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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

Vendor/Firm Name and Address  
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800 Burrard Street, 12th Floor  
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Vancouver, BC V6Z 2V8

<b>Title - Sujet</b> Marine Sediment Consult. & Remedtn	
<b>Solicitation No. - N° de l'invitation</b> E0276-131364/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> E0276-131364	<b>Date</b> 2013-04-24
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$VAN-524-6969	
<b>File No. - N° de dossier</b> VAN-2-35275 (524)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-05-07</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Yamamoto, Albert	<b>Buyer Id - Id de l'acheteur</b> van524
<b>Telephone No. - N° de téléphone</b> (604) 775-7549 ( )	<b>FAX No. - N° de FAX</b> (604) 775-7526
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<b>Signature</b>	<b>Date</b>

## **ANNEX B**

**Annex B: Basis of Payment, B.2: Remove sentence "Travel between Vancouver and Victoria will not be reimbursed"**

## **ANNEX G**

### **G.1 Technical Submission**

**Annex G: G.0 Definitions: Add a definition for Bidder as follows "Bidder: Includes the Bidder and their subconsultants and subcontractors for the purposes of this evaluation"**

**G.1.1: add (e) Bidder's Team: Bidders should provide a list of subconsultants and subcontractors composing the Bidder's Team**

**Replace Table G.1.1.1 with amended G.1.1.1 (attached)**

**G.1.2.1 # 8. Personnel Involvement: Add "Only intermediates and above will be accepted, and at least one individual must be a senior"**

**G.1.2.2 # 9. Personnel Involvement: Add "Only intermediates and above will be accepted, and at least one individual must be a senior"**

**G.1.2.3 # 10. Personnel Involvement: Add "Only intermediates and above will be accepted, and at least one individual must be a senior"**

**Replace Tables G.1.2.1, G.1.2.2, and G.1.2.3 with amended tables G.1.2.1, G.1.2.2 and G.1.2.3 (attached)**

**G.1.3 # 1. Project Name: Add "Bidder must submit the name of one senior individual from Corporate Capacity Table G.1.1.1 that was involved in the project"**

**Replace Tables G.1.3.1 with the amended table (attached)**

### **G.2 Technical Evaluation**

#### **G.2.2**

**Studies and Modeling Project # 8. Personnel Involvement: "Only intermediates and above will be accepted, and at least one individual must be a senior"**

**Planning Evaluation and Design Project # 9. Personnel Involvement : "Only intermediates and above will be accepted, and at least one individual must be a senior"**

**Consultant and Marine Sediment Remediation Project # 10. Personnel Involvement: "Only intermediates and above will be accepted, and at least one individual must be a senior"**

#### **G.2.3**

**# 1. Add "Bidder must submit the name of one senior individual from Corporate Capacity Table G.1.1.1 the was involved in the project in order to receive points"**

**e) G.2.1: add (e) Bidder's Team: not scored directly, but Bidders should provide a list of subconsultants and subcontractors composing the Bidder's Team**

**Question 1.** For G.1.1., Are we correct in understanding that the Corporate Capacity Table can include individuals from more than the one company that is the lead for this proposal (i.e., Bidder) and that key personnel from other firms on the Bidder's Team can be included?

**Answer 1:** The Bidder can formulate their team as needed to meet the requirements of the RFP. How the Bidder composes or structures their Corporate capacity under G.1.1.1 is the responsibility of the Bidder. Please reference the addition of a definition of "Bidder" for the purposes of this evaluation in Section G.0

**Question 2.** For G.1.2. and G.1.3., we would like to confirm that only projects the Bidder technically led or is technically leading (and not projects that the Bidder's team sub consultant firms worked on or led) can be used in the two experience tables.

**Answer 2:** Annex G only states that members of the Bidder's Corporate Capacity team submitted under G.1.1.1 must have led the service being claimed. The structure of the Bidder's team is the responsibility of the Bidder. Please reference the addition of a definition of "Bidder" for the purposes of this evaluation in Section G.0.

**Question 3.** For G.1.3., we would also like to confirm that PWGSC only wants projects listed that have been fully constructed/built (with exception of MNR projects).

**Answer 3:** G.1.3 states that projects must be completed. A completed Project is defined as:

- a series of tasks similar in nature to those describe in this Request for Proposal Statement of Work,
- and for which a specific remediation or remediation related contract of contracts was/were let,
- and all deliverables were completed up to draft reports

As per G.1.3 a project may span multiple years and include multiple contracts

**Question 4.** Clause A.2.3.8 (Annex A, page 27, Statement of Work) requires "Structural Engineering of Marine Structures" during the Planning, Evaluation & Design phase. Clause A.10 (Categories of Work, paragraphs 21 & 22 for Senior / Intermediate Remedial Design Engineer) mentions "inspection and impact assessment of existing structures...design shoring...coffer dam design". Also, Clause G 1.2 (Annex G, page 55) requires the Planning, Evaluation & Design project to include "structural engineering of marine structures". However, structural engineering is not listed in Clause A.10 "Categories of Work" page 39, nor in the Evaluation Criteria (Corporate Capacity Table G 1.1.1), on which this RFP will be evaluated.

If PWGSC intends that Marine Structural Engineering be included as a stand-alone expertise, and if the Bidder is allowed (as determined by PWGSC response to Question 1) to include key

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personnel from other team members (who are on the Bidder's Team), we would recommend that Marine Structural Engineering be identified as a requirement more clearly by inclusion / revision of the following categories of work, and matching revisions in the evaluation criteria (resumes and project sheets):

\* Consider adding new paragraph 28 in A.10 "Expert Marine Structural Engineer: A Marine Structural Engineer that provides expert technical, project management, or other subject matter advice. Typically has limited involvement, and only on complex projects as requested in specific TAs."

\* Consider revising paragraph 21 in A.10 to "Senior Remedial Design Engineer: An engineer that designs dredge prisms, dredging design for mechanical or hydraulic dredge projects, development of sediment treatment options, development of sediment offloading / staging/ transportation/ disposal and dewatering, thin layer or active sediment caps, enhanced natural recovery systems, or in-situ treatment systems." (i.e. eliminate last sentence from original text as the text is referring to a structural engineer)

\* Consider adding new paragraph 29 in A.10 "Senior Marine Structural Engineer: An engineer that conducts inspections and impact assessment of existing structures in light of sediment remediation projects, designs shoring, coffer dams and marine containment / slope stabilization structures, and designs relocation of marine structures."

\* Consider revising paragraph 22 in A.10 to "Intermediate Remedial Design Engineer: An engineer that assists a senior remedial design engineer or for low complexity projects designs dredge prisms, dredging design for mechanical or hydraulic dredge projects, development of sediment treatment options, development of sediment offloading / staging/ transportation/ disposal and dewatering, thin layer or active sediment caps, enhanced natural recovery systems, or in-situ treatment systems." (i.e. eliminate last sentence from original text)

\* Consider adding new paragraph 30 in A.10 "Intermediate Marine Structural Engineer: An engineer that assists a senior marine structural engineer or for low complexity projects conducts inspections and impact assessment of existing structures in light of sediment remediation projects, designs shoring, coffer dams and marine containment / slope stabilization structures, and designs relocation of marine structures."

Answer 4: This RFP attempts to cover the main scopes of works required by PWGSC; however, it cannot evaluate in detail the full range of services described in Annex A: Statement of Work. The contract(s) are not intended to be used for significant structural engineering services.

**Question 5.** Part 5 Certifications, Clause 2.2 may be difficult to comply with as it doesn't allow Consultants (during the course of the work) to offer equivalent substitute staff in the event that business needs dictate staff changes. We recommend that PWGSC consider a more reasonable wording of Clause 2.2, as suggested: "Key Personnel shall remain in their designated roles for the duration of this Standing Offer. If any Key Personnel named in a Proponent's submission leave the respective Consultant Team's employment or become unavailable or unable to perform their duties for reasons beyond the Consultant's control, the Consultant shall promptly notify the Owner and submit resumes of proposed replacement personnel. Proposed replacement personnel must possess professional and/or technical qualifications and comparable experience

**equivalent to the Key Personnel being replaced. Proposed replacement personnel shall not assume any duties until they are accepted by the Owner**

**Answer 5: Proposals of alternate personnel are allowed under Annex B: Basis of Payment. Please refer to B.4.1 and B.4.2. There are provisions for substituting individuals in 2.2 Status and Availability of Resources in Part 5 Certifications and in the General Conditions 2035 08 (2008-05-12):**

**2035 08 (2008-05-12) Replacement of Specific Individuals**

- 1. If specific individuals are identified in the Contract to perform the Work, the Contractor must provide the services of those individuals unless the Contractor is unable to do so for reasons beyond its control.**
- 2. If the Contractor is unable to provide the services of any specific individual identified in the Contract, it must provide a replacement with similar qualifications and experience. The replacement must meet the criteria used in the selection of the Contractor and be acceptable to Canada. The Contractor must, as soon as possible, give notice to the Contracting Authority of the reason for replacing the individual and provide:
 
  - a. the name, qualifications and experience of the proposed replacement; and**
  - b. proof that the proposed replacement has the required security clearance granted by Canada, if applicable.****
- 3. The Contractor must not, in any event, allow performance of the Work by unauthorized replacement persons. The Contracting Authority may order that a replacement stop performing the Work. In such a case, the Contractor must immediately comply with the order and secure a further replacement in accordance with subsection 2. The fact that the Contracting Authority does not order that a replacement stop performing the Work does not relieve the Contractor from its responsibility to meet the requirements of the Contract.**

**Question 6. On the example Corporate Capacity Table, G.1.1.1., the titles of lines 21 and 22 are slightly different than the titles used on paragraphs 21 and 22 under A.10 Categories of Work (page 40). We assume these are the same categories and we should use the titles located in A.10 when filling out the Corporate Capacity Table. Please confirm.**

**Answer 6: Lines 21 and 22 of G.1.1.1 contain the correct title names. The following titles in A.10 Categories of Work should be amended as follows:**

**Replace "Intermediate Remedial Design Engineer" with "Intermediate Remedial Technologies Engineer"**

**Replace "Senior Remedial Design Engineer" with "Senior Remedial Technologies Engineer"**

**Question 7: B.2 Travel and Living Expenses (page 42)**

**This section notes that "Travel between Vancouver and Victoria will not be reimbursed". Will PWGSC reconsider this stipulation because the number of visits between Vancouver and Victoria**

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to support work under this contract is highly variable and unknown and it is impossible to fairly estimate these added costs to the hourly billing rates. The travel options between Vancouver and Victoria are fairly limited and could incur substantial added costs.

**Answer 7 :** Remove line stating "Travel between Vancouver and Victoria will not be reimbursed"

**Question 8:** Part 3. Section 1: Technical Bid (page 7); and Annex G. G.2.4. Summary of Technical Evaluation (Page 69)

In Section 1 on Page 7, the RFP describes the Technical Bid requirements and states that "Bidders should demonstrate their understanding of the requirements...." which implies Bidder should prepare a written narrative to "...address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated....". However, in Annex G, G.2.4. (Page 69), the RFP notes that "Bidders must submit their Technical Bid in the format described above. Failure to do so will result in the bid being considered non-responsive and not considered for Contact Award.". It is our understanding that the requirements in Annex G only consist of filling out the following tables:

**G.1.1.1 Corporate Capacity Table**

**G.1.2.1 Studies and Modeling Project Experience Table**

**G.1.2.2 Planning, Evaluation and Design Project Experience Table**

**G.1.2.3 Consultant for Marine Sediment Remediation Project Table**

**G.1.3.1 Depth of Experience Table**

Can PWGSC confirm that PWGSC only wishes the Bidder to complete the tables as noted in Annex G, and not require a narrative discussion as implied in Part 3, Section 1 (Page 7)? Or if PWGSC does wish additional information outside of the listed tables, will PWGSC provide clarification on the format and content of additional required information?

**Answer 8:** Tables as per Annex G and resumes are required for the Technical Submission.

**Question 9:** G.2.1 Technical Evaluation Part 1: Corporate Capacity (Page 65)

Under (b) Years Experience, the criteria indicates that for Senior, Intermediate, and Junior levels, that the minimum years experience only receives 10% of the value. Each subsequent year of experience for an individual within each category adds an additional 9% of the value per year up to a maximum of 100% of the value. This indicates that for each level, an additional 10 yrs experience is required. However, at the junior and intermediate levels, adding in 10 yrs experience results in 11 and 15 yrs experience, respectively, for those two levels, which exceed the minimum years experience for the level one above. For example, a junior level requires 1 yr experience minimum, while an intermediate requires 5 yrs experience minimum. But for a junior to receive a maximum 100% of the score value, he/she would need to have 11 yrs experience. Was PWGSC intending to have junior and intermediate levels years experience match up with the minimum yrs experience of the level above, in order to obtain 100% of score value? If so, this scoring for junior and intermediate years experience may need to be adjusted.

**Answer 9:** 10% is given for meeting the minimum criteria, but the above assumption of 9% per additional year is incorrect. For example, a junior staff would be scored as follows:

1 year experience: 10%

2 years experience: 32.5% (ie.. 10% + 22.5%)

3 years experience: 55% (ie. 10% + 22.5% + 22.5%)

4 years experience: 77.5% (ie. 10% + 22.5% + 22.5% + 22.5%)

5 years experience: 100% (ie. 10% + 22.5% + 22.5% + 22.5% + 22.5%)

**Question 10:** G.4 Basis of Selection (Page 70-71).

It is our understanding that the awarded points are based on "weighted points" total as shown in the table under G.2.4 (page 70), and it is clear that only Bidders with a "weighted points" total of 75 or higher will be considered technically responsive. For the Basis of Selection (Section G.4), are we correct in assuming that the Technical Merit Score is still based on the "weighted points" total, instead of the raw point total? Therefore the example basis of selection would have an Overall Technical Score of "X weighted points/100" if that is a correct interpretation?

**Answer 10:** The Bidder must achieve a minimum of 75 weighted points out of 100 in order to be technically responsive. This forms the Technical Score. The overall rating is determined through a combination of technical score and pricing. In order to derive the overall rating, the weighted technical score is multiplied by 75% and the pricing score is multiplied by 25%. This generates a combined rating out of 100.

#### G.1.2.1 Project Experience Table Project #1 (Studies and Modeling)

		Notes
<b>Project Name</b>		Include marine water body type in project name (eg. harbour, port etc.)
<b>Client</b>	<input type="checkbox"/> PWGSC (2 points) <input type="checkbox"/> Government or public entity (1 point) <input type="checkbox"/> Other (0 points)	Select the type client that contracted work. Select ONE of the three options.
<b>Location</b>	<input type="checkbox"/> British Columbia / Yukon Territory (3 points) <input type="checkbox"/> Other Canadian Province/ Territory (1 point) <input type="checkbox"/> International (0 points)	Province / territory, country of project. Select ONE of the three options
<b>Value</b>	<input type="checkbox"/> >\$500,000 (3 points) <input type="checkbox"/> \$125,000 – 500,000 (2 points) <input type="checkbox"/> \$25,000 - \$125,000 (1 point) <input type="checkbox"/> <\$25,000 (0 points)	Select the project value range. Select ONE of the four options.
<b>Sediment Contaminant Types</b>	<input type="checkbox"/> Nutrients (0.2 point) <input type="checkbox"/> Bulk organics (oil, grease etc.) (0.2 point) <input type="checkbox"/> Halogenated hydrocarbons or persistent organics (0.2 point) <input type="checkbox"/> Polycyclic aromatic hydrocarbons (0.2 point)	Select all applicable sediment contaminants types involved in the project.

	<input type="checkbox"/> Metals / inorganics (0.2 point)	
<b>Regulatory Oversight or Involvement</b>	<input type="checkbox"/> Environment Canada (0.5 point) <input type="checkbox"/> Fisheries and Oceans Canada (0.5 point) <input type="checkbox"/> Health Canada (0.5 point) <input type="checkbox"/> Transport Canada (Navigable Waters Act) (0.5 point) <input type="checkbox"/> British Columbia Ministry of Environment / Yukon Environment (0.5 point) <input type="checkbox"/> Municipality (0.25 point) <input type="checkbox"/> First Nations (0.25 point)	Select all applicable jurisdictions or regulatory involvement in the project. Involvement is defined as regular or significant contribution and consultation to the project.
<b>Services Provided</b>	<input type="checkbox"/> Preparation of sampling and analysis plans (0.25 points) <input type="checkbox"/> Sediment investigations (0.25 points) <input type="checkbox"/> Sediment geochemistry and contaminant fate / transport studies (1 point) <input type="checkbox"/> Surface / ground water investigations (0.25 point) <input type="checkbox"/> Tissue collection and analysis (0.5 point) <input type="checkbox"/> Bioaccumulation testing and analysis (0.5 point) <input type="checkbox"/> Recontamination and source control investigations (1 points) <input type="checkbox"/> Natural recovery studies (1 points) <input type="checkbox"/> Toxicological and biological characterization studies (0.5 point) <input type="checkbox"/> Oceanography / hydrology/ bathymetric / coastal studies (0.5 point) <input type="checkbox"/> Food web modeling (1 points) <input type="checkbox"/> Hydrodynamic Modeling (1 points) <input type="checkbox"/> Sediment Transport Modeling (1 points) <input type="checkbox"/> Data management (0.25 point)	Select all applicable services provided by the Bidder during the project. The Bidder may only claim services where they were the lead for that service.
<b>Personnel Involvement</b>	1 _____ (0 point) 2 _____ (0 point) 3 _____ (0 point) 4 _____ (0.5 point) 5 _____ (0.5 point)	List all personnel from table G.1.1.1 Corporate Capacity that were involved in the project. <b>A minimum of three individuals must be submitted. Only intermediates and above will be accepted and one individual must be a senior</b>

Reference Name: \_\_\_\_\_

Reference Title: \_\_\_\_\_

Reference Company / Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### G.1.2.2 Project Experience Table Project #2 (Planning, Evaluation, and Design)

		Notes
<b>Project Name</b>		Include marine water body type in project name (eg. harbour, port etc.)
<b>Client</b>	<input type="checkbox"/> PWGSC (3 points) <input type="checkbox"/> Government or public entity (1 point) <input type="checkbox"/> Other (0 points)	Select the type client that contracted work. Select ONE of the three options.
<b>Location</b>	<input type="checkbox"/> British Columbia / Yukon Territory (3 points) <input type="checkbox"/> Other Canadian Province/ Territory (1 point) <input type="checkbox"/> International (0 points)	Province / territory, country of project. Select ONE of the three options
<b>Value</b>	<input type="checkbox"/> >\$500,000 (3 points) <input type="checkbox"/> \$125,000 – 500,000 (2 points) <input type="checkbox"/> \$25,000 - \$125,000 (1 point) <input type="checkbox"/> <\$25,000 (0 points)	Select the project value range. Select ONE of the four options.
<b>Sediment Contaminant Types</b>	<input type="checkbox"/> Nutrients (0.2 point) <input type="checkbox"/> Bulk organics (oil, grease etc.) (0.2 point) <input type="checkbox"/> Halogenated hydrocarbons or persistent organics (0.2 point) <input type="checkbox"/> Polycyclic aromatic hydrocarbons (0.2 point) <input type="checkbox"/> Metals / inorganics (0.2 point)	Select all applicable sediment contaminants types involved in the project.
<b>Regulatory Oversight or Involvement</b>	<input type="checkbox"/> Environment Canada (0.5 point) <input type="checkbox"/> Fisheries and Oceans Canada (0.5 point) <input type="checkbox"/> Health Canada (0.5 point) <input type="checkbox"/> Transport Canada (Navigable Waters Act) (0.5 point) <input type="checkbox"/> British Columbia Ministry of Environment / Yukon Environment (0.5 point) <input type="checkbox"/> Municipality (0.25 point) <input type="checkbox"/> First Nations (0.25 point)	Select all applicable jurisdictions or regulatory involvement in the project. Involvement is defined as regular or significant contribution and consultation to the project.
<b>Remediation Techniques Evaluated</b>	<input type="checkbox"/> Dredging (0.25 point) <input type="checkbox"/> Capping (0.25 point) <input type="checkbox"/> Enhanced Natural Recovery (0.25 point) <input type="checkbox"/> Monitored Natural Recovery (0.25 point) <input type="checkbox"/> Treatment (0.25 point) <input type="checkbox"/> Beneficial Reuse (0.25 point) <input type="checkbox"/> Confined Disposal (0.25 point) <input type="checkbox"/> Off-Site Disposal (0.25 point)	Select all remediation techniques that were evaluated as part of the remedial options analysis.
<b>Services Provided</b>	<input type="checkbox"/> Marine sediment remedial options analysis (1 point) <input type="checkbox"/> Liability cost estimation (1 point) <input type="checkbox"/> Detailed remedial action plan / risk management plan based on preferred option (1 point) <input type="checkbox"/> Project permitting and regulatory support (0.5 point) <input type="checkbox"/> Sustainable remediation design (0.5 point) <input type="checkbox"/> Coastal engineering for contaminated marine sediment projects (1 point) <input type="checkbox"/> Marine geotechnical engineering for contaminated sediment projects (0.5 point) <input type="checkbox"/> Dredging design for contaminated sediments (1 point) <input type="checkbox"/> Cap design engineering for contaminated marine sediments (1 point) <input type="checkbox"/> Structural engineering of marine structures for contaminated sediment remediation. (0.5 point)	Select all applicable services provided by the Bidder during the project. The Bidder may only claim services where they were the lead for that service.
<b>Personnel Involvement</b>	1 _____ (0 point) 2 _____ (0 point)	List all personnel from table G.1.1.1 Corporate Capacity

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	3 _____ (0 point)	that were involved in the project. <b>A minimum of three individuals must be submitted. Only intermediates and above will be accepted and one individual must be a senior</b>
	4 _____ (0.5 point)	
	5 _____ (0.5 point)	

**Reference Name:** \_\_\_\_\_

**Reference Title:** \_\_\_\_\_

**Reference Company / Organization:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

0

**G.1.2.3 Project Experience Table Project #3 (Consultant for Marine Sediment Remediation)**

		Notes
<b>Project Name</b>		Include marine water body type in project name (eg. harbour, port etc.)
<b>Client</b>	<input type="checkbox"/> PWGSC (3 points) <input type="checkbox"/> Government or public entity (1 point) <input type="checkbox"/> Other (0 points)	Select the type client that contracted work. Select ONE of the three options.
<b>Location</b>	<input type="checkbox"/> British Columbia / Yukon Territory (3 points) <input type="checkbox"/> Other Canadian Province/ Territory (1 point) <input type="checkbox"/> International (0 points)	Province / territory, country of project. Select ONE of the three options
<b>Value</b>	<input type="checkbox"/> >\$500,000 (3 points) <input type="checkbox"/> \$125,000 – 500,000 (2 points) <input type="checkbox"/> \$25,000 - \$125,000 (1 point) <input type="checkbox"/> <\$25,000 (0 points)	Select the project value range. Select ONE of the four options.
<b>Sediment Contaminant Types</b>	<input type="checkbox"/> Nutrients (0.2 point) <input type="checkbox"/> Bulk organics (oil, grease etc.) (0.2 point) <input type="checkbox"/> Halogenated hydrocarbons or persistent organics (0.2 point) <input type="checkbox"/> Polycyclic aromatic hydrocarbons (0.2 point) <input type="checkbox"/> Metals / inorganics (0.2 point)	Select all applicable sediment contaminants types involved in the project.
<b>Regulatory Oversight or Involvement</b>	<input type="checkbox"/> Environment Canada (0.5 point) <input type="checkbox"/> Fisheries and Oceans Canada (0.5 point) <input type="checkbox"/> Health Canada (0.5 point) <input type="checkbox"/> Transport Canada (Navigable Waters Act) (0.5 point) <input type="checkbox"/> British Columbia Ministry of Environment / Yukon Environment (0.5 point) <input type="checkbox"/> Municipality (0.25 point) <input type="checkbox"/> First Nations (0.25 point)	Select all applicable jurisdictions or regulatory involvement in the project. Involvement is defined as regular or significant contribution and consultation to the project.
<b>Remediation Techniques Used</b>	<input type="checkbox"/> Dredging (0.25 point) <input type="checkbox"/> Capping (0.25 point) <input type="checkbox"/> Enhanced Natural Recovery (0.25 point) <input type="checkbox"/> Monitored Natural Recovery (0.25 point) <input type="checkbox"/> Treatment (0.25 point) <input type="checkbox"/> Beneficial Reuse (0.25 point) <input type="checkbox"/> Confined Disposal (0.25 point) <input type="checkbox"/> Off-Site Disposal (0.25 point)	Select all remediation techniques that were implemented during the project.
<b>Services Provided</b>	<input type="checkbox"/> Preparation of project management documents (1 point) <input type="checkbox"/> Constructability review and quality assurance of design documents (1 points) <input type="checkbox"/> Construction contract administration (1 points) <input type="checkbox"/> Materials testing (1 points) <input type="checkbox"/> Construction surveys and characterization (1 points) <input type="checkbox"/> Preparation of record drawings (0.5 point) <input type="checkbox"/> Compliance monitoring (0.5 point) <input type="checkbox"/> Post remediation sediment / water / tissue monitoring (1 point) <input type="checkbox"/> Preparation of site closure reports (1 point)	Select all applicable services provided by the Bidder during the project. The Bidder may only claim services where they were the lead for that service.
<b>Personnel Involvement</b>	1 _____ (0 point) 2 _____ (0 point) 3 _____ (0 point) 4 _____ (0.5 point) 5 _____ (0.5 point)	List all personnel from table G.1.1.1 Corporate Capacity that were involved in the project. <b>A minimum of three individuals must be submitted. Only intermediates and above</b>

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	<b>will be accepted and one individual must be a senior</b>
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**Reference Name:** \_\_\_\_\_

**Reference Title:** \_\_\_\_\_

**Reference Company / Organization:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

### G.1.3.1 Depth of Experience Table

Remediation Technique		Project Name
	Dredging	
	Example 1	Project Name: Water Body: Volume Dredged: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
	Example 2	Project Name: Water Body: Volume Dredged: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
	Example 3	Project Name: Water Body: Volume Dredged: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
	Example 4	Project Name: Water Body: Volume Dredged: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
	Example 5	Project Name:

	Water Body: Volume Dredged: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
<b>Capping</b>	
Example 6	Project Name: Water Body: Volume Capped: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 7	Project Name: Water Body: Volume Capped: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 8	Project Name: Water Body: Volume Capped: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 9	Project Name: Water Body: Volume Capped: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 10	Project Name: Water Body: Volume Capped: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
<b>Enhanced Natural Recovery</b>	
Example 11	Project Name: Water Body: Volume ENR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 12	Project Name: Water Body: Volume ENR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 13	Project Name: Water Body: Volume ENR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 14	Project Name: Water Body: Volume ENR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)

Example 15	Project Name: Water Body: Volume ENR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
<b>Monitored Natural Recovery</b>	
Example 16	Project Name: Water Body: Volume MNR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 17	Project Name: Water Body: Volume MNR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 18	Project Name: Water Body: Volume MNR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 19	Project Name: Water Body: Volume MNR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
Example 20	Project Name: Water Body: Volume MNR: Name of Senior Individual from G.1.1.1 involved in project: _____ (0.5 point)
<b>Dredgate Fate</b>	<b>Treatment</b>

Example 21	Project Name: Water Body: Volume Treated: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 22	Project Name: Water Body: Volume Treated: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 23	Project Name: Water Body: Volume Treated: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 24	Project Name: Water Body: Volume Treated: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 25	Project Name: Water Body: Volume Treated: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
<b>Beneficial Reuse</b>		
Example 26	Project Name: Water Body: Volume re-used: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 27	Project Name: Water Body: Volume re-used: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 28	Project Name: Water Body: Volume re-used: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 29	Project Name: Water Body: Volume re-used: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 30	Project Name: Water Body: Volume re-used: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)

	_____	(0.5 point)
<b>Confined Disposal</b>		
Example 31	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 32	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 33	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 34	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 35	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
<b>Off-site Disposal</b>		
Example 36	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 37	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 38	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 39	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	(0.5 point)
Example 40	Project Name: Water Body: Volume disposed: Name of Senior Individual from G.1.1.1 involved in project: _____	

Solicitation No. - N° de l'invitation

E0276-131364/A

Amd. No. - N° de la modif.

002

Buyer ID - Id de l'acheteur

van524

Client Ref. No. - N° de réf. du client

E0276-131364

File No. - N° du dossier

VAN-2-35275

CCC No./N° CCC - FMS No/ N° VME

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			(0.5 point)
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**G.1.1.1 Corporate Capacity Table**

Specialization	A Name of Individual	B Years Experience	C Education	D Accreditation
1. Expert Environmental Scientist	1	1	1	1
2. Expert Environmental Engineer	1	1	1	1
3. Senior Program Coordinator	1	1	1	1
4. Senior Environmental Engineer / Scientist (General)	1	1	1	1
	2	2	2	2
	3	3	3	3
5. Intermediate Environmental Engineer / Scientist / Field Supervisor (General)	1	1	1	1
	2	2	2	2
	3	3	3	3
	4	4	4	4
6. Junior Environmental Engineer / Scientist (General)	1	1		
	2	2		
	3	3		
	4	4		
7. Senior Scientist (Specialty: Sediment / Surface / Stormwater/ Groundwater Studies)	1	1	1	1
	2	2	2	2
8. Intermediate Scientist (Specialty: Sediment/ Surface / Stormwater / Groundwater Studies)	1	1	1	1
	2	2	2	2
9. Senior Scientist (Specialty: Geochemical, Contaminant Fate/ Transport)	1	1	1	1
10. Senior Scientist (Specialty: Recontamination & Source Control Studies)	1	1	1	1
11. Senior Scientist/ Engineer (Specialty: Hydrodynamic & Sediment Transport Modeling)	1	1	1	1
12. Senior Oceanographer / Hydrologist	1	1	1	1
13. Intermediate Oceanographer / Hydrologist	1	1	1	1
14. Senior Toxicologist / Risk Assessor	1	1	1	1
15. Intermediate Toxicologist / Risk Assessor	1	1	1	1
16. Senior Biologist	1	1	1	1
17. Intermediate Biologist	1	1	1	1
18. Senior Coastal Engineer	1	1	1	1
19. Senior Marine Geotechnical Engineer	1	1	1	1
20. Intermediate Marine Geotechnical Engineer	1	1	1	1
21. Senior Remedial Technologies Engineer	1	1	1	1
	2	2	2	2
22. Intermediate Remedial Technologies Engineer	1	1	1	1
	2	2	2	2
23. Senior Construction Engineer	1	1	1	1
	2	2	2	2
24. Intermediate Construction Engineer	1	1	1	1
	2	2	2	2
25. Senior CADD / GIS/ Data Manager	1	1	1	1
26. Junior CADD/ GIS	1	1	1	1
	2	2	2	2
27. Senior Health and Safety Coordinator	1	1	1	1

**Bidders Team**

Bidder: \_\_\_\_\_

Sub-consultant #1 (if applicable): \_\_\_\_\_

Sub-consultant #2 (if applicable): \_\_\_\_\_