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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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<b>Title - Sujet</b> Command and Control Suite	
<b>Solicitation No. - N° de l'invitation</b> W0125-15VH09/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W0125-15-VH09	<b>Date</b> 2015-11-18
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-900-6711	
<b>File No. - N° de dossier</b> KIN-5-44093 (900)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2015-12-04</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Emmons, Chris	<b>Buyer Id - Id de l'acheteur</b> kin900
<b>Telephone No. - N° de téléphone</b> (613) 545-8083 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
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Instructions: See Herein

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<b>Signature</b>	<b>Date</b>

## **Questions received:**

### **Question 1 (English):**

First, in Annex "A" Statement of Work, MT 8 states the requirement of an X.25 connection. We were wondering if this was a mistake since we are not familiar with anyone still using an X.25 interface due to numerous issues and limitations with this protocol?

### **Response 1 (English):**

The Canadian Army was previously using X.25 to connect to their LVT but this has since changed to IP. The protocol X.25 is no longer a requirement.

### **Question 2 (English):**

Second, in Annex "A" Statement of Work, MT 13 states the requirement of the software to also be a tracker/combiner as well as support ASTRIX radar data. We were wondering if this is truly a requirement or rather a desire for this "carry-on luggage" system? Additionally, ASTRIX radar data is a bit vague because ASTRIX data of one radar system normally does not equal ASTRIX data of another radar system. The ingestion and processing of a particular radar (or radar set) is normally specified.

### **Response 2 (English):**

Our new radar (MPN-25) transmits ASTRIX data via IP. This is still a requirement while conducting airfield operations.

### **Question 3 (English):**

Our last point involves a question to our solution approach to this solicitation. Since JRE is JAVA based software, our solution (or counter solution) to this solicitation would not be hardware, but instead be only Engility JRE software and required cables/connectors instead of a complete hardware system. To save DND money, time, and maintenance issues, Engility would instead recommend installing JRE Server/Client as well as Client-Only software on DND laptops such as Panasonic CF-31's or GETAC X500 Rugged laptops. One laptop configuration would be Server/Client (to be used by the TDL operators) and the other laptop configurations would be Client-Only (to be used for Command and Control or for display on the "big board"). With this approach, these DND laptops would already be readily available in your stock system which would not only saves time and money in getting this required capability to the warfighter, but additionally your maintenance personnel would be familiar with the hardware instead of some "one-off" system they are required to maintain. With this software and cables/connectors

provided solution, Engility would be able to meet or exceed all of the mandatory technical requirements except for the X.25 interface or the radar tracker/combiner (hence the previous questions). Engility would provide the option of purchasing a Pelican (or equivalent) carry-on case through us or separately.

**Question 4 (English):**

Requirement MT8 states C2 software must connect to LVT-1A, LVT-2/11 and STT using (1) Ethernet; and (2) X.25. However, LVT-1A is a 1553 connection. Is the list of physical connections wrong, or is the terminal type wrong (for example, the LVT-1D is an Ethernet terminal).

**Response 4 (English):**

An LVT-1A can be connected using two different protocols; 1553 and Ethernet. We connect to our LVT-1A only using Ethernet (Platform D).

**Question 5 (English):**

Requirement MT10 lists the minimal physical interfaces required for each BLOS data link but doesn't state the system has to support all those interfaces simultaneously. What is the total number of Ethernet ports and serial ports required for the system?

**Response 5 (English):**

The SOR states: "Scalability and Configuration, must allow the operator to establish networks with redundant paths, connect units within an operational theatre and between theatres. All Tactical Datalink configurations **must be able to operate simultaneously**, while sharing tactical information between each other. Furthermore, each datalink must have the ability to operate independently if required".