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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

Title - Sujet Pan & Tilt System	
Solicitation No. - N° de l'invitation U6800-153273/A	**Amendment No. - N° modif.** 002
Client Reference No. - N° de référence du client U6800-153273	**Date** 2015-03-23
GETS Reference No. - N° de référence de SEAG PW-$$HN-313-66923	
File No. - N° de dossier hn313.U6800-153273	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2015-04-15**	**Time Zone** **Fuseau horaire** Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Kelly, Ruth	**Buyer Id - Id de l'acheteur** hn313
Telephone No. - N° de téléphone (819) 956-3588 ( )	**FAX No. - N° de FAX** ( ) -
Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:**	

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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**	

Issuing Office - Bureau de distribution
Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Amendment No. 002 is raised to provided answers to the following questions:

Q1:
Size of the antenna payload?

A1:
Each of these units will have 5 antennas with a support structure that will mount them in the proper orientation. There will also be up and down converter units and RF amplification and switching. These prototypes are being designed and the design and selection of components has not been finalized. The 80lb load should take into account the above mentioned payload. Custom made plates and bracketing will be made by our model shop to adapt our equipment to the brackets that are provided with the units.

Q2:
Is there some operational/survival wind speed or is there some integrated radome?

A2:
These units will be used inside for the majority of the work. There will be some outside work but it will be limited. At this time there are no radomes planned for this requirement to keep the weight down. These units are to be mounted on heavy duty tripods that will be loaded for stability.

Q3:
Can you please provide more information about the application of this equipment? A simple drawing would be also helpful showing also how the antennas are installed on the equipment.

A3:
We do not have any drawings at this time. Once we have the PTUs (pan and tilt units) chosen, we will be able to design around them. Each of these units will have 5 antennas with a support structure that will mount them in the proper orientation. There will also be up and down converter units and RF amplification and switching. The RF pass through will be used for signals from 10MHz to 18GHz. The control lines will be used for serial control of the switches and the other available DC pass throughs will be used for supply voltages to the equipment.

Q4:
Information about the aperture area of the payload (including the antennas) and the wind conditions for operation. This is important as it may be a differentiating factor for smaller pedestals (pan & tilt system).

A4:
Have chosen the 120 deg of elevation range to ensure that we can rotate the antenna of interest into the proper orientation.

Q5:
You only specified the payload weight but there might be also a torque issue depending on how it is installed on the pedestal. If it is not balanced (in EL) a small pedestal might not have enough torque to lift it or it will require balance weights which will increase the gross payload weight and the complete assemble.

A5:
These prototypes are being designed and the design and selection of components has not been finalized. The 80lb load should take into account the above mentioned payload. Custom made plates and bracketing will be made by our model shop to adapt our equipment to the brackets that are provided with the units. The units should be able to tilt a minimum of 58lb load at 6" from the elevation axis. We are going to try to balance the load as much as possible with our design.

Q6:
Taking into account our comments, would you accept a Pan& Tilt system with a weight of more than 50 Lbs. in order to meet the other mandatory requirements?

A6:
We need the total weight of our system to be manageable. Our tripods will support our payload and the specified load of the PTUs, equipment at the base and additional weight to stabilize the overall units. No, we are looking for a unit that meets these specs.

Q7:
What is the dimensions of the 80 lb payload?

A7:
We are still in the design phase. We do not have all of the equipment chosen at this time.

Q8:
Is this an outdoor application?

A8:
These units will be used inside for the majority of the work. There will be some outside work but it will be limited.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.