



5/4/23

Mr. Scott Benda
City of Valdez, Capital Improvements
P.O. Box 307, Pioneer Field STE. 201
Valdez, AK 99686

**Subject: Glacier Stream Construction Erosion Mitigation Amendment
1136.63643.01**

Dear Mr. Benda:

Please find attached the revised proposal for the additional survey required by the Alaska Department of Natural Resources (DNR) for the Glacier Haul Road Erosion Site Project.

The proposed work includes the design and drafting of a riprap trench buried along the Glacier Stream Haul Road that is intended to act as a preventative measure against aggressive erosion induced by Glacier Stream. As we have discussed with you and DNR, the requirements for the lease are specific and we agree that these be incorporated into the drawings by DOWL.

The appended proposal includes all work for the survey, design, and construction of the project. The increase in survey costs to meet the needs of DNR for this task is \$21,158.5.

Sincerely,
DOWL

A handwritten signature in blue ink that reads "Bradley M. Melocik".

Bradley Melocik
Senior Water Resources Engineer

Attachment(s): As stated



Project: Glacier Dump Road Erosion Client: City of Valdez Project or Contract #: 1136.63xx.01 8/29/2022							Prepared By: EA MacLeod Reviewed By: B Melocik
Summary							
Phase Name	Task		Labor Subtotal		Direct Expenses Subtotal	Subconsultants	Project Totals
			Hours	Cost			
Phase 1: Project Admin	1	Kick-off meeting with City of Valdez	16	\$ 2,660.00	\$ -	\$ -	\$ 2,660.00
	2	Bi-weekly coordination calls	24	\$ 4,380.00	\$ -	\$ -	\$ 4,380.00
	3	Schedule updates	6	\$ 1,030.00	\$ -	\$ -	\$ 1,030.00
	6		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	46	\$ 8,070.00	\$ -
Phase 2: Site Visit	1	Travel	8	\$ 1,040.00	\$ 965.00	\$ -	\$ 2,005.00
	2	Meet CoV/FMT to set scope and expectations for design	4	\$ 520.00	\$ -	\$ -	\$ 520.00
	3	Site Assessment/Data Collection	20	\$ 2,600.00	\$ 450.00	\$ -	\$ 3,050.00
	4	Site Visit Report	10	\$ 1,550.00	\$ -	\$ -	\$ 1,550.00
	6		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	42	\$ 5,710.00	\$ 1,415.00
Phase 3: Survey	1	Project Management	2	\$ 460.00	\$ -	\$ -	\$ 460.00
	2	Design Survey	84	\$ 10,800.00	\$ 3,097.50	\$ -	\$ 13,897.50
	3	Drafting	70	\$ 8,600.00	\$ -	\$ -	\$ 8,600.00
	4	Reporting	20	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00
	5	QC Review	6	\$ 1,200.00	\$ -	\$ -	\$ 1,200.00
	6		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	182	\$ 23,560.00	\$ 3,097.50
Phase 4: Initial Design and Estimates	1	Design Philosophy/Memo	16	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00
	2	Design	56	\$ 7,760.00	\$ -	\$ -	\$ 7,760.00
	3	Quantities/ Engineer's Estimate	16	\$ 1,920.00	\$ -	\$ -	\$ 1,920.00
	4	Specs	12	\$ 1,520.00	\$ -	\$ -	\$ 1,520.00
	5	Quality Control	8	\$ 1,340.00	\$ -	\$ -	\$ 1,340.00
	6		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	108	\$ 14,940.00	\$ -
Phase 5: Permitting	1	DNR Land Use Permit	55	\$ 8,475.00	\$ 400.00	\$ -	\$ 8,875.00
	2	USACE Individual Permit	55	\$ 8,475.00	\$ -	\$ -	\$ 8,475.00
	3	ADEC Section 401 Water Quality	38	\$ 5,770.00	\$ 2,375.00	\$ -	\$ 8,145.00
	6		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	148	\$ 22,720.00	\$ 2,775.00
Phase 6: Final Design and Bidding Support	1	Final Design Philosophy/Memo	2	\$ 300.00	\$ -	\$ -	\$ 300.00
	2	PS&E Review with CoV/FMT	4	\$ 600.00	\$ -	\$ -	\$ 600.00
	3	100% Design	16	\$ 2,400.00	\$ -	\$ -	\$ 2,400.00
	4	100% Engineer's Estimate	6	\$ 900.00	\$ -	\$ -	\$ 900.00
	5	100% Specs	2	\$ 300.00	\$ -	\$ -	\$ 300.00
	6	Quality Control	4	\$ 860.00	\$ -	\$ -	\$ 860.00
	7		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	34	\$ 5,360.00	\$ -
Phase 7: Construction Admin	1	Site Observation (7 Days)	105	\$ 16,400.00	\$ -	\$ -	\$ 16,400.00
	2	Daily observation reports	37	\$ 5,875.00	\$ -	\$ -	\$ 5,875.00
	3	Project Management	4	\$ 730.00	\$ -	\$ -	\$ 730.00
	4	Project Review	4	\$ 600.00	\$ -	\$ -	\$ 600.00
	5	Project Closeout Assistance	8	\$ 1,330.00	\$ -	\$ -	\$ 1,330.00
	6	Response to Contractor Questions	16	\$ 2,660.00	\$ -	\$ -	\$ 2,660.00
	7		-	\$ -	\$ -	\$ -	\$ -
	<input checked="" type="checkbox"/> T&M	<input type="checkbox"/> Lump Sum	<input type="checkbox"/> Other	Subtotal	174	\$ 27,595.00	\$ -
TOTAL			734	\$ 107,955.00	\$ 7,287.50	\$ -	\$ 115,242.50