



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Bid Receiving Public Works & Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada**
1713 Bedford Row
Halifax, N.S./Halifax,(N.E.)
B3J 1T3
Halifax
Bid Fax: (902) 496-5016

**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

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.E.)
B3J 3C9
Halifax
Nova Scot

Title - Sujet Construction Machais Lighthouse Pres	
Solicitation No. - N° de l'invitation EB144-170852/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client EB144-170852	Date 2016-07-26
GETS Reference No. - N° de référence de SEAG PW-\$PWA-124-5428	
File No. - N° de dossier PWA-6-76038 (124)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-08-03	
Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Matheson (PWA), Valerie	Buyer Id - Id de l'acheteur pwa124
Telephone No. - N° de téléphone (902) 496-5100 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

MODIFICATION 005

Modification 005 est généré pour répondre aux questions reçues à la suite de la visite des lieux.

- 1. Q: Are we allowed to put several drums of fuel on the island to refuel the choppers?**
A: *Fuel drums would be OK from an environmental perspective provided they use the existing fuel transfer area or have adequate secondary containment. They would also have to have an appropriate spill kit on site for the quantity of fuel they want to store.*
- 2. Q: Is the excavated contaminated soil disposed or left on site as stated in Section 02 41 13 1.6 Site conditions and under Summary of work 01 11 00 1.2?**
A: *As stated on the Spec – Place soil that is removed from around the exterior light tower footprint and place on tarp in an approved laydown area and cover with tarp (or equivalent) to reduce potential runoff and fugitive emissions from contaminated soil. **Once the restoration activities have been completed, return soil to its original location and condition.***
- 3. Q: Does the outside coating contain lead? Identify location of lead.**
A: *Refer to Appendix, all known Hazardous Materials are identified. As noted in the hazmat report – Lead was detected in leachate at concentrations above the landfill leachate disposal guideline (5 mg/L) in the following samples: white colour paint chips – **Interior walls and ceilings. Light level window frame, and exterior tower walls, (sample PS-02).***
- 4. Q: Railing Issue: Electrical, Communication equipment, tethered on to the top of guard railing around exterior gallery slab – Who removed this?**
A: *Contractor is responsible to remove and relocate to eastern side of lightkeepers cottage as per DWG A100*
- 5. Q: Can one bring a 4-wheeler or a larger vehicle such as a bobcat?**
A: *Due to the limited area on the island, the boardwalk system in place and the environmental sensitivity of the site (Federal Migratory Bird Sanctuary), motorized land transport is not recommended on this project.*
- 6. Q: Is there power in the lighthouse?**
A: *Yes, supplied by two (2) generators (16.5 kw, 17 kw). Contractor is responsible to make own assessment to determine if additional generators required.*

- 7. Q: According to the Stantec Environmental Report, there is toxic lead paint on the Exterior tower walls. During the Site Visit, I did not observe any paint on the existing concrete but rather a granular applied coating. This material does not appear like it was sampled according to the report. Will Stantec be completing further sampling to confirm / deny the presence or absence of lead on the exterior coating?**
- A:** *As noted in the Hazmat report – Lead was detected in leachate at concentrations above the landfill leachate disposal guideline (5mg/L in the following samples: **white colour paint chops – Interior walls and ceilings, light level window frame, and exterior tower walls, (sample PS-02).***
- 8. Q: There is an area on the island that is restricted to visitors, please confirm exact location.**
- A:** *The entire island is restricted access except for the walkways, buildings and the mowed areas.*
- 9. Q: On Drawing S400 Detail 3, the intent is confusing. One note references formwork indicating complete concrete replacement while another note reference crack injection of existing cracks. Can we get clarification of the intent and scope for this area?**
- A:** *Intent is to inject existing crack around perimeter of concrete curb at base of lantern with high strength epoxy adhesive. Refer to Specification Section 03 63 00 - Epoxy Injected Crack Repair. See also Photo 08 on Drawing A300.*
- 10. Q: Item 5 on the Unit Price Table references hand patching of the window jambs. Detail 2 on Drawing S401 references formwork at the windows. Can we get clarification of the intent for repair at the windows?**
- A:** *Intent is to repair deteriorated concrete along existing window jambs as directed by the Departmental Representative per Detail 4 on S400 or by hand patching shallow concrete deterioration (less than 13mm deep). Detail 2 on Drawings S401 applies to construction of new pediments above new window openings (as well as repairs to existing pediments). See Photo 10 on Drawing A301 for configuration of pediments above existing windows.*
- 11. Q: Section 03 20 00 states that plastic-coated tie wire will be used. The “Reference Standards” references both carbon steel bars and epoxy-coated steel bars. Can we get clarification of the type of reinforcing steel to be used (i.e. carbon vrs epoxy-coated)?**
- A:** *New reinforcing to be carbon steel bars.*
- 12. Q: Is an abrasive blast still required after the removal coating is removed since no Painting of the lighthouse is in phase 1**
- A:** *Abrasive blast existing concrete substrate at repair locations to allow for placement of new materials (e.g. new concrete, sealant, etc.).*

- 13. Q: After removal of the existing coating and concrete repairs is any patch painting required as outlined in specs?**
A: *Application of new coatings to exterior surfaces of lighthouse is not included with current scope of work - to be part of future phase of work.*
- 14. Q: Does the deteriorated inert concrete get shipped off site and go to a waste facility?**
A: *Remove from site and comply with Section 01 74 21: Construction demolition / waste management and disposal.*
- 15. Q: Can we confirm from the onsite discussions during the Site Visit that this initial stage of the project only involves exterior work?**
A: *Some aspects of exterior work will require related interior work. Refer to drawings and specs.*
- 16. Q: Is blasting an option?**
A: *Refer to Specification Section 02 41 13 - Selective Demolition for methodology associated with removal of existing coating on exterior surfaces of lighthouse. Provide mockup of potential removal methods as specified and allow for review by Departmental Representative.*
- 17. Q: Is the concrete sound or hallow?**
A: *Refer to project drawings for extent of concrete restoration (repairs).*
- 18. Q: There is a contradiction in the drawings and specifications – see Drawing #3 on A502 and Spec Pg1 -11 01 Hazardous Materials.**
A: *Detail 3/A502 is correct. Contaminated soil to be disposed of in accordance with 01 11 01, prepared by Stantec.*
- 19. Q: Issue with gallery floor (what happens when this is broken away)?**
A: *Refer to Detail 1 on Drawing S100 as well as Detail 2 on Drawing S400 for methodology associated with removal and replacement of existing gallery slab.*
- 20. Q: Question arose regarding more information needed about the 2 new windows that are to be put in the lighthouse.**
A: *Refer to notes on A200 at W17 and W18.*
- 21. Q: How do they address a rubble? Do they remove it from the island? How is that to be done?**
A: *Remove from site and comply with Section 01 74 21: Construction demolition / waste management and disposal. Removal can be performed via helicopter, barge or boat.*

- 22. Q: Does the entire exterior coating come off?**
A: *Yes, completely remove existing exterior coating down to concrete substrate. Refer to Specification Section 02 41 13 - Selective Demolition for methodology associated with removal of existing coating on exterior surfaces of lighthouse. Provide mockup of potential removal methods as specified and allow for review by Departmental Representative.*
- 23. Q: For the antenna relocates (Dwg. A100) - Where are they now located? Do they have wires attached to them and if so are they long enough to reach the cottage?**
A: *On the gallery railing. Yes, these currently run to the lighthouse keeper's cottage.*
- 24. Q: Where does the containment soil go once extracted?**
A: *Metal impacted soil excavated for exterior concrete repair is to be returned to the excavation from which it came.*
- 25. Q: When addressing the soil issue, how deep are they expected to go?**
A: *Soil excavation up to 600 mm around the perimeter of the light is required to repair subsurface concrete.*
- 26. Q: Is fall arrest still required as the scaffolding company will tie off to their staging during construction and once its green tagged (certified) then fall arrest is not required for the rest of the job?**
A: *Contractor responsible for all safety within contract boundary as per contract documents.*
- 27. Q: Is the pedestrian deck coating required as per Dwg. S101?**
A: *No, application of pedestrian deck coating is not required. Detail 3 on Drawing S101 is identified to be 'not in contract' and will be part of future phase of work.*
- 28. Q: Who would we contact at the Coast Guard/DFO to find out pricing on helicopter trips to the island?**
A: *Contractor should price transportation other than CCG.*
- 29. Q: In the documents, it states that we would need an archeologist, do you know who we would contact regarding something like that? Do you typically provide rates for a DFO researcher or would we have to contact another source for an archeologist?**
A: *No archaeologist is required.*
- 30. Q: Do they want that old bird net between the lighthouse and the building reinstalled?**
A: *No, the netting does not need to be reinstalled.*

31. Q: The quantities for concrete repair/replacement in the Unit Price Table do not seem to cover all of the repairs as shown on the drawings. Of particular concern is the replacement of the concrete shown on Drawing S400 (Details 1 and 2). Are these repairs to be included in the Lump Sum Price?

*A: Bidders are to provide unit prices for all unit prices shown on the Unit Price Table, **ALL** other costs to be included in the Lump Sum Line.*

32. Q: Due to these questions and the clarification answers resulting from the site meeting, we request an extension of the tender closing date to be considered.

*A: Yes, Amendment 004 has extended the closing date from July 28 to **August 3, 2016**.*

33. Q: Will PW have the power lines shielded for safety where they attach to the copula?

A: No, contractor responsible for all safety within contract boundary as per contract documents.

34. Q: Is there any Haz Mat whatsoever inside the lighthouse?

A: Refer to Appendix, all known Hazardous Materials are identified.

35. Q: Is it possible for our crew to stay in the second cottage on the island while performing the work? If not, is it possible to set up our own accommodations on the island?

A: Yes, the accommodations are available for contractor's use after August 15th as per contract documents.

36. Q: A question was asked about the long pipes protruding out of the side of the lighthouse.

A: These are exhaust pipes.

37. Q: Where does the boat dock?

A: Contractor to make own assessment in accordance with contract documentation.

38. Q: What is the distance from lighthouse to barge area?

A: Contractor to make own assessment in accordance with contract documentation.

- 39. Q: What are the accommodations?**
A: *There are 3 bedrooms (sleeps 5), washroom facilities, and "Potable" water which is drinkable / treated and tested.*
- 40. Q: What is the phone service?**
A: *At the moment there is not a Canadian service, you must obtain your own cell phone plan.*
- 41. Q: Can you confirm the immobilization date is August 15th?**
A: *Confirmed.*
- 42. Q: Are port-a-potties still required?**
A: *Confirmed.*
- 43. Q: What about drinking water supply?**
A: *Answered above, potable and tested.*
- 44. Q: Is a perimeter fence required?**
A: *Delineation of contract boundary is required as per contract documentation. Contractor has sole custody and control of work within contract boundary.*
- 45. Q: Is there water for mixing cement?**
A: *Contractor responsible for own mixing water that meets requirements of contract documentation. Sea water is not acceptable.*
- 46. Q: Is a new gallery level metal railing part of the contract as it's crossed out on "NIC" on Dwg. 500?**
A: *If it is crossed out and indicated by "NIC", this means that it is not in the contract.*

Toutes les autres modalités demeurent inchangées.