

Solicitation No. - N° de l'invitation

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

F6839-165577/A

001

pwd008

Client Ref. No. - N° de réf. du client

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

F6839-165577

PWD-6-39171

THE FOLLOWING AMENDMENT TO THE TENDER DOCUMENTS IS EFFECTIVE IMMEDIATELY. THE ADDENDUM SHALL FORM A PART OF THE CONTRACT DOCUMENTS.

The following are questions posed during the tender period , and answers as applicable.

Q1: Please confirm that all references to CSA S57-13 should be CSA S37-13.

A1: Bidders refer to the addendum below

Q2: Clause 3.1.4 requires clarification given that CSA S37-13 requires that ice thickness increase with tower height starting out at the “design ice thickness” at the tower base and increasing in thickness with tower height (clause 5.2.3). Is your specified ice thickness to be constant with tower height as per previous S37 Standards? If not is the 70mm thickness supposed to be the ice thickness at the tower top or the tower bottom?

A2: Bidders refer to the addendum below

Q3: Clause 3.1.5 requires clarification as there are two wind pressure profiles supplied. One dated September 30, 2016 and one dated February 14, 2005. Which one are we supposed to use? Please note that EC has revised all of their wind profiles after 2011 (see attached EC Jan 20, 2014 notification) and made further changes to their methodology and results since Jan 20, 2014 therefore we recommend the use of the September 30, 2016 report supplied if it is for a site close to this site.

A3: For Appendix D, the 2016 Site Specific Conditions for Fox Harbour shall be used. The 2014 information for Robin Hood Bay, NL shall be ignored

Q4: What serviceability factor are we to use for the design?

A4: Bidders refer to the addendum below

Q5: With respect to obstruction marking given that your specification requires orange and white painting we will include Type A (CAR621) LED lighting kit and wired as per your Section 265536. Please note that it would be less expensive initially and operationally if you chose medium intensity white/white or red/white LED strobe system given that painting would not be required and minimize future maintenance costs.

A5: As per specifications, nighttime obstruction marking to be LED system as per CAR621. Daytime obstruction marking to be paint as indicated in specifications.

Q6: CCG Section 133613: 3.5 Painting. Trylon has developed and been using a painting system for many years that has proven to work well, with paint application in the controlled environment of our 70,000 square foot factory. Please review and approve our system for this tower (we will use two finish coats) as an alternative to your specified system. We can provide the warrantee using our system however if we use the CCG specified system we will not provide the warrantee. Please advise if our system is acceptable or if you want the system specified in 3.5 to be used.

A6: Bidders to bid based on CCG painting specification. Painting and Galvanizing warranty required as per technical specifications. Upon award CCG will review alternate paint methods for equivalency.

Q7: CCG section 133613: Clause 2.27: Our tower will have a ladder located inside the tower cross section (not a "climbing face" as this clause was written around). Please review the attached sketch of our anti climber for our tower with a ladder located inside the tower cross section and tell us if this is acceptable.

A7: An inside climb will be accepted, as long as it meet the requirements of CSA S37-13. The anti-climb for this climbing scenario to be as per specifications and as suitable to climbing scenario. Designs will be reviewed for equivalency upon award.

Q8. CCG Section 133613: Clause 2.2.3: Our angle leg, angle braced tower for this application has a panel height of 40 inches (1016 mm). Is it acceptable to have the tx-brackets on this tower at 1016 mm center to center vertically rather than the specified 760 mm spacing?

A8: Bidders refer to the addendum below

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ADDENDUM #1

THE FOLLOWING AMENDMENT TO THE TENDER DOCUMENTS IS EFFECTIVE IMMEDIATELY. THE ADDENDUM SHALL FORM A PART OF THE CONTRACT DOCUMENTS.

- I. In the Specifications, section 13 3613, delete clause 3.1.1 and replace with new clause 3.1.1 to read:
- 3.1.1 The tower shall be designed in accordance with CSA S37-13 to support all antennas, attachments, etc. as indicated.
- II. In the Specifications, section 13 3613, delete clause 3.1.3 and replace with new clause 3.1.3 to read:
- 3.1.3 Serviceability factor of 1.0 to be used for the design.
- III. In the Specifications, section 13 3613, delete clause 3.1.4 and replace with new clause 3.1.4 to read:
- 3.1.4 Design Ice Load: the tower shall be designed with loading consideration of 50 mm of radial ice on all exposed surfaces, including members, guys and all attachments, and antenna components. 50mm shall be the value considered as the reference ice thickness, t_i as per CSA S37-13
- IV. In the Specifications, section 13 3613, delete clause 2.2.3 and replace with new clause 2.2.3 to read:
- 2.2.3 Transmission Line Supports – Hangers shall be provided to support the transmission lines at the elevation of all antennas. Lines are to be supported and restrained at centers suitable to the manufacturer's requirements and TX lines are to be installed on the outside face of the tower. Use of wrap lock/ tie wrap devices to secure TX lines is not acceptable. Tx brackets to be spaced as per manufacturer's recommendations. Location of Transmission lines will be submitted to Departmental Representative for approval.

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By submission of its bid, the bidder confirms that it has read and understands the requirements expressed in all addenda and has included all cost of these requirements in its total bid amount.

All other terms and conditions remain unchanged.
