



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**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**

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Ethernet Data Distribution System	
<b>Solicitation No. - N° de l'invitation</b> W2671-16JG29/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W2671-16JG29	<b>Date</b> 2016-05-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$EDM-025-10747	
<b>File No. - N° de dossier</b> EDM-6-39002 (025)	<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 2016-05-30</b>	
<b>Time Zone</b> Fuseau horaire Mountain Daylight Saving Time MDT	
<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> Calley, Jennifer	<b>Buyer Id - Id de l'acheteur</b> edm025
<b>Telephone No. - N° de téléphone</b> (780) 497-3788 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

This Solicitation Amendment 001 is issued to amend Annex "B" Minimum Performance Specifications:

[DELETE]: Annex "B" Minimum Performance Specifications in its entirety; and

[INSERT]: The revised Annex "B" Minimum Performance Specifications, as follows:

## ANNEX "B"

### MINIMUM PERFORMANCE SPECIFICATIONS

#### Instruction to Bidders:

- Bidders must address each Minimum Performance Specification listed below, whether the product offered "Meets" or "Does not Meet", and should provide supporting documentation for each item. Bidders should identify on their supporting documentation where the information can be found and, if applicable, "N/A" if documentation is not available.
- Bidders are requested to cross reference by item number on their supporting document where it clearly shows the specification meets or exceeds each minimum specification.

Item	Description	Met	Not Met	Reference
M1	The Chapter 10 Ethernet Data Distribution and Recording System, here-after called the system, must be comprised of integrated components capable of acquiring, recording, playing back and distributing PCM data, serial data. The system must be able to record video imagery. The system must be a proven product from an establish production line			
M2	<u>User Interface.</u> The system must have an integral user interface to allow the user to enter and observe all operating parameters.			
M3	<u>Configuration.</u> The system must be capable of storing all operating parameters and allow the user to configure the system for operation from stored parameters.			
M4	<u>Time Sync.</u> The system must be able to accept and use IRIG-B time to time stamp recorded data.			
M5	<u>Remote Operation.</u> The system must be capable of remote operation via an Ethernet link.			
	<b>Data Types</b>			
M6	The system must provide inputs for the following signal types:  <u>PCM.</u> The system must provide inputs for at least eight streams of PCM data, in accordance with IRIG 106-11 (Part 1), Chapter 4, June 2011. The system must provide the status of the frame lock for each PCM channel in software and hardware outputs. <u>Serial.</u> The system must provide inputs for at least four serial data streams at data rates of less than or equal to 300 Baud, to equal to or greater than 19.2 kBaud. <u>Video.</u> The system must provide inputs for at least four NTSC video streams with at least one audio channel per video stream. <u>IRIG-B.</u> The system must use IRIG-B time code, AC or DC vendor choice.			
	<b>Recording</b>			
M7	The system must record all input signals in the IRIG 106			

	Chapter 10 format, in accordance with IRIG 106-09, Telemetry Standard, Chapter 10, April 2009.			
<b>M8</b>	<u>Capacity.</u> The system must have a data storage capacity equal to or greater than 2 Tera-Bytes.			
	<b><u>Distribution</u></b>			
<b>M9</b>	The system must stream, <b>in real-time or post record data playback</b> , over Ethernet in the IRIG 106 Chapter 10 UDP format, in accordance with IRIG 106-09, Telemetry Standard, Chapter 10, April 2009.			
	<b><u>Playback</u></b>			
<b>M10</b>	The system must provide playback for the recorded PCM and serial data signal types, as define in <b>M5</b> , in their native formats.			
	<b><u>Environmental Operating Characteristics</u></b>			
<b>M11</b>	<u>Operating Temperature Range.</u> The system must be able to operate over the range of 0 degrees C up to +40 degrees C, inclusive.			
<b>M12</b>	<u>Humidity.</u> The integrated receiver system must be able to operate while exposed to non-condensing humidity conditions of up to 90%.			
<b>M13</b>	<u>Power.</u> The integrated receiver system must be able to operate using 115 volts AC, at 60 Hz.			
	<b><u>Connections</u></b>			
<b>M14</b>	The system must provide connections for the following:  <u>Power.</u> The system must have a 115 VAC, 60 Hz, power input utilizing an IEC-320 appliance AC connector (or equivalent). <u>PCM.</u> The system must provide inputs and outputs for at least eight PCM streams, and the frame lock status of each PCM stream. <u>Serial.</u> The system must provide inputs and outputs for at least four serial data streams <u>Ethernet.</u> The system must provide connection/s for IEEE 802.3 10/100/1000 Mbps Ethernet channels, used for system monitor and control as well Chapter 10 UDP data streaming. <u>Video.</u> The system must provide inputs and outputs for at least 4 NTSC video streams with at least one audio channel per video stream. <u>Time Sync.</u> The system must provide input for IRIG-B time input.			
	<b><u>Manuals</u></b>			
<b>M15</b>	The vendor must provide one (1) complete set of operator manuals, electronic media preferred.			

**Make and Model Number of Product(s) Offered:** \_\_\_\_\_

**No Published Specifications**

The bidder certifies that no published specification exists for any items identified above as "N/A" and that the product offered meets the minimum performance specifications request.

Solicitation No. - N° de l'invitation  
W2671-16JG29/A  
Client Ref. No. - N° de réf. du client  
W2671-16-JG29

Amd. No. - N° de la modif.  
001  
File No. - N° du dossier  
EDM-6-39002

Buyer ID - Id de l'acheteur  
edm025  
CCC No./N° CCC - FMS No./N° VME

---

Bids which do not meet all of the Minimum Performance Specifications listed above will be deemed non-compliant and given no further consideration.

If upon delivery and acceptance, the product is found not to meet the Minimum Performance Specifications, the product will be returned at the Suppliers expense and the Contract terminated for default.

**Ethernet Data Distribution and Recording System must be delivered to the specified location before 2016-12-12.**

Please indicate below:

**Meet Delivery Requirement** \_\_\_\_\_

OR

**Unable to Meet Delivery Requirement** \_\_\_\_\_

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.**