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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

All enquiries are to be submitted in writing to the Supply Specialist, Gisele Doucet: Email: gisele.doucet@pwgsc.gc.ca or Fax No. (506) 636-4376.

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

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Public Works Government Services Canada- Bid
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189 Prince William Street
Room 405
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New Bruns
E2L 2B9

Title - Sujet Rte117 Rehabilitation Kouchibouguac	
Solicitation No. - N° de l'invitation EC015-160048/A	Amendment No. - N° modif. 011
Client Reference No. - N° de référence du client R.070695.001	Date 2015-06-01
GETS Reference No. - N° de référence de SEAG PW-\$PWB-004-3610	
File No. - N° de dossier PWB-5-38003 (004)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-06-05	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: Doucet, Gisele PWB	Buyer Id - Id de l'acheteur pwb004
Telephone No. - N° de téléphone (506) 636-4541 ()	FAX No. - N° de FAX (506) 636-4376
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

This Solicitation Amendment No. 11 (11) is raised to include the following addendum no. 11.

The following addendum to the tender documents is effective immediately. This addendum shall form part of the contract documents.

All other terms and conditions remain the same.

Addendum 11.

1. QUESTIONS AND ANSWERS

Q1: Bid item 13 has a quantity of 16,000 m³, the paragraph below can be found in the project particulars and measurement section, it accounts for some of the RAP, but we can't see how these add up to the 16,000 m³, could you provide a full distribution of this material?

A1: The Estimated Quantity for Reclaimed Asphalt Product (RAP) on the bid form (item 13), to be used at other locations, is to be changed to 2,300m³. The breakdown of quantities for RAP used at other locations in the Park is provided in Section 01 29 00 of the project specifications. Other required usages of the RAP, but with no payment, include hot mix recycling in the base course asphalt mix and 1000m³, stockpiled within the parkway. All RAP that is excess to the project requirements will become the property of the Contractor, with the exception of item 12, Shoulder Material - RAP.

Q2: In the specifications for soil stripping and stockpiling, the paragraph below states that the departmental representative decides the locations of stockpiles, for bidding purposes could you provide a better understanding of where those stockpiles will be?

A2: Soil stripping and stockpiling of topsoil is to be located along the backslope and or toe of slope. Refer to Section 01 29 00.

Q3: Throughout the specifications for this project there are references to the NBDTI spec, could you specify if trucking rates for this project will be as per NBDTI specified rates?

A3: NBDTI haulage and overhaul rates are not applicable to this project. Overhaul and haulage will not be paid for separately and should be included in the contractor's unit prices. Refer to Section 01 29 00.

Q4: Are there any restrictions on allowable length of workzone?

A4: Length of work zones are limited to what is defined in the NB Work Area Traffic Control Manual (WATCM). There can be multiple work zones but compliance to WATCM is required.

Q5: Does the RAP hauled to "other locations" (bid item 3) need to be screened?

A5: Processing of the RAP for the specified uses is the responsibility of the Contractor and is considered incidental to the Work.

Q6: With regards to Item 13 in the form of tender;
The quantity in the form of tender is 16000 cubic meters.
Under section 01 29 00 Project Particulars and Measurement, Pay Items # 1.2.12.2 Other Locations – Reclaimed Asphalt Product (RAP) only specifies where 2300 cubic meters is to placed.

Please clarify where the remaining 12700 cubic meters is to be placed.

A6: The Estimated Quantity for Reclaimed Asphalt Product (RAP) on the bid form (item 13), to be used at other locations, is to be changed to 2,300m³. The breakdown of quantities for RAP used at other locations in the Park is provided in Section 01 29 00 of the project specifications. Other required usages of the RAP, but with no payment, include hot mix recycling in the base course asphalt mix and 1000m³, stockpiled within the parkway. All RAP that is excess to the project requirements will become the property of the Contractor, with the exception of item 12, Shoulder Material - RAP.

Q7: On Drawing C56, the “Backfilling around structures detail” shows a maximum trench depth of 2.2m, there are some culverts that require more excavation than this.
Since NBDTI standard specification Items 130,131,140,141, have standard drawings for culverts with trenches deeper than 2.2m, and you refer to the NBDTI specifications throughout your specifications, is it safe to assume the NBDTI spec governs over your drawings?

A7: The detail provided on C56 provides for culvert installations with a frost taper in shallow cover situations. Where trench depths are greater than 2.2 meters, reference to DTI std. dwg. 161.4 is to be used.

Q8: Is the “Type 2 Quality Material” referred to on your drawings meant to reused excavated existing roadway material?

A8: Type 2 quality material is considered as Borrow ‘A’ material per NBDTI and reference to Type 2 material shall adhere to Borrow ‘A’ as reference in the specs.”

Q9: In the project specification, the pipe thicknesses and corrugation profiles reference the NBDTI Standard Specification. For aluminum pipe diameters greater than 1200mm, thicknesses and corrugation profiles are not listed in the NBDTI Standard Spec (relevant section attached). Please clarify the desired thicknesses and corrugation profiles for 1350mm and 1500mm aluminum pipe.

A9: In Specifications, section 33 42 13.14, add new clause 2.1.4 to read:

“4 For metal pipes greater than 1200mm a minimum thickness of 3.5mm and a corrugation profile of 68mm x 13mm is required. The thickness and corrugation shall be confirmed in accordance with the pipe manufacturers specification at each location and are to meet ASTM B209.”

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- Q10:** The table for fish baffles, on page 65 (attached) states that there are different configurations for baffle height and drop in 1500mm pipe but I am unable to determine when each configuration is required. In addition, please state the thickness required for all aluminum fish baffles.
- A10:** Fish baffle Heights and drop are the same for all culvert sizes; please see drawing revision (C65). Minimum thickness for fish baffles to the manufacturer's specifications are acceptable.
- Q11:** Is the tack quantity correct? It looks like there would be enough quantity to tack the roadway twice, since there are only two layers of asphalt, you would only need tack between the two layers, which would be roughly half the quantity currently in the tender form.
- A11:** The Estimated Quantity for Asphalt Tack Coat is to be changed to 210,000 m². Please see revised Unit Price Table dated 2015-05-29 with revised bid item 16 / 32 12 13.16 / Tack Coat.
- Q12:** Are plastic pipes allowed?
- A12:** No, please refer to section 33 42 13.14 for allowable pipe materials
- Q13:** Are all of the watercourse "fish bearing" watercourse?
- A13:** No, please refer to dwg. C65 which identifies which watercourses as being 'fish bearing'.
- Q14:** Do we use the DTI typical section for pipe backfill for culverts over 1500mm
- A14:** There are no culverts that are larger than 1500mm on this project that are called for replacement.
- Q15:** Beaverdams, who looks after the beavers? Some dams are far from the centerline the of road, are we allowed to clean offtakes?
- A15:** Beaverdams are to be cleared out prior to the work by Others. Please refer to Section 01 11 00.
- Q16:** Do NB trucking haulage rates apply to this project?"
- A16:** NBDTI haulage and overhaul rates are not applicable to this project. Overhaul and haulage will not be paid for separately and should be included in the contractor's unit prices. Refer to Section 01 29 00.
- Q17:** Is overhaul (referenced in item 806 and 807 NTDI) paid on this job.
- A17:** See A16 above
- Q18:** Is there a mass haul diagram available for this project?

A18: There will be no mass haul diagram for this project.

2. **CLARIFICATION**

Additional Information – To aid the Contractor in designing temporary water control measures, the attached table illustrates the design water flows at each culvert on this project.

Route 117 - Design Flow Rate Table/Tableau de débit de conception

Name/Nom	Drainage Area (km²)/ Aire de drainage	Contingency Flow Capacity (Q10)/ Capacité de débit d'urgence (Q10)	Design Flow Rate (Q100)/ Débit de conception (Q100)
DR01	0.030	0.0024	0.13
DR02	0.024	0.0019	0.11
DR03	0.064	0.0051	0.22
DR04	0.153	0.0122	0.43
DR05	0.138	0.0110	0.40
DR06	0.100	0.0080	0.31
DR07	0.043	0.0034	0.17
DR08	0.056	0.0045	0.20
DR09	0.073	0.0058	0.24
DR10	0.023	0.0018	0.10
WC01	0.235	0.0188	0.59
DR11	0.167	0.0134	0.46
DR12	0.121	0.0097	0.15
WC02	1.100	0.0880	1.88
WC03	0.378	0.0302	0.84
DR13	0.058	0.0046	0.21
DR14	0.027	0.0022	0.11
DR15	0.116	0.0093	0.35
DR16	0.196	0.0157	0.52
DR17	0.078	0.0062	0.26
DR18	0.110	0.0088	0.33
WC04	0.199	0.0159	0.52
WC05	1.395	0.1116	2.25
WC06	0.225	0.0180	0.57
WC07	0.025	0.0020	0.11
WC08	0.757	0.0606	1.42
WC09	0.040	0.0032	0.16
WC10	0.111	0.0089	0.34
WC11	0.420	0.0336	0.91
DR19	0.021	0.0017	0.10
DR20	0.067	0.0054	0.23
DR21	0.044	0.0035	0.17
DR22	0.032	0.0026	0.13
WC12	0.091	0.0073	0.29
DR23	0.161	0.0129	0.44
DR24	0.069	0.0055	0.24
DR25	0.070	0.0056	0.23
DR26	0.489	0.0391	1.02
WC13	0.050	0.0040	0.19
WC14a/b	0.300	0.0240	0.71
DR27	0.149	0.0119	0.42
WC15	0.070	0.0056	0.24
WC16a/b	0.670	0.0536	1.30
WC17	0.313	0.0250	0.73
WC18	1.767	0.1414	2.68
WC19	0.123	0.0098	0.36
WC20	0.181	0.0145	0.49
WC21a/b	1.230	0.0984	2.04
WC22	0.080	0.0064	0.26
WC23	0.233	0.0186	0.70
WC24a/b	3.520	0.2816	4.50
WC25	0.528	0.0422	1.05
WC26	0.228	0.0182	0.58
WC27	0.370	0.0296	0.83
WC28	1.472	0.1178	2.34

Note: Used regional flood equation $Q=3.5A^{3/4}$. Approximately 85% drainage area is swamp; used a reduction factor of 0.5%. Reference Figure 2.4.6 RTAC Manual