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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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Issuing Office - Bureau de distribution
Public Works and Government Services Canada -
Western Region
Room 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

Title - Sujet Engineering Services, St. Andrews L	
Solicitation No. - N° de l'invitation ET025-200155/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client PWGSC-ET025-200155	Date 2019-06-18
GETS Reference No. - N° de référence de SEAG PW-\$PWZ-017-10831	
File No. - N° de dossier PWZ-9-42019 (017)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-07-05	Time Zone Fuseau horaire Central Daylight Saving Time CDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bartkiewicz, Hank	Buyer Id - Id de l'acheteur pwz017
Telephone No. - N° de téléphone (204) 983-1717 ()	FAX No. - N° de FAX (204) 983-7796
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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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

Amendment 004 is raised to amend Request for Proposal ET025-200155/A as follows:

Questions/Answers

Q1 - SRE 3.2.5 (c) and (f), pg. 28: Scope of Services: Is it possible to include in the 40 page limit a condensed / summarized project schedule and work plan and amend the requirements of SRE 2.1 / 2.2 to include the full project schedule and work plan in an appendix and not within the 40 page limit? The schedule and work plan table will be extensive if all the requested detail is shown and will take up a considerable number of the available 40 pages.

R1 - The page limit and SRE will not be changed.

Q2 - Is PSPC willing to alter the proposal format in SRE 2.1 to the following:

279mm x 432 mm (11" x 17") fold-out sheets for spreadsheets, schedules, organization charts, or work breakdown structure will be counted as 1.0 page. The blank back side of aforementioned fold out sheet will not count in the page total. Use of 11"x 17"pages for any other information will be counted as two (2) pages.

We request this minor revision due to the strict page limitation of 40 pages maximum for technical content and we feel this will achieve a better quality of readability in our charts and figures without impacting the page limit restrictions.

R2 - The format and SRE will not be changed.

Q3 - What is the limit of ownership / responsibility of the Federal Government (where is the demarcation between provincial ownership of PTH 44 and federal ownership of the bridge)?

R3 - The demarcation is between the approach embankments and the approach spans.

Q3a - If road (including road safety) improvements are recommended beyond the limits of federal ownership / responsibility, should we account for implementation of these recommendations (additional design / construction) in our fee proposal or will these recommendations simply be provided to the Province?

R3a - Scope of work includes rehabilitating an appropriate transition length of approaches to accommodate new to existing that meets applicable codes and regulations for approaches to a bridge.

Q3b - Are legal ROW plans available for PTH 44 and the bridge approaches?

R3b - Available drawings have been provided. PWGSC does not have Provincial legal ROW plans.

Q3c - Are there plans / drawings available for the existing road embankment construction on the east side?

R3c - All available drawings have been provided. PWGSC does not have Provincial plans/drawings.

Q4 - RS 2.2. b) 2. ii) (pg 28): Comprehensive Detailed Inspection of Traffic Bridge: Can PWGSC comment on the typical water level at time of freeze up at SALD and if ice forms around the piers during winter? i.e. confirm if water runs year round in general.

R4 - Water always flows over the fixed portion of the dam. Usually the upstream is around 721' and the downstream is about 715'. However there are many variables that can change that. Higher than normal flows in the fall, wind direction and temperature. There is typically ice around part of the piers. How much and how thick depends on flows and temperature.

Q5 - RS 2.2. b).2.ii) (pg 30): Mechanical Components of Flow Control Equipment: How long / what size are the lifting chains that are to be inspected as part of the Comprehensive Detailed Inspection of the Moveable Dam? As per the project brief wording, please confirm that two destructive tests total are required; one test for the lifting chains for the camere curtains and one test for the lifting chains for the frames, for determination of the ultimate strength of the chains / determining a safe working load.

R5 - The chain for the curtains is approximately 16mm (5/8") diameter and 18.9 m (62 feet) long. The chain for the frames is approximately 16mm (5/8") diameter and 16.8 m (55 feet) long. Two destructive tests total are required: one for a curtain chain and one for a frame chain.

Q6 - RS 2.2. b).2.ii) (pg 30): Electrical Components of Flow Control Equipment: Can any further details of the electrical features of the bridge that are to be inspected be provided by PWGSC for estimating time required for inspection? Will inspection of the electrical components require any specialized access equipment?

R6 - Please refer to previous inspections for details and information.

Q7 - RS 2.2. b).2.ii) (pg 30): Navigation Lock components: Will PWGSC provide the barge referenced under the Navigation Lock inspection or does the consultant need to provide their own barge?

R7 - PWGSC can provide the barge. The Consultant is responsible for safety requirements and any damage that may occur to PWGSC equipment. Scheduling usage of the barge must be coordinated with the PWGSC site representative, and PWGSC cannot guarantee availability according to the Consultant's schedule.

Q8 - RS 2.2 b) / c) 2. iii) (pg 31 and pg 32): Final Reports for Inspections: Will PWGSC provide Microsoft Word versions of past reports to the successful proponent for their use in report preparation during this project?

R8 - Only pdf versions available.

Q9 - RS 2.2 e) (pg. 32): Traffic Study: Is there recent traffic count data available for the bridge and/or adjacent intersections?

R9 - There is no recent traffic count data.

Q10 - RS 2.2 g) 4. (pg. 34): Approach Condition Study: Can PWGSC clarify what the proposed grid spacing for the cover survey will be?

R10 - Consultant is responsible for accuracy and completeness of reports, therefore, grid spacing is to be able to accurately show location, surface area, and depth of repair locations in the approach spans.

Q11 - RS 2.2 g) 5. (pg. 34): Approach Condition Study: Can PWGSC clarify the number of locations to be tested (or frequency of testing) and the depths at which testing is to be completed for RCT testing.

R11 - Consultant is responsible for accuracy and completeness of reports, therefore, consultant is responsible to determine number, frequency, and depth for RCT testing.

Q12 - RS 7.9: Please confirm if we need to include an allowance for testing during construction in our fee proposal or if this will be added after the design is complete.

R12 - Costs for testing during construction will be included in the construction contract after the design is complete.

Q13 - Can the Coating Study, or relevant preliminary findings of the coating study be provided to proponents?

R13 - The Coating Study will be provided for information in a draft preliminary version only as a digital copy on BIM 360. The scope of coating design is outlined within the Project Brief.

Q14 - Can proponent suggest an alternative testing program for the Approach Deck Condition Survey? More specifically:

- RS2.3-g).3 indicates to Open three 0.6m x 0.6m test patches in each approach **slab**. Please confirm that this is not intended to be "approach Spans". Can proponents suggest an alternative concrete testing program that does not include "test patches" (i.e. concrete cores and sawn asphalt program)
- RS2.3-g).4 asks to complete reinforcing cover survey. We are unsure of how a reliable cover-meter survey can be performed on complete grid covering the entire approach spans without first removing very significant portions of the wearing surface. Can proponents suggest an alternative testing program?
- RS2.3-g).5 asks to perform "Rapid Chloride Testing", can the proponent propose an alternative concrete testing program to accurately and reliably determine the chloride content in the existing deck? (i.e. a proven test used by MI/MTO/MTQ)

R14 - Proponents are to propose based on the programs outlined in the Project Brief. Alternatives may be considered and discussed with the successful Proponent.

Q15 - Is the preliminary project risk plan complete and, if so, could it be made available to proponents?

R 15 - A project Risk Management Plan has been prepared by PSPC and will be provided to the successful Proponent following contract award.

END OF AMENDMENT 004