



Project:	Lake Geraldine Dam Civil Improvements
RFT #	2022-RFT-028
Addendum #	4
# Of Pages	3
Date:	Thursday, May 26, 2022
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The following change(s) in the Tender Documents are effective immediately.
 This Addendum forms part of the Contract Documents.

ITEM	DESCRIPTION
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4.1 Bidder Inquiry

Question: Regarding the response to question 2.11 in addenda 2, since historically the water levels of the dam have been variable can you confirm how many fasteners would be required to install the metal enclosure to the dam?

Response: As a minimum, the Contractor shall be responsible to install fasteners at 300 mm OC on both side of the enclosure to the water line. We estimate that this will be approximately 2 m in length.

4.2 Bidder Inquiry

Question: Last year the dam was spilling over for a significant part of the summer, how would we proceed if this were the case this summer and there was no space to install the enclosure above the water line?

Response: The overflow of the dam (at the spillway) last summer was attributed to pumping operations to replenish the Lake Geraldine reservoir from the Apex River. The Contractor will need to plan the work at a time that is deemed appropriate, and will need to coordinate such activities with the City in order to ensure minimal impact to the project, should the work be coordinated at a time when pumping operations are underway and there is a risk of water spilling over the dam spillway. It should be noted that the nature of the Apex pumping work is unpredictable and the following information is a best estimate only. At this time, it is expected that the Apex river pumping will not hinder this installation until mid-July. If the installation cannot be completed before the mid-July impact, the contractor may need to wait until September to complete the installation or defer this portion of the work to approx. June 2023, depending on the impact of pumping

activities. Contractor's pricing must remain unchanged if work needs to be deferred to 2023.

4.3 Bidder Inquiry

Question: Is the data logger enclosure for the water level sensor the same as the spillway monitoring station drawing in FIG.1?

Response: Yes.

4.4 Bidder Inquiry

Question: Would you be able to supply an email or contact information for M2 manufacturer for the temperature string extension?

Response: The contact info is:

Contact Information, M Squared:

Contact Name: Murray. M-Squared Instruments

Address: 144 West Terrace Cres. Cochrane AB T4C 1R3

Email: msquared.instruments@gmail.com

Phone: 403-560-7079

Contact Info: Lakewood:

Contact: Don Hlibka

Bus.ph. 780-462-9110 ext. 221

Bus.fax 780-450-3867

Cell ph. 780-699-6189

Email don@lakewood.com

home page <http://www.lakewood.com/>

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4.5 Bidder Inquiry

Question: Are the +/- 254mm concrete casings as well as the 457mm casings existing? If so would it be acceptable to dowel into the existing concrete and install the pile on top of the existing concrete?

Response: The casings for the (new) survey monuments and monitoring stations have not been installed. The Contractor shall be responsible for the supply and installation as specified in the contract specifications and illustrated in the design drawings.

4.6 Bidder Inquiry

Question: Regarding specifications of section 31 16 00 – Survey monuments can you please confirm what is the relative vertical and horizontal accuracy of the benchmarks required to achieve the monitoring goals?

Response: Northing: 1 mm; Easting: 1 mm; Elevation: 1 mm; Azimuth to Monument: 1 second; Distance to Monument: 1 mm.

4.7 Bidder Inquiry

Question: Regarding section 31 16 00 – Survey monuments can you please confirm if there is more than one existing survey control monuments outside of the area being monitored in stable ground in order to relate monuments within the area to be monitored to them ? If not is there an expectation to place that monumentation as part of this contract?

Response: The geodetic survey of Canada benchmark is located on the hill west of the dam. See the attached image with approximate location indicated below.

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