



**Project:** Long Term Water Project – Raw Water Supply and Storage  
**Consultant Request for Proposal**  
**RFP No.:** 2023-RFP-048

Addendum No.: 04	No. of Pages	7
<b>Date: May 30, 2023</b>	Doc. No. P7201-950302569-175 (2.0)	

The following change(s) in the Request for Proposal Documents are effective immediately.  
 This Addendum forms part of the Contract Documents.  
 Item numbering format: [Addendum #] . [Item #]

ITEM	DESCRIPTION	ACTION
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**Question 4.1**

**The updated fee table issued under Addendum 2 indicates the Topographical Survey, Geotechnical Investigation, and Environmental Assessments (tasks 2.1 to 2.9) are to be completed in Phase II, however, the RFP outlines these tasks under Phase I. It is our understanding that these scopes of work are scheduled to be completed as early as possible in 2023, and should therefore be in Phase I. Can you please clarify if these should be carried in Phase II, or if the fee table will be updated accordingly?**

Response 4.1

Refer to Response No # 3.4 in Addendum 3. Please note that the intention is to commence (and/or complete where possible) investigations in Phase I and complete reporting in Phase II.

**Question 4.2**

**Which task item in APPENDIX A - COST SUBMISSION FORM, shall hold the following resources during the construction seasons: Project Manager, Quality Control lead, Project Scheduler/Controller, Professional Quantity Surveyor?**

Response 4.2

Refer to Response No # 3.9 in Addendum 3. The positions and the level of effort noted in the Cost Submission form by the City are deemed to be sufficient for the present need during construction. If the Consultant considers that additional positions/efforts is required, this can be negotiated ahead of construction and hourly rates can be priced in Appendix A Page 52 of 66 of the RFP.

**Question 4.3**

**If all of the above-noted resources mentioned In Question 4.2 are to be placed in Contract item 8.1 - Contract Administration, please confirm the total assumed quantity of 1,560 hours/season is sufficient to cover all roles.**

Response 4.3

Refer to Response No # 3.9 in Addendum 3. If the Consultant considers that additional positions/efforts is required, this can be negotiated ahead of construction and hourly rates can be priced in Appendix A Page 52 of 66 of the RFP.

**Question 4.4**

**Which task item in APPENDIX A- COST SUBMISSION FORM, shall hold the following resources during non-construction seasons: Project Manager, Quality Control lead, Project Scheduler/Controller? Or should assume that billing will stop during the month of November to April?**

Response 4.4

It is important to note that billing should not be assumed to stop during the months of November to April. While the project activities may experience adjustments during this period, the aforementioned resources may be necessary. Additionally, refer to Response No # 3.9 in Addendum 3 and it is noted that if the Consultant considers that additional positions/efforts is required, these can be negotiated subject to the City's discretion ahead of construction with hourly rates priced in Appendix A Page 52 of 66 of the RFP.

**Question 4.5**

**Can the City please clarify if decommissioning of monitoring wells is required for this assignment, or can they be left in place until construction?**

Response 4.5

Refer to Response No # 3.5 in Addendum 3. The monitoring wells are intended to be removed upon conclusion of the geotechnical investigations and are the Consultant's responsibility to complete their removal.

**Question 4.6**

**Will the City permit travel over land within the limits of the project site for site investigation work (i.e., site inspection, drilling works, heavy equipment movement, etc.)?**

Response 4.6

As noted in Addendum No. 2 Response number 2.7 the City has submitted a Nunavut Planning Commissioning (NPC) project proposal for geotechnical activities related to the Consultant's scope of work. Geotechnical works are anticipated to be completed within the City's Municipal Boundary. Subject to any required approvals from Authorities Having Jurisdiction, yes, the City will grant permission for land travel within the project site for site investigation activities.

#### **Question 4.7**

**As the site is close to the International Airport, can the City please confirm if there are any airspace restrictions for Helicopter use to explore and transport equipment to the project site?**

#### **Response 4.7**

The Consultant will be required to develop and obtain necessary approvals for methods employed to transport equipment to and from the project site. This includes identifying requirements and coordinating/liasing with appropriate Authorities Having Jurisdiction (including airspace usage should the Consultant identify this requirement for the completion of the geotechnical investigation work). The Consultant will be required to secure the required permissions and clearances to execute their proposed geotechnical investigation methodology. Methods must be developed with safety and any airspace restrictions in mind.

#### **Question 4.8**

**The types of drilling and sampling for the geotechnical investigation are explicitly stated in Appendix G. Specifically, equipment able to complete the coring/augering and SPT testing requested does not exist locally in Iqaluit.**

- **If there is no drilling equipment located in Iqaluit with the capability to perform these types of drilling/sampling, is the expectation that a specialized drill rig be brought in for this work or would the potential to modify the drilling and sampling methods to work with local equipment be a potential option?**

#### **Response 4.8**

The City shall rely on the expertise of the Consultant to complete geotechnical investigations and will rely on Consultant recommendations on the final drilling program. Additionally, the City is open to innovative solutions for defining and mitigating identifiable geotechnical risks. Should the Consultant determine that investigation using specialized drilling equipment is required (beyond the capabilities of local equipment available in 2023), the Consultant is to consider bringing in specialized equipment into Iqaluit in 2024. All costs for mobilizing specialized equipment are to be quoted in the Cost Submission form under Items 1.4 and 1.5. The Consultant is to quote the cost for any other recommended geotechnical investigations to support their methodology and approach

e.g., use of locally available air rotary drill rig in item number 1.6 of the updated Cost Submission form. The updated Cost Submission form is included in the RFP Clarifications and Revisions section below (Item R4.1).

#### **Question 4.9**

**Can the City please advise if an additional line item can be added to the costing table? Per the terms of reference, it is understood that the geotechnical report and the blasting assessment report are separate line items.**

#### **Response 4.9**

The cost associated with the blasting assessment should be included in item 2.3 of the Cost Submission form as specified in ***RFP Clarifications and Revisions*** section (Refer to revision No# R4.1 of this addendum).

### R4.1 Revision in the cost submission form (Appendix A Cost Submission form Table A1)

The cost submission form has been revised with additional / adjusted items. 1.6 and 2.3 as described below.

Item	Description	Unit	Total
<b>1.0</b>	<b>Phase I: Project Definition</b>		
1.1	Project Execution Plan	LS	\$
1.2	Concept Design Report	LS	\$
1.3	Technical Memorandum (assume 10)	LS	\$
1.4	Geotechnical Investigation (12 x boreholes @ 5 m depth)	LS	\$
1.5	Geotechnical investigation (12 boreholes @ 10 m depth)	LS	\$
1.6	Other Geotechnical Investigation e.g., Air rotary Drill rig with down hole hammer	LS	\$
1.7	Onsite Topographic Survey	LS	\$
1.8	Designs, Reports, Plans and Other Required Submissions	LS	\$
1.9	Disbursements	LS	\$
<b>2.0</b>	<b>Phase II: Preliminary Design (30% Submission)</b>		
2.1	Topographic Survey Report	LS	\$
2.2	Geotechnical reporting	LS	\$
2.3	Blasting Assessment report	LS	\$
2.4	Geotechnical Baseline Report for Construction	LS	\$
2.5	Recommendations for additional Geotechnical Investigation <b>(Cash Allowance)</b>	LS	\$100,000
2.6	Environmental Site Assessment Phase 1	LS	\$
2.7	Environmental Site Assessment Phase 2 <b>(Cash Allowance)</b>	LS	\$50,000
2.8	Physical/Biological/Socio-Economic Environmental Impact Assessment	LS	\$
2.9	Designs, Reports, Plans and Other required Submissions	LS	\$
2.10	Preliminary Engineering for the Hydroelectric Generation Plant	LS	\$
2.11	Detail Design for hydroelectric generation Plant (Provisional Item)	PS	\$
2.12	Disbursements	LS	\$

Item	Description	Unit	Total
<b>3.0</b>	<b>Phase III: Design Development (50% Submission)</b>		
3.1	Designs, Reports, Plans and Other required Submissions	LS	\$
3.2	Disbursements	LS	\$
<b>4.0</b>	<b>Phase IV: Final Design (90% Submission)</b>		
4.1	Designs, Reports, Plans and Other required Submissions	LS	\$
4.2	Disbursements	LS	\$
<b>5.0</b>	<b>Phase IV: Final Design (100% Submission)</b>		
5.1	Designs, Reports, Plans and Other required Submissions	LS	\$
5.2	Allowance for two (2) additional tender packages	LS	\$
5.3	Disbursements	LS	\$
<b>6.0</b>	<b>Regulatory &amp; Permitting</b>		
6.1	Prepare Application for NPC/NIRB Screening	LS	\$
6.2	Permitting Support (Coordinate Review Comments from NIRB Review Process – 3 x iterations)	LS	\$
6.3	Prepare Application Update for NWB	LS	\$
6.4	Permitting Support (Coordinate Review Comments from Intervenors including NWB, DFO, CIRNAC, QIA, HTA, GN Environment etc. – 3 x iterations)	LS	\$
6.5*	Prepare Advanced Work Package Application for NPC/NIRB Screening (Potential Type B Application including NWB review comments (1 x iteration). Advanced work package anticipated to include access road work. Refer RFP CLARIFICATIONS AND REVISIONS Item R2.2.	LS	\$
6.6	Permitting Support (Not specified elsewhere) – <b>(Cash Allowance)</b>	LS	\$150,000
<b>7.0</b>	<b>Phase V: Tendering Support</b>		
7.1	Tender Support Services	LS	\$
7.2	Allowance for two (2) additional tender packages	LS	\$
<b>8.0</b>	<b>Phase VI - Contract Administration, Site Inspection and Engineering Support Services</b>		

Item	Description	Unit	Total
8.1	Contract Administration (assume 1,560 hrs./yr. x 3 seasons and site based)	LS	\$
8.2	Site Inspection Services (assume 3,120 hrs./yr. x 3 seasons and site based)	LS	\$
8.3	Engineering Support Services (assume 200 hrs./yr. x 3 seasons and site based)	LS	\$
8.4	Engineering Support Services (assume 400 hrs./yr. x 3 seasons)	LS	\$
8.5	Design Consultant PM Support Services (assume 520 hrs./yr. x 3 seasons)	LS	\$
8.6	Reports, Plans and Other Required Submissions	LS	\$
8.7	Disbursements	LS	\$
<b>9.0</b>	<b>Phase VII- Closeout Phase</b>		
9.1	Closeout and Warranty/Deficiency Services (Assume 500 hours)	LS	\$
9.2	Supply of As Built Records (including hardcopy and digital files) and Supply of Project History File	LS	\$
9.2	Pre-Warranty Expiry Inspection (Subject to City confirmation)	LS	\$
<b>COST SUBMISSION SUMMARY</b>			
A	Sub-total (Pre-Contingency)		\$
B	Contingency (5% of Sub-total ( <i>Item A</i> ) Above)		\$
C	<b>Sub-Total (Including Contingency – Item A + Item B):</b>		\$
<b>GST (5%):</b>			\$
<b>TOTAL:</b>			\$

Colliers Project Leaders  
 Distribution: All Bidders  
 File

Date: May 30, 2023