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TPSGC  
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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**  
THIS DOCUMENT CONTAINS A SECURITY  
REQUIREMENT

**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 Anchor Stations	
<b>Solicitation No. - N° de l'invitation</b> W8474-14MG25/A	<b>Amendment No. - N° modif.</b> 019
<b>Client Reference No. - N° de référence du client</b> W8474-14MG25	<b>Date</b> 2013-10-31
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$ST-006-26331	
<b>File No. - N° de dossier</b> 006st.W8474-14MG25	<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 2013-11-12</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> (819) 956-1772 ( )	<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>

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This amendment is raised to address the following:

- To respond to questions received during the solicitation period;
- To update and expand on answers previously provided; and
- To revise the solicitation accordingly, as applicable.

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## **Questions and Answers**

Q166 Update - Ref: Amendment 16 Q&A 154

Original Question

ISS Basis of Payment; Amendment #10, Q/A81

Calculation of thresholds for Availability Adjustment

If Canada uses the Minimum-of-minimums method, then the proposed roll-up method is mathematically incorrect. If each of 7 anchor stations achieves 99.5% operational availability (i.e. meets the mandatory requirement), then the overall ground segment will inherently have a lesser operational availability of approximately 99.18% for payment threshold. 99.18% would become the minimum threshold for the 10% threshold, and the 5% threshold should be derived from the actual contractor bids, but in any case would be less than the bid operational availability for any single anchor station.

A166 The answer has been updated as follows:

As per ISS SOW Appendix 1.3.6.1, the minimum Operational Availability relates to the minimum performing Anchor Station (exclusively defined per anchored satellite as detailed in the DAB SOW). This is not mandating a rolled-up value for the Anchor Segment.

Q167 Update - Ref: Amendment 8 Q&A 55 - Update

Original Question

ISS SOW Table 1-1; ISS SOW Appendix 2, Table A2.1

ISS SOW Table 1-1 states that Contractor is responsible for Level 1, 2, and 3 maintenance. ISS SOW Appendix 2, Table A2.1 states that Contractor is responsible for "All" levels of maintenance, defined in A2.3.1.4 to include Levels 1, 2, 3, and 4. Please clarify what the Contractor's obligation is with respect to Level 4.

A167 The answer has been updated as follows:

The Contractor is responsible for all Levels of maintenance of the MGAS. The term "All" used in Table A2.1 and defined in Para A.2.3.1 refers to four levels of maintenance defined. The ISS SOW will be amended to consistently refer to the four levels of maintenance required by the Contractor in ISS.

The prior solicitation revisions remain the same.

Q168 Update - Ref: Amendment 12, Q&A 97

Original Question

Q97 Reference Annex G 1.13.5 Option 5: Telecom Shelter Maintenance Support.

We find that the requirements for the services listed at 1.13.5.2 are fairly ambiguous and we would request the following clarifications:

- i. Electrical supply – is the Contractor expected to provide electricity to the site for the 17 year ISS contract. It is our understanding that Canada will provide electricity to the site, the Contractor, as part of the DAB will install the electrical system to the site and that DND would then supply and pay for all local power to the site. We do understand that a back-up generator system will be part of the DAB and will be maintained through the period (for emergency power only). Please confirm that our understanding of this requirement is correct. Also, are we required to provide electrician services for maintenance of the electrical system?
- ii. Water supply – is the contractor required to provide water to the site and if so why and for how much GFE and for how many DND/Government of Canada personnel? Or are we required to provide plumber services for a water supply system at the site?
- iii. Garbage disposal – is there any garbage disposal requirement above and beyond the Contractor's personnel? If so for how many DND and Government of Canada personnel?
- iv. Swage disposal – please clarify what source of sewage and how many personnel. We note that there are no toilets in the requirement for the shelters under the DAB. Is DND planning to have port-a-potties, etc for this?
- v. Snow removal. We note that there are already contracted snow removal services on these sites. For each site please indicate the scope of the snow removal services you call up under this requirement. Is it from the nearest road/parking lot to the building, inside the wire, etc.? Or are we required to provide snow removal services of roads and parking areas as well?
- vi. Telephone services. Please define. Our FST would have a cell phone and therefore would not need telephone services at the site. Are telephone services for DND/Government employees required?
- vii. Security. Please define the level of security services envisioned under this requirement.
- viii. Maintenance of Peripheral equipment. Please provide a list if GFE that falls under this requirement. You do mention surveillance cameras being installed by DND elsewhere in the SOW. What other equipment would we be required to provide maintenance support?

Original Answer

- a. The electricity will be available by DND to the edge of the Anchor station site. The Contractor will have to connect it to the Anchor Station as required and then maintain it for the duration of the period identified in the option. Canada has not specified the requirement for a back-up generator. That is left to the bidder's technical solution, which may require an alternate power source to meet the Anchor Station availability requirements.
- b. Canada has no requirement for water as they will be unmanned sites.

- c. Canada will be responsible for garbage disposal once the sites have been handed over to the DND.
- d. Canada has no requirement for sewage disposal as they will be unmanned sites.
- e. Canada will be responsible for snow removal once the sites have been handed over to the DND.
- f. If required, Canada will add telephone services at the sites
- g. Please see the MGAS Responsibility Matrix, issued to all bidders.
- h. The Contractor is not being asked to maintain peripheral GFE in the Telecom Shelter(s).

A168 Same as original answer, with the addition of the following:

Annex G, 1.13.5 has been amended as per item 4 below.

Q169 With regard to solicitation amendment 16 for Mercury Global, we believe that there is a typo in revision item 4.

Would you please confirm that the above reference should be to 4012 (2012-07-16), Goods – Higher Complexity? Also, would you please confirm that we should consider only “Section 3 – Warranty” of 4012 (2012-07-16) to be deleted (i.e. the entire SACC clause is not being deleted)?

A169 Correct in both cases. The revision has been updated as per item 1 below.

### **Solicitation Revisions**

1. At Part 8 - Resulting Contract Clauses - In-Service Support, clause 2.2 Supplemental General Conditions:

DELETE: 4012 (2012-07-16) Goods - Higher Complexity  
4012 (2013-07-16) Goods - Higher Complexity and associated modifications

INSERT: 4012 (2012-07-16), Goods - Higher Complexity, with the following modifications:

DELETE: Section 3 - Warranty

2 At Annex G - In-Service Support - Statement of Work, section 3.0, subsection 1.8.3.3:

DELETE: In its entirety

3 At Annex G - Statement of Work - In-Service Support, section 3.0, subsection 1.8.4.1:

DELETE: In its entirety

INSERT: The following:

1.8.4.1 The Contractor must proactively replenish spares and repair parts.

4 At Annex G – Statement of Work – In-Service Support, section 3.0, subsection 1.13.5.2

DELETE: 1.13.5.2 in its entirety:

INSERT: The following:

1.13.5.2 The Contractor must provide the following services in support of the Telecom Shelter:

- a. Facilities Maintenance, including Shelter roof and walls;
- b. Electrical;
- c. Fence maintenance;
- d. Security; and
- e. Maintenance of Foundations (for Antenna and Shelter).

5 At Annex G, Statement of Work - In-Service Support, Appendix 1, subsection 1.3.1:

DELETE: In its entirety

INSERT: Subsection 1.3.1 as follows:

The MGAS, not including the EIE, must be accessible by users, 24 hours-a-day, 7 days-a-week, with an average availability of 99.50 percent or greater as per the Contractor's bid (excluding scheduled downtime). Operational Availability applies per Anchor Site, and it is derived from the product of the Anchor Station equipment availability and the minimum RF propagation availability at the Anchor Site, regardless of frequency band and links.

The single value to be used for the basis of payment will be the minimum operational availability of the three (3) Anchor Sites in the Anchor Segment.

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ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME