



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

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
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet Estevan Tower Installation	
Solicitation No. - N° de l'invitation F1705-160169/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F1705-160169	Date 2017-02-17
GETS Reference No. - N° de référence de SEAG PW-\$PWY-031-7984	
File No. - N° de dossier PWY-6-39297 (031)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-03-10	
Time Zone Fuseau horaire Pacific Standard Time PST	
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: Leung, Janie	Buyer Id - Id de l'acheteur pwy031
Telephone No. - N° de téléphone (604) 666-8228 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DFO - Estevan Point Light Station - Vancouver Island, BC	

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

Les documents français seront disponibles sur demande.

This Amendment #001 is raised to address questions and to issue addendum #1.

Questions and Answers

Q1. In the specs, it states that we have to provide our own helicopter for transport. However, in the drawings, it states that there'll be a helicopter available that can lift up to 1400 pounds. To clarify, do we have to arrange our own helicopter for transport of personnel and materials or will it be provided?

A1. Section 011100 Part 1.3.1.1 notes the contractor is responsible for providing all transportation services during construction. Part 1.3.1.2 notes the Canadian Coast Guard will provide the transportation of materials and equipment at the start of the project and prior to any construction. Once construction begins the contractor will be responsible for all its transportation. Part 3.2.1 notes the all construction materials to be mobilized to site by CCG are to be supplied by contractor to CCG Victoria Base at 25 Huron Street, Victoria, BC by August 31, 2017. The "helicopter available" as noted in Drawing WM-126-1000 is for CCG's mobilizing of the equipment and materials to the site prior to construction and is limited to a maximum lift of 1400 lbs.

Q2. We found numerous discrepancies between Appendix C of the Specification (p. 48) and the Drawing WM-126-1000 in terms of antenna type, antenna elevation, and number of Tx-Lines. Large microwave antennas have a serious impact on the design of the tower. Please clarify.

A2. Drawing WM-126-1000 has the correct antenna type, elevations and transmission lines. Appendix C of the Specification will be amended.

Q3. The specification calls for the design of ice guards (or shields) and the Drawing WM-126-1000 indicates "N/A" for Ice Guards. If required, ice shields for large microwave antennas have a serious impact on the design of the tower. Please clarify.

A3. Ice guards are not required. Specification Section 133613.13 Part 3.1.2 will have, "... and ice shields" removed.

Q4. The tower profile on the Drawing WM=126-1000 shows a tapered base. Clause 3.1.10 (and others) of Section 133613.13 forbids tapered sections. Please clarify.

A4. Tapered sections are not permitted throughout the tower, however as shown in the drawing WM-126-1000 a tapered section is permitted at the base.

Q5. The specification calls for the design of anti-climb (Clause 3.5 of Section 133613.13) and the Drawing WM-126-1000 indicates "None" for Anticlimb. Please clarify.

A5. Anti-climb will be required at the bottom of the tower. Drawing WM-126-1000 and Part 3.5 of Section 133613.13 will be amended.

Q6. The antenna loadings are different between the attached (2) documents;

- a. Appendix-C show (2)HP10 +(4)HP8
- b. Profile drawing show (4)HP10 +(2)HP8

A6. Drawing WM-126-1000 has the correct antenna type, elevations and transmission lines. Appendix C of the Specification will be amended.

Q7. The attached site survey does not show radii/drop-offs; please provide anchor radii and drop-offs.

A7. Anchor radii/drop-offs will be a design item and to be determined by the contractor.

Q8. Antenna elevation on profile (ant #8) does not match antenna cable schedule (future ant # 1)

A8. Drawing WM-126-1000 has the correct antenna type, elevations and transmission lines. Appendix C of the Specification will be amended.

Q9. Antenna type on profile (ant #9) does not match antenna & cable schedule (initial ant #8)

A9. Drawing WM-126-1000 has the correct antenna type, elevations and transmission lines. Appendix C of the Specification will be amended.

Q10. Antenna type on profile (ant #11) does not match antenna & cable schedule (future ant #3)

A10. Drawing WM-126-1000 has the correct antenna type, elevations and transmission lines. Appendix C of the Specification will be amended.

Q11. Is anticlimb required? Profile says no but supply is mentioned in the tender documents.

A11. Anti-climb will be required at the bottom of the tower. Drawing WM-126-1000 and Part 3.5 of Section 133613.13 will be amended.

Q12. Tender states Coast Guard will transport tower and equipment to site. Will Coast Guard transport equipment from site after installation is complete or will this be contractors responsibility?

A12. Contractor will be responsible for transporting all their equipment from site after installation.

See attached Addendum #1. Note that revised drawings will be posted later.

All other terms and conditions remain unchanged.

Project Name: Estevan Point Light Station – 60.96m (200 ft) Guyed Tower Installation

Project Number: F1705-160169

Date: February 17, 2017

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents

Plans

WM-126-1000 ANTENNA LAYOUT

Drawing WM-126-1000 will be revised to note an Anti-climb barrier panel requirement for the base of the tower in the Tower Specifications table.

Specifications

SECTION 133613.13 STEEL TOWERS

Part 3 - EXECUTION

3.1 Design

.2 Should have "... and ice shields" removed and read as:

The contractor shall design all tower accessories, including new mounts for all antennas, climbing facility with a fall arrest assembly, and anti-climb panels.

.10 To read as follows:

Tower sections are to be parallel for the length of the structure (except at the base, no tapered sections may be used).

3.5 Anti-Climb Panels

.2 To read as follows:

The anti-climb panel will have a barrier panel at the bottom to prevent access.

APPENDIX C: ANTENNA AND CABLE SCHEDULE

Initial Microwave / Antenna Loading Requirements

Table to read as follows:

CCG Antenna #	Elev (m)	Antenna	Owner	Azimuth	TX-Line
1	59.75	10 ft High Performance Microwave Antenna with Shield and Hypalon (7GHz)	CCG	347.4	EW77
2	59.75	8 ft High Performance Microwave Antenna with Shield and Hypalon (7GHz)	CCG	121	EW77
3	58.0	SY206-SF2SNM VHF Yagi Antenna	CCG	75	LDF4-50A
4	55.0	SY206-SF2SNM VHF Yagi Antenna	CCG	347.3	LDF4-50A
5	53.7	SY206-SF2SNM VHF Yagi Antenna	CCG	121	LDF4-50A
6	52.0	SY206-SF2SNM VHF Yagi Antenna	CCG	75	LDF4-50A
9	44.2	10 ft High Performance Microwave Antenna with Shield and Hypalon (7GHz)	CCG	321.5	EW77
10	44.2	SY206-SF2SNM VHF Yagi Antenna	CCG	75	LDF4-50A
12	21.4	SD212-SF2P4SNM (D00S-WABK) VHF Dipole Antenna	CCG		LDF4-50A

Future Microwave / Antenna Loading Requirements

Table to read as follows:

CCG Antenna #	Elev (m)	Antenna	Owner	Azimuth	TX-Line
7	48.75	10 ft High Performance Microwave Antenna with Shield and Hypalon (7GHz)	CCG	347.4	EW77
8	48.75	8 ft High Performance Microwave Antenna with Shield and Hypalon (7GHz)	CCG	121	EW77
11	29.0	10 ft High Performance Microwave Antenna with Shield and Hypalon (7GHz)	CCG	321.5	EW77