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**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise
indicated, all other terms and conditions of the Solicitation
remain the same.

Ce document est par la présente révisé; sauf indication contraire,
les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

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Title - Sujet Nunavut Small Craft Harbour Feasibility Studies	
Solicitation No. - N° de l'invitation EP922-221472/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client DFO EP922-221472	Date 2021-12-22
GETS Reference No. - N° de référence de SEAG PW-\$PWZ-050-11282	
File No. - N° de dossier PWZ-1-44045 (050)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Central Standard Time CST on - le 2022-01-18 Heure Normale du Centre HNC	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: McRuer, Daniel	Buyer Id - Id de l'acheteur pwz050
Telephone No. - N° de téléphone (204) 295-6634 ()	FAX No. - N° de FAX (418) 566-6167
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: SEE HERE-IN	

Instructions: See Herein

Instructions: Voir aux présentes

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Signature	Date

Solicitation Amendment No. 002 is being issued for the following:

1. Enquiries received during the Solicitation Period:

1. During the previous Lancaster Sound four (4) harbour feasibility study, the bathymetric data was being provided by the Federal Government to the consultant seven (7) months prior to the first draft report being due. In the current feasibility study, the consultant is responsible to complete the field bathymetric data collection. Accurate harbour models cannot be developed until this data is collected and fully developed. The schedule noted in the current RFP allows for less than two (2) months from the draft survey and bathymetric report to the submission of the first draft feasibility report (which includes wave climate and agitation study, coastal process and sediment study and other key components that are directly dependent on the bathymetric data). We believe the current schedule in the TOR does not provide sufficient time to develop harbour concepts. Would a four (4) month overall project extension be allowed?

Answer: It is assumed that the consultant will prepare concepts based on known approximate bathymetric data (Coral Harbour & Sanikiluaq – provided by DFO-SCH, Chesterfield Inlet & Nauyasat – available from CHS Charts and CHS Nonna data). Concepts can then be confirmed and updated after detailed bathymetric data is collected by the consultant as part of the TOR. No extension will be allowed.

2. Is there long-term tide gauge data available for all 4 sites? (CHS website only has long term data at Churchill station)

Answer: See section 2.7.2 of the TOR. No, long term data is not available for all sites. There may be shorter term tidal records available - consultant can contact CHS directly to determine this information after award.

3. Is tide monitoring part of the scope?

Answer: No

4. Is wave monitoring part of the scope?

Answer: No

5. Are ice thickness measurements part of the scope?

Answer: No. Ice thickness data may be available for the sites from alternative sources.

6. Is marine sediment sampling part of the scope?

Answer: Yes some sampling is required as part of 2.7.7 of the TOR - Coastal Processes and Sedimentation study.

7. Are there any previous bathymetric surveys?

Answer: See answer to question 1.

8. Are any dredging records available?

Answer: No

9. Are there any design/construction drawings for the existing infrastructure/breakwaters (particularly for Sanikiluaq and Coral Harbour)?

Answer: Not that SCH is aware of. Consultant is free to reach out to the Government of Nunavut to inquire.

10. Are there any aerial images available for analysis of historical coastal change?

Answer: It is part of the Consultant's scope of work to find any available aerial photos – see section 2.7.7 of the TOR.

11. Is there any river discharge information for rivers in the area?

Answer: Not that SCH is aware of. For the consultant to determine as part 2.7.7 of the TOR – Identification of transport pathways.

12. Section 2.7.5 - With "wave climate", is it intended to mean nearshore extreme and operational conditions? or nearshore full wave climate schematization?

Answer: See section 2.7.5 of the TOR.

13. Is there an estimate of how many 6m to 9m in length type vessels are intended to be accommodated in each harbour?

Answer: To be clarified in the forthcoming Amendment No. 3:

Chesterfield Inlet, NU – 45 vessels
Coral Harbour, NU – 90 vessels
Nauyasat, NU – 110 vessels
Sanikiluaq, NU – 90 vessels

14. Are there specific property boundaries that could interfere with harbour layouts in the proposed areas?

Answer: For consultant to determine as part of development of design concepts. Existing cadastral data for each site is available on the Government of Nunavut – CGS website.

15. Provide clarification on "2.7.4.2.3 Understanding of water circulation patterns and water quality parameters and the impact of tidal fluctuation". Please confirm that this is a water modelling assessment and not requiring a field water quality sampling program.

Answer: Water quality sampling is required as part of the environmental and socio-economic baseline study to determine baseline conditions – see section 2.7.4 of the TOR. Modelling is required to determine water circulation patterns and the impact of tidal fluctuations.

16. Will the legal site boundaries of any existing quarries at each community be provided prior to RFP submission?

Answer: For consultant to determine as part of quarry analysis – see section 2.7.9 of the TOR. Some quarry agreement information may be available on the Government of Nunavut – CGS website.

17. The RFP states develop one conceptual Small Craft Harbour Design for each location. How many options are expected to be budgeted for developing one final concept for each community?

Answer: To be clarified in the forthcoming Amendment No. 3.

18. Amendment No. 1, issued December 15, 2021, extends the bid closing date from January 11, 2022, to January 18, 2022. Can you clarify whether the deadline for submitting questions is 12 working days before January 11, 2022, or 12 working days before January 18, 2022?

Answer: 7 working days before January 18, 2022 (see change to SI3 in item 2 below).

19. In Appendix C of the RFP, on page 51, is the travel allowance of \$30,000 intended to cover only the travel expenses for two trips for community consultation?

Answer: Correct.

20. The RFP TOR section 2.7.10.3 specifies "Surface sediment samples and testing to meet the minimum sampling required as described in the Disposal at Sea Guidelines". The ECCC guidance for characterizing dredged material for open water disposal indicates that the minimum number of samples required is based on the size of the area to be dredged and the degree of certainty that the sediment is chemically suitable for open water disposal. What area and level of certainty (higher or lower) should be assumed for the purpose of this proposal?

Answer: Area shall be determined by the consultant based on their preliminary concepts prior to field work. Consultant may assume lower certainty.

21. The RFP TOR section 2.6.1.3 specifies "The NPC and NIRB project proposals and supporting documents shall include for future geotechnical drilling at each site." Is the scope of work and cost proposal to also include other permit applications for future geotechnical drilling at each site, such as Nunavut Water Board License, CIRNAC and/or Government of Nunavut Land Use Permit, Fisheries Act Review and Authorization, Canadian Navigable Waters Act Approval, or any other potential future permits?

Answer: No, just that wording to indicate that there will be future geotechnical drilling at each site shall be included in the NPC and NIRB project descriptions.

22. The terms of reference note that for community consultation, travel costs from Winnipeg are to be charged against the travel disbursement allowance. Will travel from other areas of Nunavut be applicable for this disbursement allowance?

Answer: To be clarified in the forthcoming Amendment No. 3.

2. Reference: SI3 QUESTIONS OR REQUEST FOR CLARIFICATION

Delete: Enquiries should be received no later than 12 working days prior to the closing date identified on the front page of the Request for Proposal.

Insert: Enquiries should be received no later than 7 working days prior to the closing date identified on the front page of the Request for Proposal.