



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

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

Proposal To: Public Works and Government Services Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux: Travaux Publics et Services Gouvernementaux Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet Ethernet Data Distribution System	
Solicitation No. - N° de l'invitation W2671-16JG29/A	Date 2016-04-18
Client Reference No. - N° de référence du client W2671-16JG29	
GETS Reference No. - N° de référence de SEAG PW-\$EDM-025-10747	
File No. - N° de dossier EDM-6-39002 (025)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-05-30	Time Zone Fuseau horaire Mountain Daylight Saving Time MDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Calley, Jennifer	Buyer Id - Id de l'acheteur edm025
Telephone No. - N° de téléphone (780) 497-3788 ()	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE AEROSPACE ENGINEERING TEST EST. CFB COLD LAKE 6HGR MEDLEY Alberta T0A2M0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	2
1.1 REQUIREMENT	2
1.2 DEBRIEFINGS	2
1.3 TRADE AGREEMENTS	2
PART 2 - BIDDER INSTRUCTIONS	2
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	2
2.2 SUBMISSION OF BIDS	2
2.3 ENQUIRIES - BID SOLICITATION	2
2.4 APPLICABLE LAWS	3
PART 3 - BID PREPARATION INSTRUCTIONS	3
3.1 BID PREPARATION INSTRUCTIONS	3
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	4
4.1 EVALUATION PROCEDURES	4
4.2 BASIS OF SELECTION	4
PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION	4
5.1 CERTIFICATIONS REQUIRED WITH THE BID	5
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	5
PART 6 - RESULTING CONTRACT CLAUSES	5
6.1 SECURITY REQUIREMENTS	5
6.2 REQUIREMENT	6
6.3 STANDARD CLAUSES AND CONDITIONS	6
6.4 TERM OF CONTRACT	6
6.5 AUTHORITIES	6
6.6 PAYMENT	7
6.7 INVOICING INSTRUCTIONS	8
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION	8
6.9 APPLICABLE LAWS	8
6.10 PRIORITY OF DOCUMENTS	8
6.11 DEFENCE CONTRACT	9
6.12 SACC <i>MANUAL</i> CLAUSES	9
ANNEX "A"	10
REQUIREMENT	10
ANNEX "B"	13
MINIMUM PERFORMANCE SPECIFICATIONS	13
ANNEX "C"	16
BASIS OF PAYMENT	16
ANNEX "D" TO PART 3 OF THE BID SOLICITATION	17
ELECTRONIC PAYMENT INSTRUMENTS	17

PART 1 - GENERAL INFORMATION

1.1 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.3 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2016-04-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 15 calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Alberta.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

- Section I: Technical Bid (1 hard copy)
- Section II: Financial Bid (1 hard copy)
- Section III: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex “D” Electronic Payment Instruments, to identify which ones are accepted.

If Annex “D” Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Failure to meet any of the following mandatory criteria at solicitation closing will render your submission non-compliant and be given no further consideration.

- a) Ability to meet the Requirement and the Minimum Performance Specifications as described in Annex “A” and Annex “B”.

4.1.2 Financial Evaluation

Assessment will be based on the firm unit price specified in Annex “C”.

SACC Manual Clause [A0222T](#) (2014-06-26), Evaluation of Price

4.2 Basis of Selection

4.2.1 Mandatory Technical Criteria

SACC Manual Clause [A0031T](#) (2010-08-16), Basis of Selection - Mandatory Technical Criteria

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969) website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before 2016-12-12.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Jennifer Calley
Title: Procurement Officer Trainee
Public Works and Government Services Canada
Acquisitions Branch
ATB Place North Tower
10025 Jasper Avenue
Edmonton, AB T5J 1S6

Telephone: (780) 497-3788
Facsimile: (780) 497-3510
E-mail address: jennifer.calley@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority

The Project Authority for the Contract is: *(to be inserted at contract award)*

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____

E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative (*offeror to fill in*)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price, as specified in Annex "C" for a cost of \$ _____ (*insert the amount at contract award*). Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Limitation of Price

SACC Manual clause [C6000C](#) (2011-05-16), Limitation of Price

6.6.3 Single Payment

SACC Manual clause [H1000C](#) (2008-05-12), Single Payment

6.6.4 SACC Manual Clauses

[C2000C](#) (2007-11-30), Taxes - Foreign-based Contractor
[C2002C](#) (2010-01-11), Duties and Taxes - Foreign-based Contractor - State of California
[C2605C](#) (2008-05-12), Canadian Customs Duties and Sales Tax - Foreign-based Contractor
[C2608C](#) (2015-02-25), Canadian Customs Documentation
[C5201C](#) (2008-05-12), Prepaid Transportation Costs

6.6.5 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;

- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Each invoice must be supported by:

- a. a copy of time sheets to support the time claimed;
 - b. a copy of the release document and any other documents as specified in the Contract;
 - c. a copy of the invoices, receipts, vouchers for all direct expenses, and all travel and living expenses;
 - d. a copy of the monthly progress report.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.8 Certifications and Additional Information

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____. *(Insert the name of the province or territory as specified by the Bidder in its bid, if applicable)*

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) the Articles of Agreement;
- b) the general conditions 2010A (2016-04-04) General Conditions – Good (Medium Complexity);
- c) Annex "A", Requirement;
- d) Annex "B", Minimum Performance Specifications
- e) Annex "C", Basis of Payment
- f) the Contractor's bid dated _____ *(insert date of bid)*

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

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EDM-6-39002

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

6.11 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16), Defence Contract

6.12 SACC Manual Clauses

[G1005C](#) (2016-01-28), Insurance - No Specific Requirement
[A2000C](#) (2006-06-16), Foreign Nationals (Canadian Contractor)
[A2001C](#) (2006-06-16), Foreign Nationals (Foreign Contractor)
[A9062C](#) (2011-05-16), Canadian Forces Site Regulations
[B1501C](#) (2006-06-16), Electrical Equipment
[B7500C](#) (2006-06-16), Excess Goods

ANNEX "A"

REQUIREMENT

SCOPE

- 1.1 Purpose. The intent of this document is to define the technical specifications for equipment to augment telemetry data acquisition, recording, distribution and playback equipment.
- 1.2 Background. The Aerospace Engineering Test Establishment (AETE) employs telemetry auto-tracking systems, receivers, diversity combining and bit synchronizing equipment. There is a need to acquire a system for the acquisition, recording, distribution and playback of multiple streams of PCM data, serial data and video imagery, in the Flight Test Control Room (FTCR).

2.0 APPLICABLE DOCUMENTS

- 2.1 Applicability. The following documents form part of this Technical Specification to the extent specified herein.
- 2.2 STANDARDS
- 2.2.1 IRIG 106-11 (Part 1), Chapter 4, June 2011
- 2.2.2 IRIG 106-09, Telemetry Standard, Chapter 10, April 2009

3.0 SYSTEM REQUIREMENTS

3.1.1 General Characteristics

- 3.1.1 Description. 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.
- 3.1.2 User Interface. The system must have an integral user interface to allow the user to enter and observe all operating parameters.
- 3.1.1 Configuration. The system must be capable of storing all operating parameters and allow the user to configure the system for operation from stored parameters.
- 3.1.2 Time Sync. The system must be able to accept and use IRIG-B time to time stamp recorded data.
- 3.1.3 Remote Operation. The system must be capable of remote operation via an Ethernet link.

3.2 Data Types

- 3.2.1 Description. The system must provide inputs for the following signal types.
- 3.2.2 PCM. The system must provide inputs for at least eight streams of PCM data as defined in the paragraph 2.2.1. The system must provide the status of the frame lock for each PCM channel in software and hardware outputs.
- 3.2.3 Serial. 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.
- 3.2.4 Video. The system must provide inputs for at least four NTSC video streams with at least one audio channel per video stream.
- 3.2.5 IRIG-B. The system must use IRIG-B time code, AC or DC vendor choice.

3.3 Recording

- 3.3.1 Description. The system must record all input signals in the IRIG 106 Chapter 10 format, as defined in paragraph 2.2.2.
- 3.3.2 Capacity. The system must have a data storage capacity equal to or greater than 2 Tera-Bytes.
- 3.3.3 Data Files. The recorded data file/s must be accessible via Ethernet for post record processing or transfer to other network storage media.

3.4 Distribution

- 3.4.1 Description. The system must stream, in real-time or post record data playback, over Ethernet in the IRIG 106 Chapter 10 UDP format, as defined in paragraph 2.2.2.

3.5 Playback

- 3.5.1 Description. The system must provide playback for the recorded PCM and serial data signal types, in their native formats.

3.6 Environmental Operating Characteristics

- 3.6.1 Operating Temperature Range. The system must be able to operate over the range of 0 degrees C up to +40 degrees C, inclusive.
- 3.6.2 Humidity. The integrated receiver system must be able to operate while exposed to non-condensing humidity conditions of up to 90%.
- 3.6.3 Power. The integrated receiver system must be able to operate using 115 volts AC, at 60 Hz.

3.7 Connections

- 3.7.1 Description. The system must provide connections for the following.

- 3.7.2 Power. The system must have a 115 VAC, 60 Hz, power input utilizing an IEC-320 appliance AC connector (or equivalent).
- 3.7.3 PCM. The system must provide inputs and outputs for at least eight PCM streams, and the frame lock status of each PCM stream.
- 3.7.4 Serial. The system must provide inputs and outputs for at least four serial data streams.
- 3.7.5 Ethernet. 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.
- 3.7.6 Video. The system must provide inputs and outputs for at least 4 NTSC video streams with at least one audio channel per video stream.
- 3.7.7 Time Sync. The system must provide input for IRIG-B time input.

DELIVERABLES

System Delivery

System. The requirement is for one complete system, including any necessary accessories as well as one complete set of operating manuals.

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.			
	Data Types			
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.			
	Recording			
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.			
M8	<u>Capacity.</u> The system must have a data storage capacity			

	equal to or greater than 2 Tera-Bytes.			
	<u>Distribution</u>			
M9	The system must stream, in real-time or post record data playback , over Ethernet in the IRIG 106 Chapter 10 UDP format, in accordance with IRIG 106-09, Telemetry Standard, Chapter 10, April 2009.			
	<u>Playback</u>			
M10	The system must provide playback for the recorded PCM and serial data signal types, as define in M5 , in their native formats.			
	<u>Environmental Operating Characteristics</u>			
M11	<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.			
M12	<u>Humidity.</u> The integrated receiver system must be able to operate while exposed to non-condensing humidity conditions of up to 90%.			
M13	<u>Power.</u> The integrated receiver system must be able to operate using 115 volts AC, at 60 Hz.			
	<u>Connections</u>			
M14	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.			
	<u>Manuals</u>			
M15	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.

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

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.
File No. - N° du dossier
EDM-6-39002

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

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 **2016-07-01**.

Please indicate below:

Meet Delivery Requirement _____

OR

Unable to Meet Delivery Requirement _____

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.
File No. - N° du dossier
EDM-6-39002

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

ANNEX "C"

BASIS OF PAYMENT

Instruction to Bidders:

- Bidder is requested to complete the below table and submit completed table with their bid.
- Firm Unit Price must be FOB Destination and include all delivery and off-loading charges to the Cold Lake, AB.
- Firm Unit Price do not include Applicable taxes. Applicable taxes will be added as a separate line item to any invoice issued as a result of a Contract.
- **All Firm Unit Price is in Canadian Dollars.**

Delivery location:

DND/AETE
Wing Cold Lake
BLDG 171 MDC
Cold Lake, AB T9M 2C5

Description	QTY	Firm Unit Price	Extended Price
CH10 Ethernet Data Distribution and Recorder System inclusive of 1 operating manual as per Annex A. Delivery and off-loading to be included.	1	\$ _____/ea	\$ _____
TOTAL EVALUATED BID PRICE			

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.
File No. - N° du dossier
EDM-6-39002

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

ANNEX "D" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)