**Part - Partie 1 of - de 2**
**See Part 2 for Clauses and Conditions**
**Voir Partie 2 pour Clauses et Conditions**

| | |
|---|---|
| **Public Works and Government Services Canada** | **Travaux publics et Services gouvernementaux Canada** |

**RETURN BIDS TO:**
**RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des soumissions - TPSGC**
**11 Laurier St. / 11, rue Laurier**
**Place du Portage , Phase III**
**Core 0B2 / Noyau 0B2**
**Gatineau, Québec K1A 0S5**
**Bid Fax: (819) 997-9776**

**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**

Defence Communications Division. (QD)
11 Laurier St./11, rue Laurier
Place du Portage, Phase III, 8C2
Gatineau, Québec K1A 0S5

| **Title - Sujet** | |
|---|---|
| VIP RFP | |

| **Solicitation No. - N° de l'invitation** | **Amendment No. - N° modif.** |
|---|---|
| W8486-135152/D | 004 |

| **Client Reference No. - N° de référence du client** | **Date** |
|---|---|
| W8486-135152 | 2017-03-22 |

**GETS Reference No. - N° de référence de SEAG**
PW-$$QD-035-26158

| **File No. - N° de dossier** | **CCC No./N° CCC - FMS No./N° VME** |
|---|---|
| 035qd.W8486-135152 | |

| **Solicitation Closes - L'invitation prend fin** | **Time Zone** **Fuseau horaire** |
|---|---|
| at - à **02:00 PM** on - le **2017-04-07** | Eastern Daylight Saving Time EDT |

**F.O.B. - F.A.B.**
**Plant-Usine:** ☐   **Destination:** ☐   **Other-Autre:** ☐

| **Address Enquiries to: - Adresser toutes questions à:** | **Buyer Id - Id de l'acheteur** |
|---|---|
| Weronski, Radek | 035qd |

| **Telephone No. - N° de téléphone** | **FAX No. - N° de FAX** |
|---|---|
| (819) 420-1774 (    ) | (    )   - |

**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**

Canadä

## Questions from Potential Bidders and Answers from Canada

**Q23**: Since the TS provided by the Crown is not designed to interface with a vibrating table, is this acceptable to manually start the vibrating table and then start the test process? If yes, we cannot control the delay between start of vibrating profile and process plan start time on the TS provided by the Crown. Or do we have to synchronise the start time of the vibrating table and the test process? If so, we need access to a software API or source code.

**A23**: Yes it is acceptable to manually start and stop the vibration platform. See Section 5.2.2.11.1 of Annex A (goods) and Answer A26 below. Per Answers A1 and A3 of Amendment 001, the functional testing that is executed by the TS while Units Under Test (UUT) are subjected to vibration, takes ten (10) minutes to run, regardless of whether one (1), two (2) three (3) or four (4) UUTs are tested. In order not to subject any UUT to more than ten (10) minutes of vibration, the TS Operator must:

- start the TS functional testing immediately after starting the vibration platform, and
- stop the vibration platform immediately after the completion of TS functional testing.

The winning bidder (i.e. Contractor) will not have access to Test Station software API or source code. See A24 below.

**Q24**: In a previous amendment, the Crown mentioned that the TDP of the TS will be made available after bid will be awarded but can you confirm that this TDP TS will include (not listed under Appendix A3 – GFI)

- BOM (PDF and native format)
- electrical drawing (PDF and native format)
- mechanical drawing (PDF and native format)
- software source code
- compilation environment and script

**A24**: As specified in Appendix A3 of Annex A (goods), and reiterated in Answer A6 of Amendment 001, only the following TS documents will be provided to the Contractor as Government Furnished Information (GFI):

- Site Survey and System Relocation Plan for the VIP Mk25 Test Station,
- System Integration Plan for the VIP Mk25 Test Station,
- Commissioning Plan for the VIP Mk25 Test Station,
- System Operation and Maintenance Manual for the VIP Mk25 Test Station, and
- Training Plan and Materials for the VIP Mk25 Test Station.

The above information is sufficient to fulfill Contractor TS responsibilities, which are primarily to integrate, commission, operate and report status, and secondarily to perform limited maintenance, in accordance with Paragraphs 5.2.3.2.2, 5.2.3.2.3 and 5.2.3.2.4 of Annex A (goods). As the Contractor's maintenance responsibilities are limited to activities such as cleaning, which are detailed in the System Operation and Maintenance Manual, the Contractor has no need for the engineering data listed in the question.

Per Paragraphs 5.2.3.2.1 and 5.2.3.2.5 of Annex A, Canada's TS In-Service Support (ISS) Agent is responsible for TS relocation planning, TS integration planning and TS commissioning planning, and will also perform all significant preventive/corrective maintenance, all periodic calibration, and all adaptive/perfective maintenance.

**Q25**: Related to previous questions, can the bidder assume that we will be allowed to reuse and modify the source code.

**A25**: No. All TS software maintenance will be conducted by Canada's TS ISS Agent.

**Q26**: When operating the GFE TS, how is a specific test process selected (functional OR thermal OR vibration) and trigger (automatic after UUT info is entered)?

**A26**:   To select and initiate specific testing the TS Operator must:

1. start the TS;
2. set up the appropriate test configuration, i.e. connect test cables to the UUT(s) and secure the UUT(s) on the vibration platform or in the thermal chamber as/if applicable;
3. select the appropriate icon (Functional, Vibration, Thermal, etc.) on the TS desktop display;
4. enter the UUT serial number(s) into the Graphical User Interface (GUI) using the TS barcode scanner or TS keyboard;
5. start the vibration table or thermal chamber as/if applicable; and
6. start the TS testing by selecting the Start button on the GUI.


**Q27**: When operating the GFE TS, can we add a test process if needed?

**A27**: No, the Contractor may not make TS software changes. The Contractor may recommend TS software changes, however, all TS software changes must be approved by the Technical Authority (TA) and will be performed by Canada's TS ISS Agent.


**Q28**: When operating the GFE TS test reports, does the generated test report contain UUT serial number and part number?

**A28**: Yes.


**Q29**: When operating the GFE TS test reports, are test reports in XML format?

**A29**: As specified in Paragraph 5.2.3.1.1 of Annex A (goods), the VIP Mk25 TS generates test results data in XML format.


**Q30**: We wanted to reconfirm that our understanding of Section 4.1.2.1.1 is correct.     If the wire harness assembly is purchased from a Manufacturer who is certified to IPC-620 and who supplies the appropriate Certificates of Conformance and Testing Data, do we have to be IPC-620 certified to assemble this wire harness assembly into the end product (VIP MK25)?

**A30**: While the *manufacture* of custom cable harnesses CA1B, CA3, CA4B, CA5 and CA6B requires IPC/WHMA-A-620B certification per Subparagraph f of Paragraph 5.2.2.6 of Annex A (goods), the *assembly* of cable harnesses into the end product does not require IPC/WHMA-A-620B certification.

Therefore, if the bidder plans to subcontract for the manufacture of all custom cable harnesses, the requirement for IPC/WHMA-A-620B certification is passed down to the sub-contractor(s), in which case the bidder must provide evidence of compliance with Paragraph 4.1.2.1.1 of Annex A (goods) and Mandatory Technical Requirement Number 4 of Table 1 of Annex G, by way of signed certificate(s) of currently qualified *personnel* at the cable harness sub-contractor production and test facilit(ies). This does not negate the requirement for the winning bidder (i.e. Contractor) to provide *product* Certificates of Conformance (CofG) per Paragraph 5.2.2.6 of Annex A (goods).