



Project: Iqaluit –Road and Drainage Improvements	Addendum No.: 1
RFP No.: 2021-RFP-018	No. of Pages: 12
	Date: June 4, 2021
	Doc. No. P7201-1928275642-19

The following change(s) in the Request for Proposal Documents No. 2021-RFP-018 are effective immediately.

This Addendum forms part of the Request for Proposal Documents No. 2021-RFP-018.

ITEM	DESCRIPTION	ACTION
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**Clarification 1**

Section 6.6 – Geotechnical Investigation is replaced with the following:

**6.6 Geotechnical Scope of Work**

The successful Bidder will be required to coordinate with all utilities and with the City to allow for execution of the work. The successful Bidder shall provide the results of all investigations and coordinate its work with the City for incorporation into the final facility design.

**FIELD COMPONENT**

- Coordinate with the City for access to the Site.
- Prepare a traffic control plan for any work affecting the roadway in accordance with section 6.8 of this RFP.
- The suggested total number of test pits required to complete the assessment is shown below:
  - JOAMIE COURT: one (1)
  - IKALUKTUUTIAK DRIVE: one (1)
  - NUNAVUT DRIVE: one (1)
  - IGLULIK DRIVE: one (1)
  - APEX ROAD: two (2)
- Assume average refusal depth of 1.5-2 m however test pits will need to be dug until permafrost is reached. Test pit locations are to be determined from a review of background information, a site visit and/or consultation with the Project Manager, to determine the probable location of the future building and areas of potential environmental concern. Relocate to avoid obstructions as necessary, recording actual location on plan.



- Ensure that all underground services are located before excavation and provide all required locates prior to excavating. Provide the City with a copy of locates performed.
- Record geodetic elevation of ground surface at test pit locations and relate to a known benchmark.
- If unfrozen soil is present, perform Shelby Tube tests, Atterberg limits, sieves and soil chemistry.
- Report before equipment is removed from the Site, the following:
  - Extremely poor or unexpected soil conditions are encountered, necessitating excavating to a greater depth to locate bearing stratum;
  - Recommendation for additional piezometers to support reliable tests; and
  - Good and / or uniform soil conditions which could reduce the number of test pits.
- Obtain samples of each soil type encountered, the first sample being at a depth not greater than 750 mm and succeeding samples at not more than 1500 mm increments of depth. Record whether samples are dry, moist or wet.
- Record penetration values of Standard Penetration Test at the top of each soil stratum commencing at 750 mm depth and at increments not greater than 750 mm down to appropriate bearing stratum.
- Restore Site to its original state upon completion of on Site work.

## **REPORTING**

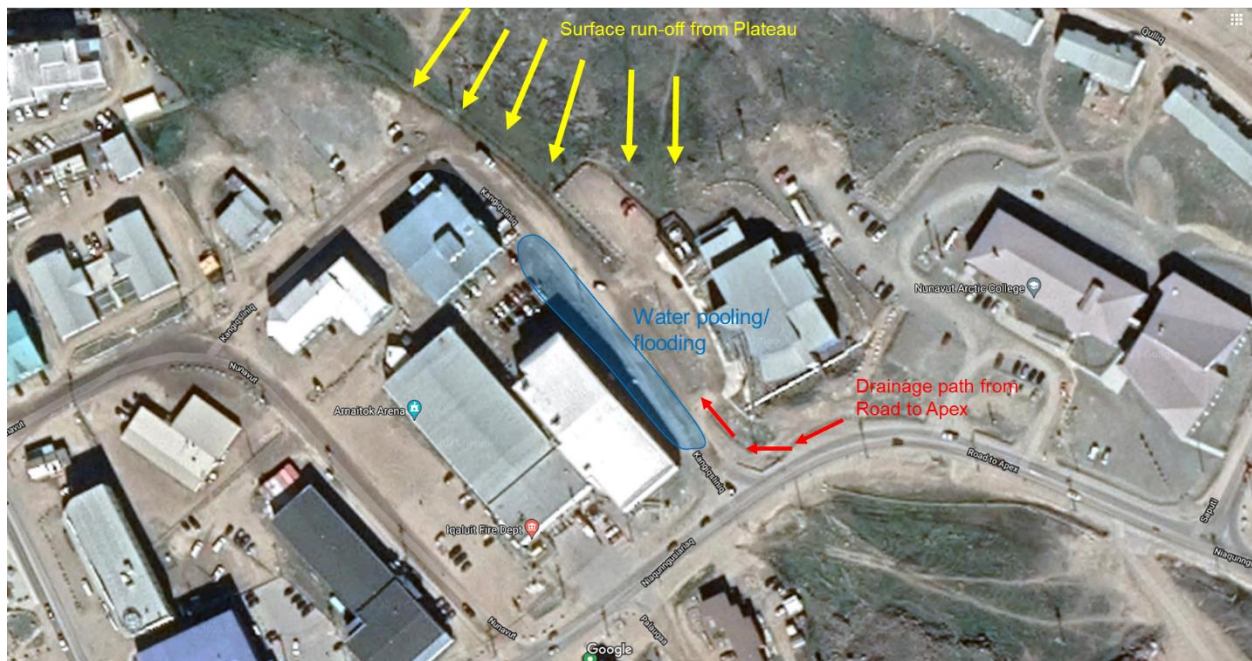
- The Geotechnical Report shall take into consideration the following factors: projected temperature increase, precipitation, extreme weather events and the rise of sea level.
- Submit a soil investigation report, complete with a Site Plans identifying the test pit locations and the proposed road footprint.
- Include (but not be limited to) in the report the following:
  - A detailed description of the soil investigation, including details of the method of soil boring used, a description of the general geology of the area and a drawing showing the actual location and elevation of the boreholes;
  - A description of the physical properties, cohesion and friction angles, soil constraints for at rest, active and passive conditions, unit weights for the various soil strata, found in each borehole and the elevation of the stabilized water table;
  - Summarize the results of all relevant boreholes, in a coordinated series of logs;
  - Any special conditions or irregularities;
  - Water conditions and flow rates for drainage, including effect of weather;

- Recommended pavement or road surfacing structure, inclusive of subgrade preparation and drainage requirements.
  - Advice on any special construction difficulties that may be encountered;
  - Any additional information of interest or significance.
- All reports to be supported with photographs whenever possible and submitted in PDF format.

**Clarification 2**

For item 6.3 of the RFP pertaining to the Drainage Improvements, additional details to the nature of the issue requiring drainage improvements are provided below:

There is currently a lack of ditch definition to channel water along Kangiqslineq Road. The road is low in this area with very limited crowning in order to divert the water to the ditch. The marked up photo below outlines the observations of the issue.



The anticipated drainage improvements will likely include the regrading of existing roadside ditches or the implementation of new roadside ditches. There may also be a requirement to install a road crossing culvert if deemed necessary.

Anticipated drawings for both the Drainage Improvements and Hanson Drive Pavement Removal are to be plan and layout drawings with applicable standard details.

### **Clarification 3**

Section 6.3.5 is replaced with the following:

*Chair and minute meetings with the Project Team for the duration of the detailed design phase. Allow for design review meetings including one (1) 60% design review meeting, and one (1) 100% design review meeting. Complete updates to design documentation following receipt of stakeholder comments.*

Section 6.3.7 is replaced with the following:

*Prepare 60% design drawings and outline specifications, along with a Class C cost estimate, for review by the City. The design is to be progressed in communication with the Project Team and any other stakeholders to use as many locally and readily available materials as possible.*

Delete section 6.3.8. The only deliverables that will be required are the 60% and 100% submission.

Section 6.3.9 is replaced with the following:

*Proceed with final 100% tender ready documents upon approval of the 60% design deliverables by the City.*

### **Clarification 4**

The timeline for the project has been adjusted as follows:

<b>Milestone</b>	<b>Date</b>
Project Kick-Off Meeting	July 8, 2021
<b>Drainage Improvements and Hanson Drive Pavement Removal</b>	
60% Design Submission and review meeting	August 13, 2021
100% Design Submission	August 19, 2021
RFT Tender Period (including approvals and award)	Aug 20 – Sept 24, 2021
2021 Construction Period	Sept 27 – Oct 22, 2021
<b>Road Cut Paving</b>	
60% Standard Detail and Specifications and review meeting	August 13, 2021



99% Standard Detail and Specifications and review meeting	August 19, 2021
100% Standard Detail and Specifications	August 27, 2021
<b>Road Surfacing</b>	
20% Design Submission	August 20, 2021
50% Design Submission	September 17, 2021
99% Design Submission	October 15, 2021
100% Design Submission	November 12, 2021
Project Completion/ Closeout	November 26, 2021

### **Clarification 5**

Appendix A – Cost Submission Form has been updated based on the clarifications above. Please see the attached updated cost submission form to be utilized for this RFP.

## APPENDIX A – COST SUBMISSION FORM

Proponent's Name: \_\_\_\_\_

Proponent's Address: \_\_\_\_\_

Proponent Email/ Telephone: \_\_\_\_\_

Provide the following cost breakdown for the services detailed herein that the Proponent is proposing to offer the City of Iqaluit.

Table A1 Fee Table

TASK	FEE
<b>Phase 1a – Road Surfacing</b>	
<b>Joamie Court</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 20% Technical Memorandum	\$
3. 50% Design Deliverables	\$
4. 99% Design Deliverables	\$
5. 100% Design Deliverables	\$
6. Other Disbursements	\$
7. Topographic Survey	\$
8. Geotechnical Investigation	\$
9. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Joamie Court Subtotal</b>	<b>\$</b>
<b>Ikaluktuutiak Drive</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 20% Technical Memorandum	\$
3. 50% Design Deliverables	\$

4. 99% Design Deliverables	\$
5. 100% Design Deliverables	\$
6. Other Disbursements	\$
7. Topographic Survey	\$
8. Geotechnical Investigation	\$
9. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Ikaluktuutiak Drive Subtotal</b>	<b>\$</b>
<b>Nunavut Drive</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 20% Technical Memorandum	\$
3. 50% Design Deliverables	\$
4. 99% Design Deliverables	\$
5. 100% Design Deliverables	\$
6. Other Disbursements	\$
7. Topographic Survey	\$
8. Geotechnical Investigation	\$
9. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Nunavut Drive Subtotal</b>	<b>\$</b>
<b>Iglulik Drive</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 20% Technical Memorandum	\$
3. 50% Design Deliverables	\$
4. 99% Design Deliverables	\$
5. 100% Design Deliverables	\$
6. Other Disbursements	\$
7. Topographic Survey	\$
8. Geotechnical Investigation	\$
9. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$

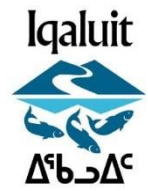


<b>Iglulik Drive Subtotal</b>	<b>\$</b>
<b>Apex Road</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 20% Technical Memorandum	\$
3. 50% Design Deliverables	\$
4. 99% Design Deliverables	\$
5. 100% Design Deliverables	\$
6. Other Disbursements	\$
7. Topographic Survey	\$
8. Geotechnical Investigation	\$
9. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Apex Road Subtotal</b>	<b>\$</b>
<b>Phase 1a Sub-Total:</b>	<b>\$</b>
<b>Phase 1b – Road Cut Paving</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 60% Design Deliverables	\$
3. 99% Design Deliverables	\$
4. 100% Design Deliverables	\$
5. Other Disbursements	\$
6. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Phase 1b Sub-Total:</b>	<b>\$</b>
<b>Phase 1c – Drainage Improvements and Hanson Drive Pavement Removal</b>	
<b>Drainage Improvements</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 60% Design Deliverables	\$
3. 100% Design Deliverables	\$
4. Other Disbursements	\$



5. Topographic Survey	\$
6. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Drainage Improvements Subtotal</b>	<b>\$</b>
<b>Hanson Drive Pavement Removal</b>	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 60% Design Deliverables	\$
3. 100% Design Deliverables	\$
4. Other Disbursements	\$
5. Topographic Survey	\$
6. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized	\$
<b>Hanson Drive Pavement Removal Subtotal</b>	<b>\$</b>
<b>Phase 1c Sub-Total:</b>	<b>\$</b>
<b>Phase 2a – Tendering Assistance, and Engineering Support Services – Drainage Improvements and Hanson Drive Pavement Removal</b>	
<b>Drainage Improvements</b>	
1. Project Management, Coordination and Administration	\$
2. Tendering Assistance	\$
3. Engineering Support. As a minimum, hours shall include allowance for the following hours: a. Engineering Support Hours – 20 hours b. As built records Hours – To be determined by Consultant c. Other hours for key resources required to fulfill requirements	\$
4. Other	\$
5. Disbursements	\$
6. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized. (i.e. self-isolation)	\$
<b>Drainage Improvements Subtotal</b>	<b>\$</b>
<b>Hanson Drive Pavement Removal</b>	
1. Project Management, Coordination and Administration	\$
2. Tendering Assistance	\$

3. Engineering Support. As a minimum, hours shall include allowance for the following hours: a. Engineering Support Hours – 15 hours b. As built records Hours – To be determined by Consultant c. Other hours for key resources required to fulfill requirements	\$
4. Other	\$
5. Disbursements	\$
6. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized. (i.e. self-isolation)	\$
<b>Hanson Drive Pavement Removal Subtotal</b>	\$
<b>Phase 2a Sub-Total:</b>	\$
<b>Phase 2b (Optional) – Tendering Assistance, Contract Administration, Site Inspection and Engineering Support Services – Road Surfacing</b>	
7. Project Management, Coordination and Administration	\$
8. Tendering Assistance	\$
9. Contract Administration. As a minimum, CA/Inspection hours shall include allowance for the following hours: a. Contractor Administrator Hours – 120 hours b. Inspector Hours – 600 hours c. Engineering Support Hours – 80 hours d. As built records Hours – To be determined by Consultant e. Other hours for key resources required to fulfill requirements	\$
10. Other	\$
11. Disbursements	\$
12. Any additional measures required to mitigate COVID-19 epidemic identified risk. Cost to be itemized. (i.e. self-isolation)	\$
<b>Optional Phase 2 Sub-Total:</b>	\$
<b>SUMMARY</b>	
<b>Phase 1a</b>	\$
<b>Phase 1b</b>	\$
<b>Phase 1c</b>	\$
<b>Phase 2a</b>	\$
<b>Phase 2b (Optional)</b>	\$
<b>Overall SUBTOTAL</b>	\$
<b>Applicable Taxes (GST):</b>	\$



<b>TOTAL (Including GST)</b>	\$
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Fees for changes to the work shall be as agreed upon prior to the commencement of services for the change as set out under the contract. For additional work, the proponent shall use the rates detailed below.

<b>POSITION</b>	<b>TEAM MEMBER</b>	<b>Hourly Rates (\$/hr.)</b>
Principle/ Project Sponsor		
Project Manager		
Project Engineer		

Consultant to add positions as necessary. Each discipline shall provide names for each position as necessary.

**END OF APPENDIX A**



821259 – Road and Drainage Improvements

Addendum No.: 1

Colliers Project Leaders Inc.

Date: June 4, 2021

Distribution: All Bidders  
File: P7201-1928275642-19 (2.0)