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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

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Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
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Title - Sujet RE-CONFIGURABLE HI GAIN ANTENNA	
Solicitation No. - N° de l'invitation W7714-176223/A	**Amendment No. - N° modif.** 001
Client Reference No. - N° de référence du client W7714-176223	**Date** 2016-11-10
GETS Reference No. - N° de référence de SEAG PW-$$HN-464-71729	
File No. - N° de dossier hn464.W7714-176223	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2016-11-23**	**Time Zone** **Fuseau horaire** Eastern Standard Time EST
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Felix, Juneldan	**Buyer Id - Id de l'acheteur** hn464
Telephone No. - N° de téléphone (873) 469-3334 ( )	**FAX No. - N° de FAX** (819) 953-4944
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Instructions: See Herein

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Canada

This amendment is raised to publish questions and answers;

Q.1 *There are no environmental requirements specifications provided despite the fact that radomes are asked for – implying an outdoor application. Please provide the environmental specs needed.*

A.1 These antennas are mainly to be used for testing research and development (R&D) systems in RF/Microwave/Millimeter frequency bands. The R&D systems are not designed for outdoor long term applications. So the environmental specs is not required. However, the radome shall provide some protection to feed and reflector surface against hail and snow during the test, and all the feeds shall be sealed against rain and snow.

Q.2 *For all three sizes of antennas removable radomes are requested. Are you looking for spherical radomes covering 100% of each system or would just a radome window across each waveguide feed face be sufficient?*

A.2 We are not looking for spherical radomes covering 100% of each system, as positioner-mounted quick deploy is needed. We are looking for radome that covers reflector aperture and feed, such as molded radome (see attached). However, other radome shapes are also OK. More important, the radome shall be easily removed from reflector in order to change feeds, and overall antenna shall meet weight requirements (including reflector, feed, radome, adaptor, once an antenna assembled for a frequency band)

Q.3 *If full spherical radomes are to be supplied where are the waveguide interfaces (or coaxial ports) to be located , out the bottom of each radome?*

A.3 See question 2, not looking for spherical radome to cover 100% of the system

Q.4 *For all the bands the port isolation specs are >40 dB with >35 dB on axis cross polarizations. These specs are very hard to achieve over the full bands specified and attempting to meet these will drive costs and schedule significantly, they may still be impossible to 100% meet over the full bands and so the question is: Is it acceptable to offer what we consider to be sensible practical numbers here, or are your spec minimums mandatory requirements for some reason we are not aware of?*

A.4 As you know that these antennas will mainly be used for R&D applications high performance of port isolation and on axis cross polarization are essential.

Q.5 *Section 5.4 port configurations, if WG to coaxial adaptors are to be supplied with all waveguide port feeds for higher than band 3 then why are the power requirements so high in bands 4,5,6,7 and 8 as it is not possible to use coaxial to waveguide transitions at the power levels specified in the tables ?*

A.5 As we also think about to directly feed antenna from waveguide without use adaptors in these bands for some applications.

Q.6 *System weight, since a large part of the system weight will be the feeds why are the specifications for weights independent of the frequency band, i.e. all the 2 ft antennas have to weigh <18lb independent of which band is in use. Is there a preference for carbon fiber or Aluminum reflectors, CF ones may meet the weight specs but will be expensive, Spun Aluminum ones will likely not meet the weight specs and will be much less expensive. Also do the weight specification targets include the radome weights?*

A.6 Portable and quick deplorable are essential for all our applications, so weights shall meet the requirements.

Q.7 *Are these intended to be fixed mounted, on a roof for example, or tripod/positioned mounted for quick deploy?*

A.7 Positioner-mounted for quick deploy in R&D tests.

All other terms and conditions remain unchanged.