



Project Name 2021-RFP-018
821259 – Paving (Various)
Addendum No.: 2

Project: 2021-RFP-018 821259 – Paving (Various)			
Addendum No.	02	No. of Pages:	16
Date:	June 10, 2021	Doc. No.:	P7201-1928275642-21(1.0)

The following change(s) in the Request for Proposal Documents are effective immediately.
This Addendum forms part of the Contract Documents.

ITEM	DESCRIPTION	ACTION
1.1	Available Documentation	

Question 1:

Section 6.4 Phase 2a Tendering Assistance, and Eng Support Services – Drainage Improvements and Hanson Drive Pavement Removal - “Complete Half-Time (based on Contractor’s schedule) inspections of the construction work” – Please clarify the expectation for “half-time inspections”. There are no estimated Inspector hours listed in the cost submission form under Phase 2a. Are in-person inspections required for construction activities associated with Phase 2a?

Response 1: The ‘half-time site inspections’ was included in error and can be disregarded. The only required support after the award of a contractor shall be engineering support (respond to RFI’s, prepare CCN’s, etc.) as described in the Proponent’s scope of work in section 6.4, with associated hours for pricing purposes indicated in the cost submission form.

Question 2:

Section 6.8 Traffic Control (For Geotechnical Investigation) – Please confirm that Traffic Control Plan (TCP) will be the responsibility of the General Contractor completing the work.

Response 2: As the geotechnical work is required as part of the design process, it will ultimately be the responsibility to the Proponent to complete the traffic control plan to facilitate this investigation, whether by subcontractor who is actually performing the work or by the Proponent directly.

Question 3:

RFP references drainage improvements identified as part of the master drainage plan developed in 2019. Please provide this study.

Response 3: Please see attached drainage plan. As well, please refer to Addendum 1 for clarifications regarding the nature of the drainage issue.

Question 4:

What design criteria will govern the drainage improvements required?



Response 4: The City of Iqaluit Municipal Design Guidelines are to be used as the basis of the drainage improvements. Please see the attached updated sections applicable to this project.

Question 5:

Is compaction testing required for road resurfacing improvements?

Response 5: This can be reviewed on a case-by-case basis during the design development.

Question 6:

Note, topographic surveys and geotechnical investigation will be required to complete design. 60% Design submission may not be possible by August 13th if surveys and geotechnical investigation can't be completed by end of July.

Response 6: The 60% design submission by August 13, 2021 only applied to the drainage improvements and Hanson Drive pavement removal. This scope of work only required a topographic survey, no geotechnical requirement was included in the RFP. The City is now adjusting the scope of work required for Hanson Drive, please refer to the clarifications later in this addendum.

Question 7:

We note that half time inspection is called for in the body of the text describing item 2A but is not specifically mentioned in the cost submission form. Please confirm that on site- half time inspection is required for item 2A.

Response 7: Please refer to the response provided for question 1 of this addendum.

Question 8:

If the answer to question 7 is yes, please indicate if the provided construction period assumes a 7 day working week and a 12 hour day. If it is different, please advise.

Response 8: Please refer to the response provided for question 1 of this addendum.

Question 9:

It would be advantageous from an efficiency perspective if the construction for items 2A and 2B could occur concurrently in the summer of 2022. Please advise if this amendment to the construction contract would be considered within the submission.

Response 9: Please refer to the response provided for question 1 of this addendum. The construction of Phase 2A is planned for 2021 while Phase 2B is planned for 2022. The City is now adjusting the scope of work required for Phase 2A, please refer to the clarifications later in this addendum.

Question 11:

We have both civil engineers and surveyors currently working on Baffin Island until the 30th of June. Ideally, we would like to use them to do this work immediately in July. Can the contract or advance notice of award be done prior to June 30th.

Response 11: The City will aim to evaluate and award this work as quickly as possible.



Question 12:

Can we be provided the Master Drainage Plan so we can determine what improvements are required along Kangiqsliniq so we can determine the level of effort required to provide a design?

Response 12: Please refer to addendum #1 with additional details provided for the drainage scope. As well, the Master Drainage Plan has been provided with this addendum.

Question 13:

Clarify if the geotechnical site investigation will involve excavating test pits or drilling? The RFP refers to test pitting, but it will be challenging to do Shelby tubes and to perform standard penetrometer tests.

Response 13: The geotechnical requirements have been amended, please refer to clarification #3 of this addendum.

Question 14:

Recording a standard penetration value means that a drill rig will be required for the site investigation and this cannot be done with an air rotary drill which is available in Iqaluit. Will it be OK to import a drill rig to Iqaluit just for this purpose?

Response 14: The geotechnical requirements have been amended, please refer to clarification #3 of this addendum.

Question 15:

Clarify type of Soil Chemistry tests required. Is it for something, like a known contamination?

Response 15: The geotechnical requirements have been amended, please refer to clarification #3 of this addendum.

Question 16:

Will a CBR test be required?

Response 16: The geotechnical requirements have been amended, please refer to clarification #3 of this addendum.

Question 17:

We do not believe that all of the RFP geotechnical testing is required to produce a reliable design. Are we allowed to suggest an alternate geotechnical testing program than the one that is suggested or would this be considered non-compliant?

Response 17: The geotechnical program included as part of this RFP is for pricing purposes. If, in the Proponent's professional experience and discussions with the City, it is determined that some or all of the geotechnical work may not be required, then the scope of work can be adjusted accordingly. For the purposes of this RFP, please price the requested geotechnical program as outlined in the RFP.



Question 18:

Are the resumes, forms (Appendices C and F), WSCC/WSIB certificate, and insurance information included in the 20 page limit for the Technical Submission? Can these items be included as appendices to the Technical Submission?

Response 18: The items identified do not count towards the 20-page limit. The responses to sections 3.1.1 – 3.1.6 of the RFP count against the 20-page limit of the technical proposal.

Question 19:

Can the City please provide non-secured versions of the RFP and addenda and Microsoft Word versions of Appendix A - Cost Submission Form, Appendix C - Sub-Consultant List, and Appendix F - Signing Sheet?

Response 19:

Proponents are encouraged to print the documents in question as a PDF. This will allow for the completion of the forms if they are currently unable to.

Question 20:

For RFP section 3.1.4.3, do we need to include client contact information for the five (5) additional reference projects?

Response 20: No, this is not required.

Question 21:

For RFP section 3.1.5.4, do we need to include client contact information for the project team reference projects? Can we include other projects if team members participated in relevant projects not listed in Section B?

Response 21: Previous client contact information is not required. Proponents may include other relevant projects that team members have worked on in addition to those provided in Section B.

Question 22:

Given the recent addendum and clarification requests that are still outstanding, we request that the City provide a one (1) week extension to the closing date for this RFP so that bidders can prepare a comprehensive proposal, considering all of the responses.

Response 22: The due date for submissions is extended by three days to June 18, 2021 at 3:00pm. Further extension is not permitted due to the tight timelines, particularly with the drainage improvements.

Question 23:

Section 6.6 Geotechnical Scope of Work

Please clarify that test pits are required for the geotechnical investigation and not boreholes.

Response 23: The geotechnical requirements have been amended, please refer to clarification #3 of this addendum. Only test pits are required.



Question 24:

Section 6.6 Geotechnical Scope of Work

Please clarify that Shelby Tube tests, Standard Penetration Tests and the installation of piezometers are not required for this project as these pertain to boreholes and not test pits.

Response 24: The geotechnical requirements have been amended, please refer to clarification #3 of this addendum.

Clarifications

Clarification 1:

The City has re-evaluated the severity of the issues with Hanson Drive and is revising the scope of work for this item. The approximate 150m area identified for pavement removal and regrading has experienced significant heaving and settling, likely due to permafrost melting and differential settlement with variances of 1-2 feet in some instances. The City no longer would like to simply remove the pavement and regrade. Instead, the City intends to perform a detailed design of the road subgrade to eliminate this issue in the future by ultimately rebuilding the road. This shall be identified as Phase 1D – Hanson Drive Road Upgrades. The scope of work is as follows:

The Consultant shall:

1. Complete all required project set up, coordination and administration as required to complete the work. This will include attendance of the initial kick off meeting, subsequent bi-weekly meetings and engagement of operational staff to understand existing issues, understand other interfacing project work etc.
2. Complete a desktop study of all available City of Iqaluit design guidelines, City planning documents, as built records, and relevant information, including review of available mapping information. This will include a gap analysis review identifying any missing information required to complete the work.
3. Complete a topographic survey and geotechnical investigation. Detailed scopes of work for these items are found in section 6.5 and 6.6 of this RFP.
4. Prepare a Technical Memorandum (20% review) to confirm the boundary limits of construction, design basis and criteria, risk register, logistical constraints and overview schedule.
5. Chair and minute meetings with the Project Team for the duration of the detailed design phase. Allow for design review meetings including one (1) 20% design review meeting, one (1) 50% design review meeting, (1) 99% design review meeting and one (1) 100% design review meeting. Complete updates to design documentation following receipt of stakeholder comments.



6. Promptly advise as to the financial or schedule impact of any changes or additions requested by stakeholders to any previous set of design deliverables.
7. Prepare 50% 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.
8. Proceed with 99% design upon approval of the 50% design deliverables by the City. Prepare 99% design drawings and specifications for review and approval by the City. Produce a Class B cost estimate for review by the City. Prepare a detailed schedule estimate.
9. Proceed with final 100% tender ready documents upon approval of the 99% design deliverables by the City, that includes a Class A cost estimate.
10. Manage and coordinate the services of sub-consultants, as applicable.
11. A complete set of tender ready documents including detailed drawings and technical specifications will be prepared ready for tendering. This shall include front end solicitation documents to the City's latest templates. This will include quantity take-offs.
12. Continue to review applicable statutes, regulations, codes and by-laws as the design of the project is developed.
13. Support the identified City / Colliers Project Manager, as required, in preparing any permit application documents.
14. Work with the City's Communications team to develop a Stakeholder Engagement Plan.

A non-exhaustive list of required deliverables for this phase is provided below:

1. Project initiation documentation, including records of insurance, Works insurance, bi-weekly status reports etc.
2. Safety Plan/ Risk Assessments for any on site work (including any COVID-19 mitigation measures).
3. Provide meeting agendas and project meeting minutes for all meetings.
4. Baseline schedule for Consultant Work.
5. Anticipated progress billing milestone.
6. Draft invoices for City representative's review.
7. Stakeholder engagement plan and related consultation materials.
8. Survey drawing deliverables.



9. 20% Technical Memorandum identifying design criteria, boundary of construction, risk register, logistical constraints and overview schedule.
10. 50% design drawings, outline specifications, and Class C cost estimate.
11. 99% design drawings, specifications, Class B cost estimate and schedule estimate.
12. 100% tender ready drawings and specifications, complete set of tender documents, and a Class A cost estimate.
13. Design Meeting and Design Review Meeting minutes.

Clarification 2:

Section 6.5 of the RFP (Phase 2b [Optional] – Tendering Assistance, Contract Administration, Site Inspection and Engineering Support Services – Road Surfacing) shall now include the implementation of the Hanson Drive road upgrades. It is assumed that both scopes of work are to be carried out at the same time. The estimated level of effort has subsequently been updated in the Phase 2b cost submission form.

Clarification 3:

Section 6.6 – Geotechnical Investigation has been updated based on the questions above as well as the Hanson Drive scope revision. The updated scope in addendum #1 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)
 - HANSON DRIVE: one (1)



- 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.
- Report/notify before equipment is removed from the Site, the following:
 - Extremely poor or unexpected soil conditions are encountered;
- 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.
- 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 test pits;
 - Site characterization of material encountered in test pits, including photographs;
 - Any special conditions or irregularities or contaminants;
 - In ground water is encountered, identify the rate of inflow as applicable;
 - 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 #4:**

Due to the scope revision of Hanson Drive, the project timeline has been adjusted as follows:

Milestone	Date
Project Kick-Off Meeting	July 8, 2021
Drainage Improvements	
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
Road Cut Paving	
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
Hanson Drive Road Upgrades	
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
Road Surfacing	
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

821259 – Road and Drainage Improvements

Addendum No.: 2



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

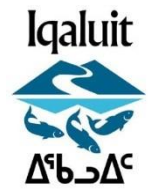
TASK	FEE
Phase 1a – Road Surfacing	
Joamie Court	
1. Project Management and Coordination (incl. initiation, HSE documentation, background document review, and meeting attendance)	\$
2. 20% Technical Memorandum	\$
3. 50% Design Deliverables	\$
4. 99% Design Deliverables	\$
5. 100% Design Deliverables	\$
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	\$
Joamie Court Subtotal	\$
Ikaluktuutiak Drive	
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	\$
Ikaluktuutiak Drive Subtotal	\$
Nunavut Drive	
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	\$
Nunavut Drive Subtotal	\$
Iglulik Drive	
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	\$
Iglulik Drive Subtotal	\$
Apex Road	
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	\$
Apex Road Subtotal	\$
Phase 1a Sub-Total:	\$
Phase 1b – Road Cut Paving	
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	\$
Phase 1b Sub-Total:	\$
Phase 1c – Drainage Improvements and Hanson Drive Pavement Removal	
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	\$
Phase 1c Sub-Total:	\$



Phase 1d – Hanson Drive Road Upgrade	
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	\$
Phase 1d Sub-Total:	\$
Phase 2a – Tendering Assistance, and Engineering Support Services – Drainage Improvements	
1. Project Management, Coordination and Administration	\$
2. Tendering Assistance	\$
3. Engineering Support. As a minimum, hours shall include allowance for the following hours: <ul style="list-style-type: none"> a. Engineering Support Hours – 25 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)	\$
Phase 2a Sub-Total:	\$
Phase 2b (Optional) – Tendering Assistance, Contract Administration, Site Inspection and Engineering Support Services – Road Surfacing and Hanson Drive Road Upgrades	
1. Project Management, Coordination and Administration	\$
2. Tendering Assistance	\$



3. Contract Administration. As a minimum, CA/Inspection hours shall include allowance for the following hours: a. Contractor Administrator Hours – 150 hours b. Inspector Hours – 650 hours c. Engineering Support Hours – 100 hours d. As built records Hours – To be determined by Consultant e. 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)	\$
Optional Phase 2 Sub-Total:	\$
SUMMARY	
Phase 1a	\$
Phase 1b	\$
Phase 1c	\$
Phase 1d	\$
Phase 2a	\$
Phase 2b (Optional)	\$
Overall SUBTOTAL	\$
Applicable Taxes (GST):	\$
TOTAL (Including GST)	\$

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.

POSITION	TEAM MEMBER	Hourly Rates (\$/hr.)
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