

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Regional Manager/Real Property  
Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

**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**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Regional Manager/Real Property Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

<b>Title - Sujet</b> RR Stg 1 Construction Eng. Services	
<b>Solicitation No. - N° de l'invitation</b> EQ754-141656/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b> R.050927.001	<b>Date</b> 2014-02-21
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWL-023-1903	
<b>File No. - N° de dossier</b> PWL-3-36066 (023)	<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 2014-03-04</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Lau, Karen	<b>Buyer Id - Id de l'acheteur</b> pwl023
<b>Telephone No. - N° de téléphone</b> (416) 512-5297 ( )	<b>FAX No. - N° de FAX</b> (416) 512-5862
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Randle Reef Hamilton Harbour Hamilton, ON	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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### **Amendment No. 005**

This amendment is being raised to (1) incorporate revisions to the RFP, (2) revise Requests for Clarification responses given in Amendment No. 002, and (3) provide responses to Requests for Clarification.

#### **(1) RFP REVISIONS**

##### **i) Table of Contents, Project Brief**

**Reference: Required Services (RS)**

Delete: In its entirety

Insert: Required Services (RS)  
 RS 1 Analysis of Project Requirements  
 RS 2 Construction and Contract Administration  
 RS 3 Resident Site Services During Construction  
 RS3A Consultant Site Office / Trailer and Boat(s)

##### **ii) Table of Contents, Project Brief**

**Reference: Optional Services (OS)**

Delete: In its entirety

##### **iii) Project Brief, (table of contents)**

**Reference: Required Services (RS)**

Delete: In its entirety

Insert: Required Services (RS)  
 RS 1 Analysis of Project Requirements  
 RS 2 Construction and Contract Administration  
 RS 3 Resident Site Services During Construction  
 RS3A Consultant Site Office / Trailer and Boat(s)

##### **iv) Project Brief, (table of contents)**

**Reference: Optional Services (OS), OS1 Bid Evaluation & Construction Contract Award**

Delete: In its entirety

##### **v) Project Brief, Description of Project (PD), PD 7 Consultant Services**

Delete: In its entirety

Insert:

**PD 7 CONSULTANT SERVICES**

1. The prime consultant shall be responsible to co-ordinate and direct all consultant team activities.
2. The consultant team shall be comprised of qualified professional and technical expertise with extensive relevant experience, and shall be capable of providing the services identified in the Required Services (RS) of this Project Brief.
3. The following Required Services (RS) are the overall Consultant Services required to deliver this project:

**REQUIRED SERVICES (RS)**

RS 1 - Analysis of Project Requirements  
 RS 2 - Construction and Contract Administration  
 RS 3 - Resident Site Services during Construction  
 RS 3A - Consultant Site office / Trailer and Boat(s)

Despite any other condition of the Contract, the Consultant is only authorized to perform the Work identified as Required Services of the Contract.

4. The consultant team for this project must be capable of providing the following services:
  - a. Civil engineering
  - b. Marine engineering
  - c. Geotechnical engineering
  - d. Environmental engineering
  - e. Air Quality engineering
  - f. Bathymetric Surveying expertise
  - g. Construction Techniques expertise
  - h. Field Personnel for monitoring
  - i. Records and reporting with computing software
  - j. Computing drafting with CADD
  - k. Underwater inspection, video and report
  - l. Air quality monitoring
  - m. Turbidity monitoring
  - n. Site data processing
  - o. Project management
  - p. Time control
  - q. Cost control
  - r. Risk management
  - s. Waste management
  - t. Sustainable development
  - u. Sediment remediation
  - v. Contract management
  - w. Resident inspections
  - x. Construction supervision
  - y. Communications
  - z. H&S management

**vi) Contract Project Brief, Optional Services (OS), OS1 Bid Evaluation & Construction Award**

Delete: In its entirety

Insert: RS 3A - Consultant Site Office / Trailer(s) and Boat(s)

Description of Services

1. Contractor will provide areas which have to be gravelled to prevent tracking of mud for site office / trailer(s) and 5 parking spaces, and berthing areas for consultant's boat(s).
2. Consultant shall provide site office / trailer(s) for all site personnel and equipments during construction stage.
3. Consultant shall make arrangements for the supply of water, electrical power, sanitary facilities, heat and any other temporary services required during construction and for the lifetime of any temporary facility.
4. Consultant shall provide and properly maintain sanitary facilities in convenient and clean condition for the consultant's personnel as required by the Construction Safety Act and in accordance with Ministry of Labour, local health authorities, the Ontario Ministry of Environment (MOE) and Departmental Representative
5. Consultant shall remove site office / trailer(s) from site and all such work after use.
6. Consultant shall provide boat(s) for inspections, sediment samples and bathymetry survey during construction stage.
7. Consultant shall remove boat(s) and all such work after use.

**vii) Submission Requirement and Evaluation (SRE), SRE 3 Submission Requirements and Evaluation**

**Reference: 3.1.2 Consultant Team Identification**

Delete: In its entirety

Insert: 3.1.2 Consultant Team Identification

The consultant team to be identified must include the following:

- Proponent (prime consultant) - Civil Engineer  
 Key Sub-consultants / Specialists - Marine Engineer
- Geotechnical Engineer
  - Environmental Engineer/Specialist
  - Air Quality Engineer / Specialist
  - Bathymetric Surveying Expert
  - Construction Techniques Expert
  - Field Personnel for Monitoring/  
Testing Monitoring Technician

Solicitation No. - N° de l'invitation

EQ754-141656/A

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

R.050927.001

Amd. No. - N° de la modif.

005

File No. - N° du dossier

PWL-3-36066

Buyer ID - Id de l'acheteur

pw1023

CCC No./N° CCC - FMS No/ N° VME

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- Resident Inspectors

you  
In the  
form of the  
Proponents, G19

Information required - name of firm, key personnel to be assigned to the project. For the prime consultant indicate current license and/or how intend to meet the provincial or territorial licensing requirements. In case of a joint venture identify the existing or proposed legal joint venture (refer to R1410T General Instructions to Limitation of Submissions).

An example of an acceptable format (typical) for submission of the team identification information is provided in Appendix A.

**viii) Appendix A - Team Identification Format**

Delete: In its entirety

Insert: Appendix A - Team Identification Format 2 (appended to this amendment)

**ix) Appendix C - Price Proposal Form**

Delete: In its entirety

Insert: Appendix C - Price Proposal Form 2 (appended to this amendment)

(2) **AMENDMENT NO. 002, DATED 2014-01-13, (2) REQUESTS FOR CLARIFICATION REVISIONS**

i) **Reference:**

**Q9. RS 2 Section 2.3.9 Item 5 - Specifies that the Consultant will inspect materials/prefabricated assemblies and components at their source or assembly plant, as necessary. This will require travel to the source or assembly plant, however there is no provision for travel in the costing forms in Appendix C. Additionally, Appendix C indicates that time, accommodations and/or expenses will not be reimbursed separately. How does the Consultant get reimbursed for these costs?**

A.9. Travel Time, accommodations and/or expenses shall be included in the Fees required to deliver the Consultant Services and shall not be reimbursed separately. Please refer to R1230D GC 5 - Terms of Payment

Delete: A9. In its entirety

Insert: **A9. Travel required for Section 2.3.9.5 will be paid for as a disbursement under D. Disbursement section of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

in  
be  
Payment.

**All other travel time, accommodations and/or expenses shall be included the Fees required to deliver the Consultant Services and shall not reimbursed separately. Please refer to R1230D GC 5 - Terms of**

ii) **Reference:**

**Q.17 Appendix C - Price Proposal Form, Section D Disbursements - The RFP does not indicate any provision for a site office. Can PWGSC clarify if the consultant is to supply a site office or whether this is to be supplied by others?**

A.17. Site office is to be supplied by Contractor. Please note RS2, Clause 2.3.16.3 Air Monitoring - Supplied Data and Equipment

Delete: A17. In its entirety

an

Insert: **A 17. The Consultant shall supply the site office. Site office expenses are item under RS3A of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

iii) **Reference:**

**Q.18 Appendix C - Price Proposal Form, Section D Disbursements - The RFP does not appear to include any provisions for marine transportation for the Consultant and Item B indicates that travel expenses are not recoverable. Can PWGSC clarify if marine transportation to support inspection and monitoring is an disbursement or addressed elsewhere?**

eligible

A.18. Marine transportation will be supplied by the Construction Contractor.

Delete: A18. In its entirety

Insert: **A 18. The consultant shall supply the marine transportation. Marine transportation expenses are an item under RS3A of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

C

**(3) REQUESTS FOR CLARIFICATION**

Q1. Appendix A and section 3.1.2 list 9 key personnel positions, but the same titles do not appear in Appendix C - Price Proposal Form. Please clarify which titles and qualifications are required, and which positions are considered "key personnel" requiring a CV in the proposal.

**A1. The 9 key personnel positions in SRE 3.1.2 are now included in Tables RS2 Construction and Contract Administration and RS3 Resident Site Services During Construction of the Revised Appendix C - Price Proposal Form in 1.ix) above. .**

**002 For the "key personnel" requiring a CV in the proposal, please refer to Amendment No. dated 2014-01-13 item (1) Submission Requirements and Evaluation (SRE) Revision**

Q2. PD 7 Section 4- The RFP indicates that the Consultant must be capable of providing the listed services. This list does not align with Consultant Team list identified in SRE 3 Section 3.1.2 and in addition does not align with the team identification format list in Appendix A, and the Price Proposal Forms RS 2 and RS 3 in Appendix C. Can the PWGSC please clarify the key roles to be identified in Appendix A in relation to the list of the services provided in PD 7 Section 4?

**A2. The Consultant must be able to provide the listed services in PD 7 Section 4. However, only some of the services listed in PD 7 Section 4 will be evaluated as part of rated requirements.**

**will Please see item 1. vii) above Revision to SRE 3.1.2 for the list of the key personnel that be evaluated as part of the rated requirements. Revised Appendix A in item 1. viii) above requires the proponent to identify their key personnel in SRE 3.1.2 and provide the required information.**

**in The listed personnel under the team identification format list of the Revised Appendix A item 1 viii) above is in align with the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q3. SRE 3 Section 3.1.2 - This requirement identifies 8 positions that must be filled as a mandatory requirement, however, these positions do not align with those provided in Appendix C Table RS2. Additionally, if the consultant identifies other roles that are required to provide the required services, how are these to be accounted for in the Appendix C Tables RS2 and RS3?

**A3. The positions listed in the revised SRE 3.1.2 above are in align with the RS 2 of the Revised Appendix C - Price Proposal Form in 1.ix) above. Other roles identified by the Consultant after the contract award must be accepted by the Departmental Representative.**

**Q4.** Appendix C - Price Proposal Form, Section B Tables RS2, RS3 and OS1 - In Table RS2 some of the positions identified here are not included in the consultant team listed in SRE 3 Section 3.1.2., for example the Project Director. This also occurs in Table OS1. Can PWGSC clarify how the information for these individuals is to be incorporated into the submission? Are qualifications and experience required for these positions? Where is the information to be included as these positions are not included in Appendix A? There are positions identified in Table RS3 that are also not listed in SRE 3 Section 3.1.2., for example Resident Inspector 1 and 2. Clarification is requested regarding the submission requirements for these positions identified in Tables RS2, RS3 and OS1 versus the consultant team list in SRE 3 Section 3.1.2.

**A4.** **The 9 key personnel positions in the revised SRE 3.1.2 and Appendix "A" above are now included in Tables RS2 Construction and Contract Administration and RS3 Resident Site Services During Construction of the Revised Appendix C - Price Proposal Form above.**

**OS1 is not required and has been removed from the Revised Appendix C - Price Proposal Form in 1.ix) above.**

**Q5.** The price tables for RS 2, RS 3 and OS1 include different lists of team members from that shown in SRE Section 3.1.2 Consultant Team Identification (pg 57 of 90) and in PD Section 7.4. (pg 22 of 90):

- a. The RS2 Price Table lists Project Director while SRE Section 3.1.2 lists Proponent (Prime Consultant) and Civil Engineer. Do these both relate to the same position or are they different positions?
- b. If they relate to the same position, is the Project Director required to be a Civil Engineer or will background in another engineering discipline with appropriate related experience suitable?
- c. None of the Price Tables include a position for a geotechnical engineer and for a bathymetric surveying expert even though this category is included in the mandatory requirements list in SRE Section 3.1.2. Will you consider extending the list of staff to include these specialists under Price Table RS 2 or do you only see their involvement as being required under RS1 before commencement of construction?
- d. None of the Price Tables include a position for Mechanical Engineers and Electrical Engineers even though the provision of mechanical and electrical engineering services are required in Section PD 7.4. Will you consider extending the list of staff to include these specialists under Price Table RS 2 or do you only see their involvement as being required under RS1 before commencement of construction?

**A5a.** **Project Director has been removed from RS2. Please refer to the Revised Appendix C - Price Proposal Form in 1.ix) above.**

**A5b.** **Please refer to A5a.**

**A5c.** **The geotechnical engineer and the bathymetric surveying expert in SRE 3.1.2 are now included in Tables RS2 Construction and Contract Administration of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

**A5d.** **Mechanical Engineering and Electrical Engineering have been removed from Section PD 7.4. Please refer to Revision to Project Brief in 1.i) above.**

**Q6.** Under Appendix C Table RS2 Construction and Contract Administration, should the Civil/Marine Engineer be separate as per the outline / division of key staff in Appendix A?

**A6. Please refer to the Revised Appendix C - Price Proposal Form in 1.ix) above. Civil Engineer and Civil/Marine Engineer has separated into two items under Table RS2.**

Q7. Under Appendix C Table RS2 Construction and Contract Administration, should the Construction Techniques Expert 1 read to be the Geotechnical Engineer as per the outline / division of key staff in Appendix A?

**A7. The geotechnical engineer is now included in Table RS2 Construction and Contract Administration of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q8. Under Appendix C Table RS2 Construction and Contract Administration, should Construction Techniques Expert 2 simple read 'Construction Techniques Expert' or are there two separate intended roles? If there are two separate construction expert roles, what is the difference in expertise between them?

**A8. There is only one Construction Techniques Expert in Table RS2 Construction and Contract Administration of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q9. The Bathymetric Surveying Expert, and allocation of hours, appears to be missing under Table RS2 Construction and Contract Administration in Appendix C.

**A9. The Bathymetric Surveying Expert is now included in Table RS2 Construction and Contract Administration of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q10. There are discrepancies between the lists of required disciplines provided in different parts of the RFP. For example, Section PD 7 point 4 lists mechanical, electrical and geotechnical engineering (amongst others), Section SRE 3 point 3.1.2 does not include mechanical or electrical engineers, Appendix A does not include mechanical or electrical engineers and the price proposal forms in Appendix C do not include geotechnical, mechanical or electrical engineers. To ensure consistency in proposals received, it is suggested that additional rows with appropriate hours be included in table RS2 to cover additional specialist engineering personnel.

**A10. Mechanical, electrical engineering has been removed from PD7. Please refer to Revision to Project Brief in 1i) above. The geotechnical engineer is now included in Table RS2 Construction and Contract Administration of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q11. Section 3.1.2. of the RFP document indicates the Key Personnel that must be included on the Project Team, including a civil engineer and a marine engineer. However, Table RS2 of Appendix C appears to indicate the Civil Marine Engineer as one person/role. Can the following points be clarified?

- a. Can one person fill more than one of the roles list in Section 3.1.2, or is it preferred/required that one person fill each role.
- b. Is it intended that the roles and associated hours presented in Table RS2 be allotted to one person?
- c. If not, is there a preferred maximum number of staff allotted to any one role?

**A11. Please refer to A6 above.**

**A11a. Yes. One person can fill more than one role.**

**A11b. The roles and associated hours are not required to be allotted to one person.**

**A11c. The Proponent shall determine the number of staff allotted to any role.**

Q12. The number of skills that must be covered by the project team exceeds the number of designated staff. Some skills (i.e. air monitoring, GCMS operating, turbidity monitoring) are not necessarily going to fall within the capability of a single individual. Is it permissible to cover off these skills using a second or third individual who is charged-for under the same category such as the Testing/Monitoring Technician?

**A12. Yes, it is permissible to cover off these skills using a second or third individual.**

Q13. A total number of hours have been estimated for each team member for RS 2 and RS 3 in the cost estimating tables. Note 4. relating to time based fees indicates that payment will be made for all hours worked. Could you confirm that the hours shown are provisional for comparison purposes and that payment will continue to be made if the work for any or all categories exceeds beyond the hours listed for each?

**A13. The total number of hours list for each team member for RS 2 and RS 3 in the cost estimating tables form the upset limits which cannot be exceeded in the contract without prior approval from the Departmental Representative.**

Q14. Appendix C, Item D - Please clarify the invoicing and payment requirements for the identified Disbursements. Is a markup on Disbursements acceptable under this contract? Similarly, how are sub-consulting costs treated for invoicing and payment? Is a markup considered acceptable for sub-consulting costs?

**A14. The terms of payment for this contract do not make provisions for mark-ups on Disbursements and/or Sub-Consultants costs. Please refer to R1230D GC 5 - Terms of Payment for invoicing, payment and allowable costs information.**

Q15. Based on the hours provided within the price proposal forms in Appendix C, it appears that the PWGSC assumes that the Civil/Marine Engineer will be the primary full-time contract administrator for the duration of the contract. Can PWGSC confirm that the Civil/Marine Engineer is to be the full-time contract administrator?

**A15. Civil/Marine Engineer will be the full-time contract administrator for this contract.**

Q16. The document calls for inspection of materials at the assembly plant: Will these assembly locations all be in Ontario? If not, can we get a list of locations for pricing - section 2.3.9?

**A16. Travel required for Section 2.3.9.5 will be paid for as a disbursement in accordance with R1230D GC 5 Terms of Payment. The exact location(s) will be provided after this contract is awarded.**

Q17. Can PWGSC please provide the locations / addresses where materials will need to be inspected / reviewed prior to being shipped to site?

**A17. The exact location(s) will be provided after this contract is awarded.**

Q18. Will a site office be provided by the contractor (i.e. power, heat, internet connection, washroom facilities, etc.) for the consultant's resident site staff?

**A18. The Consultant shall supply the site office for their staff including power, heat, internet connection, washroom facilities, etc. Site office expenses is an item under RS3A of the Revised Appendix C - Price Proposal Form in 1.ix) above. Please refer to (2) REQUESTS FOR CLARIFICATION REVISIONS above item i, A17.**

Q19. Page 34 of 90, section 2.3.16.3 paragraph 3 indicates: "The Consultant will retain this equipment on-site in a securely locked trailer, supplied by the Consultant and of adequate size to perform the appropriate testing for the duration of the contract."

Please confirm that it is PWGSC intent that the Consultant provides the trailer, as site trailers are generally provided by the Contractor and not the Consultant. Please also confirm that an appropriate location is available for a Consultant supplied trailer on the Contractor controlled site.

**A19. The Consultant provides trailer(s) for their personnel and operations on site. The Contractor provides a location for the Consultants trailer(s)' parking and berthing areas.**

Q20. The Stage 1 contract specifications do not specify that the Contractor shall provide parking space for the Consultant. Based on the number of specialist personnel required, at least 4 parking spots will be required. Will the Contractor will be responsible for providing adequate parking for the Consultant?

**A20. The Contractor will supply 5 parking spots for the Consultants operations.**

Q21. Can PWGSC please define the scope of the bathymetric survey expert's work, and provide the expected number of hours? Please confirm if conducting bathymetric surveys will be part of the consultant contract or will be the responsibility of the Contractor.

**A21. The scope of bathymetric survey is mainly for bathymetric (sounding) survey between the double steel sheet pile walls and other areas as required. The access to the areas for survey will be provided by the contractor. The bathymetric survey is part of the Consultant's contract. The number of hours is identified in RS2 table of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q22. Under Section 2.3.15 Inspection and Testing and Section 2.3.16 Environmental Testing and Monitoring of RS 2, is the Construction/Contract Administration Consultant firm precluded from providing specialist/specific inspection and testing services or monitoring services?

**A22. No, the Consultant / Contract Administration Consultant is not precluded from providing specialist / specific inspection and testing services or monitoring services.**

Q23. Can PWGSC please confirm if materials testing is included in the scope of the consultant contract? If so, please advise how costs associated with material testing are to be accounted for in the fee proposal?

**A23. Material testing is included in the scope of the Construction Engineering Services. Material testing will be paid for under disbursements. Please refer to Disbursement section of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q24. Can PWGSC please clarify the intended roles and responsibilities of the "Testing Monitoring Technician" and the "Site Data Processing Technician" under the RS 3 Resident Site Services During Construction table in Appendix C of the RFP?

**A24. Refer to RS2.3.16 Environmental Testing and Monitoring for the intended roles and responsibilities of the "Testing Monitoring Technician" and the "Site Data Processing Technician".**

Q25. PA1 Project Administration (pg 24 of 90): Per item '1.1 PWGSC Project Management', can you confirm what "additional federal, provincial and municipal requirements and approvals are necessary for the work" that the Consultant is required to obtain?

**A25. The intent of this solicitation process is to obtain a consulting firm that is qualified to complete the work as identified in this solicitation. A qualified firm should know and understand the federal, provincial and municipal requirements and approvals that are required to complete the work of this solicitation.**

Q26. Can you please clarify the intention of and the need for the last paragraph of PA1 Section 1.1 on page 24? Are there any outstanding approvals necessary to undertake the work, and if so can you please identify these?

**A26 Please refer to A25 above.**

Q27. Page 26: section 1.1 (obtaining approvals and authorizations): What authorizations have already been obtained following the analysis of authorities in AECOM's environmental assessment report? Is there a compensation program for losses of fish habitat, for which one or more authorizations should be obtained?

**A27. A permit under the Navigable Waters Protection Act from Transport Canada (TC) is required for this project. This work is underway but it is not a requirement for this contract.**

**The Department of Fisheries and Oceans (DFO) determined that they would not require any regulatory approvals for this project to be implemented. As such, there are no authorizations that need to be obtained from DFO.**

**Environment Canada (EC) and Hamilton Port Authority (HPA) are the other two authorities identified in the Comprehensive Study Report, neither of which will be issuing authorizations associated with the environmental assessment.**

**Compensation for loss of fish habitat is not part of the scope of this contract.**

Q28. Upon further examination of the General Conditions attach to the RFP there appears to be a discrepancy between a number of paragraphs and the seeming intent of the description of the Services that PWGSC is looking for the Consultant to complete.

delivering potential Please clarify the intent of R1220D GC3.11 (2011-05-16) Cost Control - Is it the intent of RS1 "Review the cost plan/budget for verification that costs are realistic and achievable" and a "3. Confirmed or adjusted project cost....." that the Consultant actually taking over full responsibility for the existing Construction Cost Estimate (should one exist), including re-design work that may be required to reduce the Construction Cost Estimate to below the Construction Cost Limit including during the tender call?

**A28. The intent of R1220D GC3.11 applies to the Consultant who prepared the Construction Cost Estimate.**

**RS1 does not make the Consultant responsible for the Construction Cost Estimate and does not make the Consultant responsible for any redesign work.**

Q29. R1230D GC 5.4 (2011-05-16) Payments for Services

It details a payment schedule:

- 10% upon acceptance of design concept documents
- 15% upon acceptance of design development documents
- 45% upon acceptance of construction documents
- 5% upon award of the construction contract
- 22% upon completion of the construction contract
- 3% upon report the status of defects at the end of the warranty period

This does not seem to fit well with the scope of work. Please advise if it is PWGSC intent to use this payment schedule?

**A29. Above referenced payment schedule refers to payments in respect of a Percentage Fee Arrangement. Basis of Payment for this Contract includes a Fixed and Time Based Fee Arrangement. Please refer to the Revised Appendix C Price Proposal Form in 1.ix) above.**

Q30. Do the hours that are provided in Appendix C Price Proposal Form Table RS 2 and RS 3 take in to account overtime?

**A30. Payment for Time Based Fees are to an upset limit that will be for the duration of the construction period, and it is up to the consultant how best to organize their resources so as to carry out Construction and Contract Administration and Resident Site Services During Construction using available Fees. Whether this is several resources working normal working days back-to-back or one resource working a combination of normal and overtime hours. Consultant arranges schedule for the staff to manage this construction contract within upset limit of proposed fees.**

Q31. Within Appendix C - Price Proposal Form, TABLE RS 2 Construction and Contract Administration

There are two (2) Construction Techniques Experts identified, one (1) Construction Techniques Expert for 500 Hours and one (1) Construction Techniques Experience for 300 Hours.

Is it the intention of PWGSC to have two (2) unique resources identified to fill these positions, or can one (1) resource be identified to fulfill these two (2) positions, as the total number of hours do not equal a full time position.

**A31. There is only one Construction Techniques Expert in Table RS2 Construction and Contract Administration of the Revised Appendix C - Price Proposal Form in 1.ix) above.**

Q32. Appendix C - Item D. Disbursements - Can PWGSC confirm that mark-up on disbursements is to be included in the \$200,000 Maximum Allowable Disbursements stipulation in the RFP?

**A32. The terms of payment for this contract do not make provisions for mark-ups on Disbursements. Please refer to R1230D GC 5 - Terms of Payment for invoicing, payment and allowable costs information. Please refer A14 above.**

**APPENDIX A - TEAM IDENTIFICATION FORMAT 2**

For details on this format, please see SRE in the Request For Proposal.

The prime consultant and other members of the Consultant Team shall be, or eligible to be, licensed, certified or otherwise authorized to provide the necessary professional services to the full extent that may be required by provincial or territorial law.

**I. Prime Consultant (Proponent): Civil Engineer**

Firm or Joint Venture Name: .....  
.....  
.....

Key Individuals and provincial professional licensing status and/or professional accreditation:

.....  
.....  
.....

**II. A. Key Sub Consultants / Specialists: Marine Engineer**

Firm Name: .....  
.....  
.....

Key Individuals and provincial professional licensing status and/or professional accreditation:

.....  
.....

Solicitation No. - N° de l'invitation

EQ754-141656/A

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

R.050927.001

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005

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PWL-3-36066

Buyer ID - Id de l'acheteur

pw1023

CCC No./N° CCC - FMS No/ N° VME

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**B. Key Sub Consultants / Specialists: Geotechnical Engineer**

Firm Name: .....  
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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**C. Key Sub Consultants / Specialists: Environmental Engineer/Specialist**

Firm Name: .....  
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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**D. Key Sub Consultants / Specialists: Air Quality Engineer/Specialist**

Firm Name: .....  
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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**E. Key Sub Consultants / Specialists: Bathymetric Surveying Expert**

Firm Name: .....  
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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**F. Key Sub Consultants / Specialists: Construction Techniques Expert**

Firm Name: .....  
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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**G. Key Sub Consultants / Specialists: Field Personnel for Monitoring/ Testing and Monitoring Technician**

Firm Name: .....  
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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**H. Key Sub Consultants / Specialists: Resident Inspector(s)**

Firm Name: .....

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Key Individuals and provincial professional licensing status and/or professional accreditation:

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**APPENDIX C - PRICE PROPOSAL FORM 2**

INSTRUCTIONS: Complete this Price Proposal Form and submit in a **separate sealed envelope** with the Name of Proponent, Name of Project, PWGSC Solicitation Number, and the words "PRICE PROPOSAL FORM" typed on the outside of the envelope. Price Proposals are not to include Applicable Taxes.

PROPOSANTS SHALL NOT ALTER THIS FORM

**Project Title: Randle Reef - Sediment Remediation: Stage 1 - Construction Engineering Services**

**Name of Proponent:** \_\_\_\_\_

**The following will form part of the evaluation process:**

**REQUIRED SERVICES**

- A. Fixed Fee (R1230D (2012-07-16), GC 5 - Terms of Payment)**

SERVICES	FIXED FEE
RS 1 Analysis of Project Requirements	\$.....

<b>RS 3A Consultant Site Office / Trailer(s) and Boat(s)</b>				
<b>Item</b>	<b>Description</b>	<b>Weekly Rate *</b>	<b>Estimated Weeks</b>	<b>Total Amount \$ (Estimated)</b>
Consultant Site Office / Trailer			100	
Boat(s)			100	
<b>RS 3 TOTAL</b>				

Note: \* Weekly rate is from Monday to Sunday inclusive.

SERVICES	FIXED FEE
RS 1 Analysis of Project Requirements	\$.....
RS 3A Consultant Site Office / Trailer(s) and Boat(s)	\$.....

**MAXIMUM FIXED FEES \$.....**

- **B. Time Based Fees** (R1230D (2012-07-16), GC 5 - Terms of Payment)

## Notes:

1. The cost for these services shall be based on the Fixed Hourly Rates identified below for the duration of the Contract. The rates must be inclusive of overhead and profit and excluding HST.
2. Construction period is based on an estimated 100 weeks.
3. No information is to be added to, or deleted from this form and all required prices must be filled in on the form. There shall be no "not applicable" or blank price items, or the proposal will be declared non-responsive and set aside, receiving no further consideration.
4. Payment will be based on actual hours spent. Travel time, accommodations and/or expenses will not be reimbursed separately.
5. All inclusive hourly rate is applicable to both normal working hours and any other shift work as required.

<b>RS 2 Construction and Contract Administration</b>				
<b>Position</b>	<b>Name</b>	<b>Fixed Hourly Rate (\$/hr)</b>	<b>Estimated Hrs</b>	<b>Total Amount \$ (Estimated)</b>
Principle -Civil Engineer			350	
Civil/Marine Engineer			4,000	
Construction Techniques Expert			500	
Environmental Engineer/Specialist			500	
Air Quality Engineer/Specialist			300	
Bathymetric Surveying Expert			150	
Geotechnical Engineer			50	
Records, CADD and Reporting Technician Assistance			2,000	
Administration Support Clerk			1,000	
<b>RS 2 TOTAL</b>				

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**RS 3 Resident Site Services During Construction**

Position	Name	Fixed Hourly Rate (\$/hr)	Estimated Hrs	Total Amount \$ (Estimated)
Resident Inspector(s)*			8,000	
Field Personnel for Monitoring/ Testing and Monitoring Technician			3,000	
Site Data Processing Technician			3,000	
<b>RS 3 TOTAL</b>				

Note: \* consultant will determine the schedule and number of inspectors as required during construction stage.

**SERVICES**

**TIME BASED FEE**

RS 2 Construction and Contract Administration

\$.....

RS 3 Resident Site Services During Construction

\$.....

**MAXIMUM TIME BASED FEES**

\$.....

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♦ **D. Disbursements** (R1230D (2012-07-16), GC 5 - Terms of Payment, GC5.12 Disbursements)

- Laboratory Testing and Material Testing,
- Site Testing Equipment not supplied by PWGSC
- Lab Testing
- Site Testing
- Consumables and Storage Facilities.
- Travel for the Consultant / Engineer to review the steel fabrication in the US.
- 2 underwater inspections by divers.
- All Equipment purchased by Consultant to be handed over to PWGSC after completion of contract.

**MAXIMUM ALLOWABLE DISBURSEMENTS** **\$200,000.00\*\***

*\*\*All Proponents are to carry this amount for Price Proposal Evaluation purposes.*

**TOTAL COST OF SERVICES FOR PROPOSAL EVALUATION PURPOSES**

A. Maximum Fixed Fees - RS 1 and RS 3A	\$.....
B. Maximum Time Based Fees - RS 2 and RS 3	\$.....
D. Maximum Allowable Disbursements	<u>\$ 200,000.00</u>
<b>Total Evaluated Fee</b>	<b>\$.....</b>

**END OF PRICE PROPOSAL FORM**