



TENDER ADDENDUM

**REQUEST FOR STANDING OFFER PROFESSIONAL SERVICES IN
GEOTECHNICAL ENGINEERING
SS006**

September 23, 2022

ADDENDUM No. 1

The present addendum is raised to answer the questions below.
This shall be read in conjunction with and shall form an integral part of the RFSO /
Proposal and Agreement Documents:

Number	Questions	Answers
1	In Section 2.3 of the RFSO, it states that a 2% escalation rate to the year one rates and fees for subsequent years. Based on the current rate of inflation, costs to complete investigation work have increased substantially. Would the NCC consider permit annual negotiation of this rate escalation?	Under section 2.3, delete text in its entirety and insert: 2.3 In the second, third and fourth year of the SOAs an adjustment of the proposed hourly rates will be applied according to formulae utilized by NCC Procurement to incorporate the effect of the Consumer Price Index
2	Would the NCC consider expanding project experience to 10 years?	The NCC agrees to expand the project experience to 10 years.
3	Can the NCC please clarify the definition of substantial completion? As this is a geotechnical/environmental retainer, does this mean that selected project references for multidisciplinary/multiphase projects where the geotechnical component is substantially completed are considered acceptable?	Substantial completion of the project if the role of the firm is required even during the construction phase. If the geotechnical firm is undertaking the work during the investigation phase, then substantial completion will be upon that completion of that phase.

4	Can NCC please define what an EV Nano Pavement Survey is?	It is a cctv inspection of the pathway surface which is then compared to the safety criteria. The EV Nano is just a vehicle name that has been used in the past
5	For the item: Asphalt drilling with Dynamic Cone Penetration Test, can the NCC please clarify that all callups under this item will be accessible via truck mounted drill?	Asphalt drilling with Dynamic Cone Penetration Test can be via a truck mounted drill
6	Can NCC please provide further description of the Ground Penetration Radar Survey. Would this include walk behind or only vehicle driven equipment. What is the expected depth of the GPR survey?	The Ground Penetration Radar Survey can be undertaken behind a vehicle, but must identify the pavement structure to a depth of 0.3 to 0.6 meters
7	For the Item: Standard Penetration Test, can the NCC clarify if that this cost would also include the cost of Split Spoon Sampling?	Yes, it also includes the cost of split spoon sampling.
8	Would the NCC please consider adding a mobilization cost for drilling equipment?	The NCC has added contingency allocation for such items. Please refer to updated Fee Schedule.
9	Can the NCC please confirm the need for Traffic control? If required, is this considered a negotiated item by assignment?	Please refer to updated Fee Schedule.
10	Can NCC please confirm the anticipated depth of borehole drilling?	The project types include roadways and bridges
11	Can NCC confirm that if the proponent identifies additional equipment/tasks that are not currently listed in the itemized fee schedule, that these items will be negotiated per call up?	The NCC has added contingency allocation for such items. Please refer to updated Fee Schedule.

12	Will the NCC consider a 2-week extension to the RFP response deadline?	Yes. Closing date is now October 11, 2022 at 3PM EDT
13	<p>We would like to clarify a point concerning the offer mentioned in the subject line. In point 5.2.1 "Format and quantity", you mention that the technical proposals should not exceed a certain number of pages depending on the chosen format. You then mention that the CVs are not included in this number of pages. You then mention that the resumes should not exceed 3 pages each. We therefore understand that the resumes must be attached.</p> <p>However, later on, in 6.2.2.4, the requirement rated 4 "Staff Expertise and Experience", you request that we provide the resumes at this point. Do we need to attach the resumes as an appendix in addition to presenting the staff in item 4? Are the pages presented in this item counted in the number of pages mentioned in item 5.2.1? For the attached resumes, do we also need to limit ourselves to the 4 internal staff members who will be performing the majority of the services?</p>	All CVs can be placed in the appendix
14	Is the consultant's project manager considered a member of the "core" team?	yes
15	The RFP makes reference to the consultant's familiarity with the FHBRO and FLUDA process. This is not typically part of a geotechnical scope of work and this process is typically managed by architects and planners. Please clarify how a geotechnical consultant should demonstrate knowledge of the FHBRO & FLUDA process – by simply working on a project that went through it?	Correct, if the firm has worked at a site that has the designation of the FHBRO status or a project resulting from the FLUDA process
16	Section 4.1 identifies 12 different areas of expertise required (plus the contaminated soil and groundwater referenced previously). Rated Requirement 3 allows only 3 projects to be presented. These projects must be completed within the last 36 months, by the 4 person core project team, have a FHBRO/FLUDA component and demonstrate expertise in 8 diverse areas. It will be almost impossible to find projects that satisfy all these criteria. Can the NCC consider	Offerors may add additional pages to the submission as an appendix. The use of 3 projects that best showcases your firm and its team is what we are requesting.

	allowing a larger number of project examples given that most projects do not involve all of the required services? Particularly considering that the NCC has allowed 100 pages to respond but only allows presentation of 3 projects and 4 people (and CVs are not included in the page count).	
17	Rated Requirement 4 requires CVs for 4 people. However, there are 6 members of the core project team (plus a project manager). Which 4 should be presented?	We suggest you name all 6 but indicate the 4 that will respond this SOA.
18	There is no indication that the overall project manager will be evaluated – how will the expertise and qualifications of the project manager be evaluated?	As per the evaluation criteria defined in the call for proposals
19	Is the project manager one of the four CVs to be submitted?	yes
20	Both the CVs and the project examples are evaluated based on experience with projects “similar to those that will be carried out”. In the absence of any indication of what the anticipated projects are, will proponents be penalized for having project examples that turn out to be more complex than the NCC projects?	no
21	With respect to the fee schedule: Concrete Compression Test – what is included? Is this for a single cylinder or a set of 3? Is this intended to include time on site to do sample and cast the cylinders or just the lab test, and the site time will be paid hourly?	Normally 3 sets of cylinders where performance and early breaks are identified.
22	A modified proctor test is not particularly common. A standard proctor test is more widely used.	It is required in Ontario occasionally.
23	Please clarify what a “granulometry analysis” is. Particle Size Analysis, sieve only or sieve and hydrometer, are these aggregate samples or samples from boreholes?	Please refer to updated Fee Schedule.

24	<p>Nuclear densometer testing is not normally priced by the test. It involves a technician being on site with the equipment. There is essentially no cost for the test other than the technician. The amount of time is determined by the progress of the contractor and the number of tests required per visit, so it is typically charged hourly, not by the test. What is this cost meant to include? If it is an all-inclusive price how much time should we assume will be required on site?</p>	Please refer to updated Fee Schedule.
25	<p>What is included in Asphalt Drilling with Dynamic cone penetration test?</p>	Please refer to updated Fee Schedule.
26	<p>Split spoon sampling and standard penetration testing are the same thing and are typically done while drilling boreholes. The cost is included in the hourly cost of drilling and pricing the test independently is meaningless. Can this item be deleted?</p>	Please refer to updated Fee Schedule.
27	<p>Sampling and Laboratory tests – Sampling is done on site during drilling and as above is typically covered in the disbursements for the drillers and the time for the supervising technician. Laboratory testing encompasses a variety of tests which range from \$ 5 to more than \$ 1,000. Providing a price for “laboratory tests – each” is impossible. Can the NCC provide a breakdown of required testing prices. Or can the laboratory disbursements be negotiated as part of a particular scope of work?</p>	<p>A few items have been defined and allow of ease of pricing majority of the tasks required on NCC lands. Please refer to updated Fee Schedule.</p>
28	<p>For construction services – on site testing, picking up samples, etc. the travel time and expenses are a significant component of the cost. Can the NCC separate these (i.e., not include them in the technician costs)? Alternatively, can the NCC provide a baseline value to be used for pricing – for example “assume 1 hr. and 100 km per site visit”)?</p>	<p>The NCC is unable to include travel cost, they will need to be included in the project costs.</p>
29	<p>In the purposes of establishing the hourly rates for the field testing included in the Fee Schedule (i.e., Split Spoon Sampling and Standard penetration test) shall a minimum of one day of field work be assumed?</p>	Yes

30	If the survey is for roads, will other automated pavement surveys be allowable?	Please refer to updated Fee Schedule.
31	If the survey is for trails and sidewalks, will the NCC accept a manual distress survey instead?	Please refer to updated Fee Schedule.
32	Appendix 7 – Fee Schedule requests a price for EV Nano Pavement Surface Survey. Please confirm if you require a per km rate for pavement condition surveying per linear km per lane using a digital survey vehicle.	Please refer to updated Fee Schedule.
33	<p>2. Appendix 7 – Fee Schedule requests a unit rate (\$ / each) for these three items:</p> <ul style="list-style-type: none"> - Split Spoon Sampling - Standard penetration test - Sampling and laboratory tests <p>a) As these three items are completed in conjunction with standard penetration tests, please confirm whether these can be combined.</p> <p>b) The price for these items will increase with depth; as such, are you able to specify a maximum depth and revise the ‘each’ to ‘per meter’?</p>	Please refer to updated Fee Schedule.
34	Appendix 7 – Fee Schedule requests a unit rate (\$ / each) for Sampling and laboratory tests. Can you please specify what tests are included in this item so that we can provide the appropriate pricing?	Please refer to updated Fee Schedule.

All other terms and conditions remain the same.

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