



**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**  
Science Procurement Directorate/Direction de  
l'acquisition de travaux scientifiques  
11 Laurier St. / 11, rue Laurier  
11C1, Place du Portage  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Mercury Global - SDT	
<b>Solicitation No. - N° de l'invitation</b> W8474-15MG22/D	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2016-12-16
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$ST-006-30555	
<b>File No. - N° de dossier</b> 006st.W8474-15MG22	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2017-01-31</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Thorsley, Mark	<b>Buyer Id - Id de l'acheteur</b> 006st
<b>Telephone No. - N° de téléphone</b> (873) 469-4447 ( )	<b>FAX No. - N° de FAX</b> (819) 997-2229
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

This amendment is raised to address the following:

- To respond to questions received during the solicitation period; and
- To revise the solicitation accordingly, as applicable.

---

### **Questions and Answers**

Q14 REF: Part 6 – Security, Financial and Other Requirements, 1.2, page 14 of 66

Is this requirement referring to facility clearance, personnel clearance or both?

A14 This statement applies to both.

Q15 Annex B, Statement of Work – In-Service Support, section 3.5.2.2, page B-8

If a terminal is in an extended period of storage, does MG have plans for regular, periodic (e.g. monthly) testing of the terminal?

A15 A new sentence has been added to clarify this point as per item 8 below.

Q16 REF: Annex B, Statement of Work – In-Service Support, 3.6.1, page B-9

Is there a URL to download (or access) the referenced doc, "Special Instructions Repair and Overhaul Contractors"?

A16 All the referenced documents are either publically available or have been provided with this amendment as attachments to the solicitation posting.

Q17 Annex B, Statement of Work – In-Service Support, para 4.5.3.6.e., page B-20

Please define "valid order".

A17 The sentence in the ISS SOW has been revised to clarify the meaning of the term "valid order" as per item 11 below.

Q18 REF: Annex B, Statement of Work – In-Service Support, section 4.7.8, page B-26

Who (and how) is the Annual Cumulative Ceiling Price (ACCP) value determined?

A18 This should be the Maximum Repair Cost which applied to a single repair and not the ACCP which applies to the total repair costs over a year. Annex B, 4.7.8 has been updated to reflect the Maximum Repair Cost (MRC) vice the Annual Cumulative Ceiling Price (ACCP) as per item 12 below.

Q19 REF: Annex B, Statement of Work – In-Service Support, section 4.14.3, page B-38

Can MG provide the specifications for a Defence Wide Area Network (DWAN) terminal?

A19 A sentence has been added to the ISS SOW to describe the DWAN as per item 13 below.

Q20 REF: Annex B, Statement of Work – In-Service Support, para 6.1.4.2(i), page B-43

Please further define "initial". Is that synonymous with Kick-off Meeting (KOM)?

A20 A sentence has been added to the ISS SOW as per item 14 below to clarify the term "Initial" which refers to the first version of the document delivered after Contract Award. This initial version is then reviewed by DND and any deviations identified must be incorporated by the Contractor into a Final version for Acceptance/Approval by the Crown.

In the case of the KOM, the proposal version of the IMP CDRL will be reviewed by DND with the final version delivered after the meeting, as per the instructions in the ISS SOW.

Q21 REF: Attachment 2, B.1, page 32 of 66

Per the Financial Bid Presentation Sheet Page 32, Section B.1 CORE, it states that "The firm annual price cannot exceed 10% of the Annual Cumulative Ceiling Price for 1st and 3rd line maintenance support for the respective period. The Year 3 Annual Cumulative Ceiling Price for 1st and 3rd line maintenance support will be used to determine the value that the firm annual price cannot exceed for Period 1 and Year 2." Are you asking that all ISS Core activity in period 1 (including Annex B ISS SOW Program Management, Operating Support, Engineering Support, Maintenance Support, Supply Support, Logistics Support Analysis, Logistics Support Products, ISS-PM-001 through ISS-PM-007 CDRLs and ISS-ILS-001 through ISS-ILS013 CDRLs, etc.) not exceed the 10% of the ACCP for Yr1? The cost of developing/updating/tailoring and delivering these items will exceed this amount for every potential bidder. Please clarify if we have interpreted this correctly, and if so please provide more information on where these many costs are to be recovered?

A21 The amounts for B.1 are to cover the basic support services and deliverables required under the Core elements of the ISS Statement of Work. The 10% maximum amount was based on Canada's estimates under the understanding that the majority of costs would be incurred and recovered via the 1st and 3rd line maintenance support activities.

Q22 REF: Attachment 1, Bid Evaluation Plan, A4.9, page 25

The lower Tx edge of commercial Ka-Band remains specified as 27.5GHz; however, in the final-RFP ACQ SOW it was updated to 28.1GHz. Please clarify that MG's intention is that the rating points are also based on 28.1GHz.

A22 The evaluation rating points are based on the Ka-Band ranges 28.1 to 31.0 GHz and 18.3 to 21.2 GHz to cover the bands that are identified in the SOW. The MG SDT Evaluation Plan has been revised as per item 3 below:

Q23 REF: Attachment 1, Bid Evaluation Plan, A.3.1.6, page 20

"Interoperability of SHF Satellite Communications Terminals": Interoperability on the WGS system is already tested as a part of the ARSTRAT certification process for WGS operation. Isn't the MIL-STD-188 164B requirement thus redundant? What is most critical to Canada in MIL-STD-188-164B that isn't already covered by the WGS certification process?

A23 ARSTRAT WGS certification is a separate process from confirming MIL-STD-188-164B compliance. It is the responsibility of the Bidder to verify terminal performance-compliance with MIL-STD-188-164B. The MG SDT Bid Evaluation Plan has been amended as per item 2 below.

Q24 REF: Attachment 1, Bid Evaluation Plan, A.3.1.6, page 20

---

"Interoperability of SHF Satellite Communications Terminals": Interoperability on the WGS system is already tested as a part of the ARSTRAT certification process for WGS operation. Isn't the MIL-STD-188 164B requirement thus redundant? What is most critical to Canada in MIL-STD-188-164B that isn't already covered by the WGS certification process?

A24 Satellite EIRP should reflect the "WGS Fact Sheet" (A.2 Appendix 2). Annex A, MG SDT ACQ SOW has been amendment as per items 4, 5, 6, and 7 below.

Q25 REF: Attachment 1, Bid Evaluation Plan, Figure 5-1, page 11

The figure and the subsequent writeups are ambiguous relative to each other, regarding in which areas the failure to achieve 75% of the maximum Technical rating points is a disqualifying factor for the bid. The figure lumps ACQ and ISS into one "Technical" category for the 75% responsiveness threshold; however, only the ISS-Technical writeup delineates "pass marks" for points (the ACQ-Technical does not). Please clarify the scope of the 75% threshold in light of this ambiguity.

A25 Attachment 1, Bid Evaluation Plan, Figure 5-1 has been modified as per item 1 below.

Q26 REF: Annex B, Statement of Work – In-Service Support, section 4.4.13, page B-16

Reference to a CDRL, please clarify which specific CDRL is being referenced.

A26 This is referring to the Life Cycle Cost Report CDRL. The paragraph numbering was incorrect and has been adjusted as per item 10 below.

Q27 REF: Annex B, Statement of Work – In-Service Support, para 4.7.6.2, page B-26

Should this read minimum MTTR instead of maximum MTTR (this seems duplicative with 4.7.6.3). Please clarify.

A27 The text is correct. The statement in 4.7.6.3 is a desirable (i.e. rated) requirement and uses the term "should" vice "must" in 4.7.6.2 which is a mandatory requirement. The MTTR rated requirement is described in the evaluation plan and a lower value has the potential to earn the Bidder points.

Q28 REF: Annex B, Statement of Work – In-Service Support, DID – Failure Prediction Report, 11.10.1, page B-81

DID-ISS-ILS-004 says "predicated failure rate based on 12,500 hours of use", whereas elsewhere bidders are to base sparing on 2,500 hrs of use. Is the 12,500 a typo and meant to be 2,500?

A28 The text for the ILS-004 DID (Annex B; 11.10.1) is incorrect and has been updated as per item 18 below to reflect the MTBF requirements listed in paragraph 4.7.5.3.

Q29 REF: Annex B, Statement of Work – In-Service Support, para 4.4.4.1, page B-14

Kick-off Meeting (KOM) Requirements, Part C requires the KOM personnel to review and secure a common understanding of the ISS Management Plan (IMP) Data Item Description (DID). The requirement states, "The draft IMP is due thirty (30) calendar days after the Kick-Off Meeting". The CDRL requires us to send the IMP with the proposal. What is the difference between the IMP submitted with the proposal and the deliverable due 30 days after the KOM.

- A29 The Contractor is required to review and present their understanding of the IMP ISS-PM-001 Data Item Description (DID) at the KOM to ensure there is no confusion regarding the content required for the final version delivered 30 calendar days after the KOM. The text incorrectly indicated that a "draft" version was required at this time however it has been updated to request that a Final version is in fact required after the KOM. In addition, the text has been updated to require the KOM one month after Contract Award vice 25 working days. These changes are indicated in item 9 below.
- Q30 REF: Part 6 – Security, Financial and Other Requirements, 6.3.1, page 23 of 66
- It is noted that milestone payments are authorized for the ISS tasks. In the event that bidders choose to submit a payment schedule for the ACQ scope of work with their proposal, does the DND have an ACQ milestone payment schedule they would recommend bidders use?
- A30 Bidders are not able to submit a payment schedule for the ACQ terminals. Bidders are to be paid a firm, fixed unit price for each terminal upon delivery and acceptance by Canada.
- Q31 In B.1 Core, it defines that the firm annual price cannot exceed 10% of the Annual Cumulative Ceiling Price for 1st and 3rd line maintenance support for the respective period.
- Section B.2.1 states that the ACCP reflects the costs to repair all SDT parts (i.e. for all SDT types) based on 2500 annual operating hours per terminal. However in Section 4.7.8.1 of the ISS SOW, the ACCP definition is more like a maximum repair cost of an individual SDT.
- Can you please confirm the definition of the ACCP (i.e. EvalCostB.2.1 and EvalCostC.2.1) with respect to each terminal type ACCP, terminal numbers, operating hours and its relationship to the firm annual ISS price and give a realistic example?
- A31 The amounts for B.1 are to cover the basic support services and deliverables required under the Core elements of the ISS Statement of Work. The 10% maximum amount was based on Canada's estimates that the majority of costs would be incurred and recovered via the 1st and 3rd line maintenance support activities.
- The definition of the ACCP in sections B.2.1 and C.2.1 of the RFP are correct while the corrections to the ISS SOW section 4.7.8.1 are provided in the response to Question 18.
- Q32 ISS SOW page B-59 states that CDRL ISS-PM-006 has two submissions that are due at ASREQ (1st) and 45DAKOM (2nd). The REMARKS column (and SOW4.4.13) however state that these two submissions are due at 1MACA before the start of each optional support period. Please confirm that the latter interpretation is correct.
- A32 The ISS SOW has been updated as per item 16 below to clarify this CDRL's submission requirements. The CDRL ISS-PM-006 is required at one month prior to the start of the two optional support periods.
- Q33 ISS SOW page B-59 states that CDRL ISS-PM-007 has two submissions that are due at ASREQ (1st) and 45DAKOM (2nd). The REMARKS column (and SOW4.4.14) however require only one submission of this report and only in the event of a contract transition from the Bidder to another entity. Please confirm that the latter interpretation is correct.
- A33 The ISS SOW has been updated as per item 17 below to clarify this CDRL's submission requirements. The CDRL ISS-PM-007 submission is required once and again in the event of a change in the plan.

- 
- Q34 ISS SOW page B-59 states that CDRL ISS-PM-005 has its second submission at 45DAKOM. Please confirm the intent of the first submission (which is showing as ASREQ.)
- A34 The ISS SOW has been updated as per item 15 below to clarify this CDRL's submission requirements. The CDRL ISS-PM-005 is required once at 45 days after the ISS Kick-off Meeting.
- 

### **Solicitation Revisions**

1. At Attachment 1, Bid Evaluation Plan, Figure 5-1, page 11:  

DELETE: Meet Minimum Technical Rated Evaluation Criteria Score ( $\geq 75\%$ )

INSERT: Meet Minimum ISS Rated Evaluation Criteria Score
2. At Attachment 1, Bid Evaluation Plan, A3.1.6, page 20:  

DELETE: The Bidder must certify that the SDT types proposed are MIL-STD-188-164B compliant.

INSERT: The Bidder must confirm that the SDT types proposed are MIL-STD-188-164B compliant.
3. At Attachment 1, Bid Evaluation Plan, A4.9, page 25:  

DELETE: Tx: 27.5 to 31.0 GHz

INSERT: Tx: 28.1 to 31.0 GHz
4. At Annex A, Statement of Work – Acquisition, section 10.2.i.1.i.b.i., page A-48:  

DELETE: EIRP = 34.5 dBW

INSERT: EIRP = 60.2 dBW
5. At Annex A, Statement of Work – Acquisition, section 10.2.i.1.i.c.i., page A-48:  

DELETE: EIRP = 42.6 dBW

INSERT: EIRP = 57.9 dBW
6. At Annex A, Statement of Work – Acquisition, Table 15, X-Band: SBX/SBR – Phased Array Antenna Coverage, page A-49:  

DELETE: Satellite EIRP: 34.5 dBW

INSERT: Satellite EIRP: 60.2 dBW
7. At Annex A, Statement of Work – Acquisition, Table 15, The Ka-Band: NCA Antenna Coverage, page A-49:  

DELETE: Satellite EIRP: 42.6 dBW

---

INSERT: Satellite EIRP: 57.9 dBW

8. At Annex B, Statement of Work – In-Service Support, section 3.5.2.2, page B-8:

INSERT: When a terminal is in storage for an extended period of time, the CAF technicians will perform regular periodic testing, as required by the Contractor's maintenance manual.

9. At Annex B, Statement of Work – In-Service Support, para 4.4.4.1, page B-14:

DELETE: 4.4.4.1 The Contractor must host a Kick-off Meeting no later than 25 working days after Contract award to review and secure a common understanding of the requirements expressed in the following documents:

- a. The Contract;
- b. The SOW, including each appendix;
- c. The ISS Management Plan (IMP) Data Item Description (DID). The draft IMP is due thirty (30) calendar days after the Kick-off Meeting, and
- d. Any other contractual or programmatic issues associated with the project as agreed between the TA, PA, CA and the Contractor.

INSERT: 4.4.4.1 The Contractor must host a Kick-off Meeting no later than one month after Contract award to review and secure a common understanding of the requirements expressed in the following documents:

- a. The Contract;
- b. The SOW, including each appendix;
- c. The ISS Management Plan (IMP) Data Item Description (DID). The final IMP is due thirty (30) calendar days after the Kick-off Meeting, and
- d. Any other contractual or programmatic issues associated with the project as agreed between the TA, PA, CA and the Contractor.

10. At Annex B, Statement of Work – In-Service Support, section 4.4.13, page B-16:

DELETE: 4.4.13 This CDRL is required twice over the 15 year ISS period by the DND Life Cycle Support Manager; one month before the start of each optional ISS contract period (if exercised) to assist in the financial planning activity.

INSERT: 4.4.12.2 This CDRL is required twice over the 15 year ISS period by the DND Life Cycle Support Manager; one month before the start of each optional ISS contract period (if exercised) to assist in the financial planning activity.

11. At Annex B, Statement of Work – In-Service Support, para 4.5.3.6.e., page B-20:

DELETE: e. Contractor personnel must respond to valid orders from the officer in charge of the CAF Unit that they are supporting. This Unit will assist them with pre-deployment and post-deployment staging and processing.

INSERT: e. Contractor personnel must respond to direction from the officer in charge of the CAF Unit that they are supporting. This Unit will assist them with pre-deployment and post-deployment staging and processing.

12. At Annex B, Statement of Work – In-Service Support, section 4.7.8, page B-26:

DELETE: 4.7.8 (CORE) Annual Cumulative Ceiling Price

4.7.8.1 The Annual Cumulative Ceiling Price (ACCP) is defined in Reference AD1, Part 1, Annex B1, paragraph 6 d. as "The maximum amount authorized, which includes all labour and material costs, to be expended to repair an item." It is a guard against the possibility of an item being repaired at a cost that exceeds its value to Canada, and should not be interpreted as the amount that Canada necessarily intends to pay. The ACCP for each equipment component is shown in Appendix 1 to the SOW.

4.7.8.2 The ACCP must not be exceeded without authorization from the CA or PA.

INSERT: 4.7.8 (CORE) Maximum Repair Cost

4.7.8.1 The Maximum Repair Cost (MRC is defined in Reference AD1, Part 1, Annex B1, paragraph 6 d. as "The maximum amount authorized, which includes all labour and material costs, to be expended to repair an item." It is a guard against the possibility of an item being repaired at a cost that exceeds its value to Canada, and should not be interpreted as the amount that Canada necessarily intends to pay. The MRC for each equipment component is shown in Appendix 1 to the SOW.

4.7.8.2 The MRC must not be exceeded without authorization from the CA or PA.

13. At Annex B, Statement of Work – In-Service Support, section 4.14.3, page B-38:

INSERT: The DWAN is a DND password-protected Intranet requiring specially programmed computers for access. Internet-configured computers cannot access the DWAN. Currently the DWAN baseline includes a Microsoft Windows 7 based Operating System (OS) along with the MS Office 2010. This configuration is periodically updated to include new OS, application and security related software.

14. At Annex B, Statement of Work – In-Service Support, para 6.1.4.2(i), page B-43:

DELETE: 6.1.4.2 (i) indicates "initial"; and

INSERT: 6.1.4.2 (i) indicates "initial" or first version of the document delivered after Contract Award; and

15. At Annex B, Statement of Work – In-Service Support, Appendix 2, Table 7, CDRL ISS-PM-005, page B-59:

DELETE: FREQUENCY = TWO/R  
SUBMISSION DATE = ASREQ  
DATE OF SUBSEQUENT SUBMISSION = 45DAKOM

INSERT: FREQUENCY = ONE/R  
SUBMISSION DATE = 45DAKOM  
DATE OF SUBSEQUENT SUBMISSION = Receipt of Comments + 15 D

16. At Annex B, Statement of Work – In-Service Support, Appendix 2, Table 7, CDRL ISS-PM-006, page B-59:

Solicitation No. - N° de l'invitation  
W8474-15MG22/D

Amd. No. - N° de la modif.  
004

Buyer ID - Id de l'acheteur  
006st

Client Ref. No. - N° de réf. du client  
W8474-15MG22

File No. - N° du dossier  
006stW8474-15MG22

CCC No./N° CCC - FMS No/ N° VME

---

DELETE: DATE OF SUBSEQUENT SUBMISSION = 45 DAKOM  
REMARKS = This CDRL is required one month before the start of the optional  
ISS contract periods.

INSERT: DATE OF SUBSEQUENT SUBMISSION = One month before the start of each  
optional ISS contract period.

17. At Annex B, Statement of Work – In-Service Support, Appendix 2, Table 7, CDRL ISS-PM-007,  
page B-59:

DELETE: FREQUENCY = TWO/R  
DATE OF SUBSEQUENT SUBMISSION = 45 DAKOM  
REMARKS = To be submitted at an agreed time in the event of a contract  
transition.

INSERT: FREQUENCY = ONE/R  
DATE OF SUBSEQUENT SUBMISSION = Receipt of Comments + 15 D  
REMARKS = To be re-submitted when the plan changes.

18. At Annex B, Statement of Work – In-Service Support, DID – Failure Prediction Report, 11.10.1,  
page B-81:

DELETE: For IPC purposes, Part A must indicate the predicated failure rate based on  
12,500 hours of use, of each item that is replaced during corrective maintenance,  
and within each type of SDT type (i.e. light, medium and heavy), the item's  
predicted number of failures per year. This takes into consideration situations  
where the same item is used in more than one location.

INSERT: For IPC purposes, Part A must indicate the predicated failure rate based on the  
hours of use listed in paragraph 4.7.5.3, of each item that is replaced during  
corrective maintenance, and within each type of SDT type (i.e. light, medium and  
heavy), the item's predicted number of failures per year.

---

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME