



Request for Quote

HB MINE TAILINGS FACILITY: DRILLING PROGRAM PRJ25026

ADDENDUM NO. 1

Issued: February 25, 2025

Closing Date: 2:00 pm Local Time, March 26, 2025

This Addendum shall be read in conjunction with and considered as an integral part of the Contract Documents; revisions supersede the information contained in the original specifications or previously issued Addendum. Price submitted shall include all items of this Addendum.

By this **Addendum No. 1**, dated February 25, 2025, the RFQ documents shall be amended as specified below.

Questions and Answers

Q1. I think there may have been an error in the grout mixture table. Both show 30 Gallons of water to 94 lbs cement to 25 lbs bentonite. The ratio by weight numbers are significantly different, and I suspect the weight values should be as well?

A1. Table 3 (Cement-bentonite grout mixture) below is corrected. The estimated grout quantities in Section 4 were confirmed to be correct.

Table 3: Cement-bentonite grout mixture

Application	Grout for Medium to Hard Soils (All boreholes except for tailings)		Grout for Soft Soils (SRK24-BH-02 – Tailings)	
	Weight	Ratio by Weight	Weight	Ratio by Weight
Water	30 gallons	2.5	75 gallons	6.6
Portland Cement	94 lbs. (1 sack)	1	94 lbs. (1 sack)	1
Bentonite	25 lbs. (as required)	0.3	39 lbs. (as required)	0.4
Notes	The 28-day compressive strength is about 50 psi, similar to very stiff or hard clay. The modulus is about 10,000 psi.		The 28-day strength of this mix is about 4 psi, similar to very soft clay.	

Sources: Mikkelsen, P.E., & Green, G.E. (2003). Piezometers in fully grouted boreholes, International Symposium on Field Measurements in Geomechanics, Oslo.

Q2. For this project can I submit alternative pricing to table C? There seems to be a high level of variable testing in the drilling that will make it very hard to cost out at a per meter rate and we would prefer to use our standard time and material pricing for this kind of work.

A2. Yes, contractors can submit alternate pricing schedules as long as items 1 through 6 below are included in the pricing schedule.

	Description	Qty	Unit	Unit Price	Total Price
	HB Mine Tailings Facility: Drilling Program PRJ25026				
	1. Supply and install 5 boreholes with a total estimated depth of 113m.	113	M	\$	\$
	2. PVC guide pipe (Note: estimated total drilling depth is 115 m.)	150	M	\$	\$
	3. Grout Materials (Grout quantities based on depth and assume 20% loss.)				
	3.1 Portland Cement	375	Kg	\$	\$
	3.2 Bentonite Powder	115	Kg	\$	\$
	4. Pea Gravel	0.25	M ³	\$	\$
	5. Bentonite Chips	40	Kg	\$	\$
	6. Shelby Tubes	6	Ea	\$	\$
	SUBTOTAL ITEMS 1 through 6				\$
	GST ON ITEMS 1 through 6				\$
	TOTAL PRICE				\$

A sample of an alternate submission is referenced below.

TASK	DESCRIPTION	Equip1	Equip2	Equip3	Total	Total	Total	
	Hourly Rate	Hourly Rate (\$)	Hourly Rate (\$)	Hourly Rate (\$)	Hours	Fees	Disbursements	Total Fees
A	Task A	Hrs	Hrs	Hrs				
1	Description							
2	Description							
3	Description							
4	Description							
	Sub Total Task A							
B	Task B							
1	Description							
2	Description							
3	Description							
4	Description							
	Sub Total Task B							
C	Task C							
1	Description							
2	Description							
3	Description							
4	Description							
	Sub Total Task C							
	TOTAL FEES							
	5% GST							
	TOTAL FEES							

Except as modified by Addendum No. 1 issued February 25, 2025, the Request for Quote documents for PRJ #25026 shall remain unchanged.

AJ Evenson
Senior Project Manager, Regional District of Central Kootenay

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