Assumes 100% materials collected on-site
8	Roughness Material/Willows (acre)	11	acre	\$ 9,500	\$ 105,000	Assumes 50% materials collected on-site
9	Place Large Wood and Slash (roughness)	11	acre	\$ 5,500	\$ 61,000	
10	Large Wood	479	Lump Sum	\$ 450	\$ 216,000	Assumes 25% of materials collected on-site
11	State Tax	\$ 890,000	Lump Sum	7.5%	\$ 67,000	
	PROJECT TOTAL				\$ 960,000	