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**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**

| | |
|---|---|
| **Title - Sujet**<br>Clyburn Brook Bridge Replacement | |
| **Solicitation No. - N° de l'invitation**<br>EB144-170034/A | **Amendment No. - N° modif.**<br>002 |
| **Client Reference No. - N° de référence du client**<br>EB144-17-0034 | **Date**<br>2016-05-13 |
| **GETS Reference No. - N° de référence de SEAG**<br>PW-$PWA-110-5397 | |
| **File No. - N° de dossier**<br>PWA-6-76003 (110) | **CCC No./N° CCC - FMS No./N° VME** |
| **Solicitation Closes - L'invitation prend fin**<br>**at - à 02:00 PM**<br>**on - le 2016-05-18** | **Time Zone**<br>**Fuseau horaire**<br>Atlantic Daylight Saving Time ADT |
| **F.O.B. - F.A.B.**<br>**Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐ | |
| **Address Enquiries to: - Adresser toutes questions à:**<br>Collier (PWA), Susan | **Buyer Id - Id de l'acheteur**<br>pwa110 |
| **Telephone No. - N° de téléphone**<br>(902) 496-5350 (  ) | **FAX No. - N° de FAX**<br>(902) 496-5016 |
| **Destination - of Goods, Services, and Construction:**<br>**Destination - des biens, services et construction:** | |

**Vendor/Firm Name and Address**
**Raison sociale et adresse du fournisseur/de l'entrepreneur**

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

**Issuing Office - Bureau de distribution**

Atlantic Region Acquisitions/Région de l'Atlantique Acquisitions
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Amendment 002 is being raised to answer questions from potential bidders as follows:

***Question 1:***

Regarding the tank for the Privy building, would it be possible to use a standard tank instead of the modified tank that is specified? Shaw has a couple of tanks in the email below that may work and be a cheaper solution.

**Answer 1:**

A standard tank would acceptable provided that the overall dimensions are equal to or greater than the tank as specified and that specified opening size and configuration can be achieved.

**Question 2:**

Drawing S05, note #6 – Stability of structure…….

Is the intent of this note that the steel girder supplier, or general contractor is responsible to complete an analysis of the structural design to determine if the design will be stable during the bridge erection and secondly it will also be stable during the concrete pours?

Also are we responsible for any additional reinforcing or shoring of structure that may be required during erection or deck pouring?

What is the department's proof of stability documentation requirements for this analysis?

**Answer 2:**

All costs and responsibility associated with girder stability and falsework during fabrication, loading, shipping, assembly, lifting, erection and fit-up are responsibility of contractor. Method of stability is responsibility of contractor until the two girders are fully installed in place, including splices, bearings, end diaphragms and bracing. Comply with section: 05 12 33 > 1.3.7: "Falsework drawings submitted to bear signature and stamp of qualified professional Engineer." Submit stamped erection plan to achieve fully-installed girder state using erection method as selected by contractor.

Stability and design of deck formwork and screed support are responsibility of Contractor. As specified, submit formwork shop drawings stamped by Professional Engineer.

Note: Once girders are installed, including splices, bearings, end diaphragms and bracing; the girders will support concrete deck pour and formwork when implemented as specified and in accordance with Drawings S11 and S15. Comply with maximum screed loads indicated.

**Question 3:**

Drawing S05, note #7 – Stud height.

Are we required to submit engineer stamp calculations, for approval, of the stud height calculations?

**Answer 3:**

“Girder shape ‘at erection’ ” will be provided to successful contractor as guidance only for stud projection height requirements. Contractor retains responsibility for stud projection height requirements. Submission of stamped calculations for this purpose is not explicitly mandatory.

**Question 4:**

Drawing S07, Diaphragms K1 & K2.

The distance from underside of top flange to topside of gusset plate is 190mm. subtracting for the WT155 height (155mm) this leaves 35mm clearance. This does not appear to enough clearance for formwork. Please advise.

**Answer 4:**

Refer to F/S08, 5/S08, 6/S08, 7/S08, B/S07 and C/S07. Refer to WT155x43 horizontal bracing. Connect WT flange to underside of horizontal gusset plate rather than top (at 190 below girder top flange). Orient with stem pointing downward. Braces K1 and K2 do not change.

**Question 5:**

Drawing S09, Camber web cutting diagrams.

Confirm that the ‘Box Girder Web Cuts 1 & 2’ are to be used to calculate the girder camber profiles.

What is the intent of the ‘Web Cut Comparison Diagrams 1& 2’?

**Answer 5:**

Values are consistent with initial girder camber required. Account for girder curvature and abutment skews for web cuts.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME