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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

Amendment raised to post questions and answers.

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Title - Sujet MARITIME SURVEILLANCE SYSTEM 6000 Maritime Surveillance Integrated Mission System (MSIMS) and the upgrading of thr	
Solicitation No. - N° de l'invitation T8493-190015/C	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client T8493-190015	Date 2021-02-15
GETS Reference No. - N° de référence de SEAG PW-SCAG-005-28033	
File No. - N° de dossier 005cag.T8493-190015	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2021-03-17 Heure Avancée de l'Est HAE	
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Signature	Date

Amendment 004 is to post questions and answers.

The questions 1 through 9 below are answered in the amended Annexes A (SOW) and D (EC) attached.

- 1) Can clarification be provided on the different modes of operation as the terminology of some modes is unclear. This may be due to the radar mode being stated by the manufacturer's name and not a more common nor standard name (E.G. Short-Range Awareness or Small Target mode). Also, the nomenclature seems to change throughout the document with regards to some modes, leading to confusion if this document is referring to one mode with several names or multiple modes. An example of this is Spot SAR mode as stated in the document as per REQ 126 sub para h). Later in the document it refers to "Land Spot" in REQ 158, also in REQ 161, it states in sub para a) "Spotlight imaging". Can you please confirm that these are all the same mode (Spot SAR)?
- 2) Regarding REQ 128 and 129, are these two requirements proposing that the radar be an independent stand-alone radar system, operating under its own user interface with the ability to feed information to the MSIMS?
- 3) Under REQ 130 sub para d), we require clarification on the capability of the radar to classify small, medium, and large targets. Is this requirement referring to the radar's ability to automatically classify targets size and further classification to commercial or military and display this on the surface plot, or is it referring to classification via another method?
- 4) Is having the SART mode a mandatory criteria item in REQ 130 sub para e) as more recent technology is being used today such as Personal Locator Beacons?
- 5) REQ 136 states that the operator must be able to manually filter radar contacts based on speed and heading. Can you please clarify that the filtering criteria is based on speed and heading? We are unsure about heading being used as criteria, is this correct or should it be size?
- 6) REQ 140 requires radar to detect targets through elevation angles from +/- 30 degrees, is this a mandatory criteria as a belly mounted radar will not be able to look up 30 degrees ahead of the aircraft along its centreline bearing?
- 7) REQ 147 requires the operator to be able to initiate target tracking on selected contacts, is this a mandatory criteria, as we are not aware of any radar with target tracking on any land targets in GMTI mode due to the complexities involved. Can you please clarify this requirement in what you consider tracking?
- 8) Can REQ 148 be clarified, on how you would want sub para c) validated? Bidders would not have a way of testing this, it would need to come from the manufacturer and Bidders would have to take their word for it. In addition, sub para d) and e) need clarification, can you please verify that these two points belong to Strip SAR and not ISAR as they are dealing with swath widths?
- 9) In REQ 161 can you please confirm that Land Spot function is the same as 'Spot SAR'?

Question 10: Requirement 460 states that upon contract award a detailed PMP must be delivered and the requirement proceeds to provide details of what the PMP should include, however, article (e) of requirement 460 is not typically a PMP deliverable. Can you please clarify this requirement and confirm if article (e) was meant to be part of another portion of the Bidder's response to the RFP?

Response: This is an error and will be removed from the Statement of Work.

Question 11: REQ 122 – Please clarify the specific frequency ranges meant by the statement 'all maritime and aeronautical frequencies' that need to be received.'

Response: The DF must be capable of homing on all maritime and aeronautical frequencies listed below:

- Emergency channels 121.5, 156.8, 243.0, and 406.025 MHz
- Maritime frequencies from 156.000 to 162.550 MHz
- Aeronautical frequencies from 118 to 137 MHz

This will be updated in the statement of work.

All other terms and conditions remain unchanged.