



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

## 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

### Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

### Issuing Office - Bureau de distribution

Defence Communications Division. (QD)

11 Laurier St./11, rue Laurier

Place du Portage, Phase III, 8C2

Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> TIC3 Air Deployable Tactical Data L TIC3 Air Deployable Tactical Data Link (TDL) –Ground Entry Station (GES)	
<b>Solicitation No. - N° de l'invitation</b> W8475-235520/A	<b>Date</b> 2023-06-16
<b>Client Reference No. - N° de référence du client</b> W8475-235520	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QD-028-29097	
<b>File No. - N° de dossier</b> 028qd.W8475-235520	<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> Eastern Daylight Saving Time EDT <b>on - le 2023-08-03</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Garate, Oscar	<b>Buyer Id - Id de l'acheteur</b> 028qd
<b>Telephone No. - N° de téléphone</b> (873) 355-3354 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> 6363 NOTRE DAME EST MONTREAL QC H1N 3V9 CANADA	

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>

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**Annex A      Acquisition Statement of Work**

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**Annex B      ISS Statement of Work****Annex C      Acquisition Basis of Payment****Annex D      ISS Basis of Payment****Annex E      Financial Basis of Evaluation****Annex F      Evaluation and Compliance Matrix****Annex G      Demonstration Plan****Annex H      List of Acronyms****Annex I      Applicable Documents****Annex J      DND 626 Task Authorization****Annex K      Federal Contractors****Annex L      E-Payment****Annex M      SRCL**

## PART 1 - GENERAL INFORMATION

*This bid solicitation is in response to Request for Information (RFI) W8485-175274 for Tactical Integrated Command, Control and Communications (TIC3 Air), Line of Effort 4, Deployable Tactical Data Link (TDL) Ground Entry Point (GEP)*

### 1.1 Security Requirements

#### THIS DOCUMENT CONTAINS A SECURITY REQUIREMENT

Before award of a contract, the following conditions must be met:  
the Bidder must hold a valid organization security clearance as indicated in  
Part 6 and Part 7 - Resulting Contract Clauses;

For additional information on security requirements, Bidders should refer to the Contract Security Program of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

### 1.2 Requirement

1.2.1 This bid solicitation is being issued to satisfy the requirement of the Department of National Defense for Systems and Subsystems for the Deployable TDL GEP.  
It is intended to result in the award of two contracts to one successful bidder. The two contracts will be the Acquisition Contract (TIC 3 Air-001) and the In-Services Support Contract (TIC 3 Air-002).

1.2.2 The Acquisition contract will be for the provision of two (02) IDC system and software, three (03) FDC system and software along with associated preliminary Integrated Logistics Support (ILS) such as technical documentation, training and initial provisioning of spares. There will be an option to purchase up to two additional (02) FDC systems, Training and Training Material, as listed in Annex A, Acquisition Statement of Work and Annex C, Basis of Payment.

1.2.3 The ISS contract will acquire In-Service Support (ISS) services, and system improvement services through a period of five (5) years plus two (2) one-year irrevocable option periods for ISS, and optional spares., as listed in Annex B, In-Services Support Statement of Work and Annex D, Basis of Payment.

1.2.4 The ISS shall include Program Management Services, Engineering and Technical Support Services, Provision of Materiel, Maintenance Services and Configuration Management Services.

### 1.3 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.

**1.4 Canada Post Corporation's (CPC) Connect Service**

"This bid solicitation allows bidders to use the CPC Connect service provided by Canada Post Corporation to transmit their bid electronically.

**PART 2 - BIDDER INSTRUCTIONS****2.1 Summary**

- 2.1.1 This solicitation is being issued to satisfy the requirement of the Department of National Defence for the acquisition, delivery, and support of the Tactical Data Link (TDL) Ground Entry Point (GEP) system. The TDL GEP is an integral solution that will be implemented and integrated as part of the Tactical Integrated Command Control Communications (TIC3) Air Projects, in accordance with Annex A, Acquisition Statement of Work, Annex B, In-Services Support Statement of Work, and Annex C, Acquisition Basis of Payment and Annex D, In-Services Support Basis of Payment.
- 2.1.2 The requirement is subject to the provisions of the Canadian Free Trade Agreement (CFTA).

**2.2 Standard Instructions, Clauses and Conditions**

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 (202306-08) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003 Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 13 months

**2.3 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 in the bid solicitation.

**Public Works and Government Services Canada**

Bid Receiving Unit (BRU)

11 Laurier St.

Place du Portage

Phase III, Core 0B2

Gatineau, Quebec, K1A 0S5

Canada

Note: For bidders choosing to submit using Canada Post Corporation's (CPC) Connect service for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.pareceptiondessomissions-apbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

Note: **Bids will not be accepted if emailed directly to this email address.** This email address is to be used to open a CPC Connect conversation, as detailed in Standard Instructions 2003, or to send bids through a CPC Connect message if the bidder is using its own licensing agreement for CPC Connect service.

## 2.4 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.

## 2.5 Applicable Laws

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

## 2.6 Bid Challenge and Recourse Mechanisms

(a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

(b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's Buy and Sell website, under the heading "Bid Challenge and Recourse Mechanisms" contains information on potential complaint bodies such as:

- Office of the Procurement Ombudsman (OPO)
- Canadian International Trade Tribunal (CITT)

(c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

# PART 3 - BID PREPARATION INSTRUCTIONS

## 3.1 Bid Preparation Instructions

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The CPC Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

Canada requests that the Bidder submits its bid in separately bound sections as follows:

- Section I: Technical Bid
- Section II: Financial Bid

Section III: Certifications

Section IV: Additional Information

- If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (01 hard copy) and 01 soft copy on a USB key

Section II: Financial Bid (01 hard copy) and 01 soft copy on a USB key

Section III: Certifications (01 hard copy) and 01 soft copy on a USB key

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the soft copy will have priority over the wording of the hard copy.

- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through CPC Connect service, the wording of the electronic copy provided through CPC Connect service will have priority over the wording of the other copies.

Canada requests that bidders follow the format instructions described below in the preparation of hard copy 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 (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- 1) Include all environmental certification(s) relevant to your organization (e.g., ISO 14001, Leadership in Energy and Environmental Design (LEED), Carbon Disclosure Project, etc.)
- 2) Include all environmental certification(s) or Environmental Product Declaration(s) (EPD) specific to your product/service (e.g., Forest Stewardship Council (FSC), ENERGYSTAR, etc.)
- 3) Unless otherwise noted, bidders are encouraged to submit bids electronically. If hard copies are required, bidders should:
  - a. 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
  - b. 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 each Basis of Payment identified in Annex C and D of this document.

Bidders should include the following information in their financial bid:

1. Their legal name;
2. The name of the contact person (including this person's mailing address, phone and email address) authorized by the Bidder to enter into communications with Canada with regards to: their bid; and any contract that may result from their bid.

**3.1.1 Electronic Payment of Invoices – Bid**

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "L" Electronic Payment Instructions to identify which one is accepted.

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: The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

**3.1.3 SACC Manual Clauses**

A9130T (2019-11-28), Controlled Goods Program – Bid

B1000T (2014-06-26), Condition of Material – Bid

B4051T (2014-06-26), Provisioning Parts Breakdown – Bid

**Section III: Certifications**

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

**Section IV: Additional Information**

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.

**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. For the purpose of this Solicitation, Canada will utilize a two-phased evaluation process as more fully described herein.
- b. An evaluation team composed of representatives of Canada will evaluate the bids.

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**4.1.1 Phased Bid Compliance Process**

- (a) Canada is conducting the PBCP described below for this requirement.
- (b) Notwithstanding any review by Canada at Phase I or II of the PBCP, Bidders are and will remain solely responsible for the accuracy, consistency and completeness of their Bids and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying any or all errors or omissions in Bids or in responses by a Bidder to any communication from Canada. THE BIDDER ACKNOWLEDGES THAT THE REVIEWS IN PHASE I AND II OF THIS PBCP ARE PRELIMINARY AND DO NOT PRECLUDE A FINDING IN PHASE III THAT THE BID IS NON-RESPONSIVE, EVEN FOR MANDATORY REQUIREMENTS WHICH WERE SUBJECT TO REVIEW IN PHASE I OR II AND NOTWITHSTANDING THAT THE BID HAD BEEN FOUND RESPONSIVE IN SUCH EARLIER PHASE. CANADA MAY DEEM A BID TO BE NON-RESPONSIVE TO A MANDATORY REQUIREMENT AT ANY PHASE. THE BIDDER ALSO ACKNOWLEDGES THAT ITS RESPONSE TO A NOTICE OR A COMPLIANCE ASSESSMENT REPORT (CAR) (EACH DEFINED BELOW) IN PHASE I OR II MAY NOT BE SUCCESSFUL IN RENDERING ITS BID RESPONSIVE TO THE MANDATORY REQUIREMENTS THAT ARE THE SUBJECT OF THE NOTICE OR CAR, AND MAY RENDER ITS BID NON RESPONSIVE TO OTHER MANDATORY REQUIREMENTS. (e) The PBCP does not limit Canada's rights under Standard Acquisition Clauses and Conditions (SACC) 2003 (2023-06-08) Standard Instructions – Goods or Services – Competitive Requirements nor Canada's right to request or accept any information during the solicitation period or after bid solicitation closing in circumstances where the bid solicitation expressly provides for this right. (f) Canada will send any Notice or CAR by any method Canada chooses, in its absolute discretion. The Bidder must submit its response by the method stipulated in the Notice or CAR. Responses are deemed to be received by Canada at the date and time they are delivered to Canada by the method and at the address specified in the Notice or CAR. An email response permitted by the Notice or CAR is deemed received by Canada on the date and time it is received in Canada's email inbox at Canada's email address specified in the Notice or CAR. A Notice or CAR sent by Canada to the Bidder at any address provided by the Bidder in or pursuant to the Bid is deemed received by the Bidder on the date it is sent by Canada. Canada is not responsible for late receipt by Canada of a response, however caused.

**4.1.1.2 (2018-03-13) Phase I: Financial Bid**

- (a) After the closing date and time of this bid solicitation, Canada will examine the Bid to determine whether it includes a Financial Bid and whether any Financial Bid includes all information required by the solicitation. Canada's review in Phase I will be limited to identifying whether any information that is required under the bid solicitation to be included in the Financial Bid is missing from the Financial Bid. This review will not assess whether the Financial Bid meets any standard or is responsive to all solicitation requirements.
- (b) Canada's review in Phase I will be performed by officials of the Department of Public Works and Government Services.
- (c) If Canada determines, in its absolute discretion that there is no Financial Bid or that the Financial Bid is missing all of the information required by the bid solicitation to be included in the Financial Bid, then the Bid will be considered non-responsive and will be given no further consideration.
- (d) For Bids other than those described in c), Canada will send a written notice to the Bidder ("Notice") identifying where the Financial Bid is missing.

- information. A Bidder, whose Financial Bid has been found responsive to the requirements that are reviewed at Phase I, will not receive a Notice. Such Bidders shall not be entitled to submit any additional information in respect of their Financial Bid.
- (e) The Bidders who have been sent a Notice shall have the time period specified in the Notice (the "Remedy Period") to remedy the matters identified in the Notice by providing to Canada, in writing, additional information in response to the Notice. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the Notice.
  - (f) In its response to the Notice, the Bidder will be entitled to remedy only that part of its Financial Bid which is identified in the Notice. For instance, where the Notice states that a required line item has been left blank, only the missing information may be added to the Financial Bid, except that, in those instances where the addition of such information will necessarily result in a change to other calculations previously submitted in its Financial Bid, (for example, the calculation to determine a total price), such necessary adjustments shall be identified by the Bidder and only these adjustments shall be made. All submitted information must comply with the requirements of this solicitation.
  - (g) Any other changes to the Financial Bid submitted by the Bidder will be considered to be new information and will be disregarded. There will be no change permitted to any other Section of the Bidder's Bid. Information submitted in accordance with the requirements of this solicitation in response to the Notice will replace, in full, **only** that part of the original Financial Bid as is permitted above, and will be used for the remainder of the bid evaluation process.
  - (h) Canada will determine whether the Financial Bid is responsive to the requirements reviewed at Phase I, considering such additional information or clarification as may have been provided by the Bidder in accordance with this Section. If the Financial Bid is not found responsive for the requirements reviewed at Phase I to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.
  - (i) Only Bids found responsive to the requirements reviewed in Phase I to the satisfaction of Canada, will receive a Phase II review.

#### **4.1.1.3 (2018-03-13) Phase II: Technical Bid**

- (a) Canada's review at Phase II will be limited to a review of the Technical Bid to identify any instances where the Bidder has failed to meet any Eligible Mandatory Criterion. This review will not assess whether the Technical Bid meets any standard or is responsive to all solicitation requirements. Eligible Mandatory Criteria are all mandatory technical criteria that are identified in this solicitation as being subject to the PBCP. Mandatory technical criteria that are not identified in the solicitation as being subject to the PBCP, will not be evaluated until Phase III.
- (b) Canada will send a written notice to the Bidder (Compliance Assessment Report or "CAR") identifying any Eligible Mandatory Criteria that the Bid has failed to meet. A Bidder whose Bid has been found responsive to the requirements that are reviewed at Phase II will receive a CAR that states that its Bid has been found responsive to the requirements reviewed at Phase II. Such Bidder shall not be entitled to submit any response to the CAR.
- (c) A Bidder shall have the period specified in the CAR (the "Remedy Period") to remedy the failure to meet any Eligible Mandatory Criterion identified in the CAR by providing

- to Canada in writing additional or different information in response to the CAR. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the CAR.
- (d) The Bidder's response must address only the Eligible Mandatory Criteria listed in the CAR as not having been achieved, and must include only such information as is necessary to achieve such compliance. Any additional information provided by the Bidder which is not necessary to achieve such compliance will not be considered by Canada, except that, in those instances where such a response to the Eligible Mandatory Criteria specified in the CAR will necessarily result in a consequential change to other parts of the Bid, the Bidder shall identify such additional changes, provided that its response must not include any change to the Financial Bid.
  - (e) The Bidder's response to the CAR should identify in each case the Eligible Mandatory Criterion in the CAR to which it is responding, including identifying in the corresponding section of the original Bid, the wording of the proposed change to that section, and the wording and location in the Bid of any other consequential changes that necessarily result from such change. In respect of any such consequential change, the Bidder must include a rationale explaining why such consequential change is a necessary result of the change proposed to meet the Eligible Mandatory Criterion. It is not up to Canada to revise the Bidder's Bid, and failure of the Bidder to do so in accordance with this subparagraph is at the Bidder's own risk. All submitted information must comply with the requirements of this solicitation.
  - (f) Any changes to the Bid submitted by the Bidder other than as permitted in this solicitation, will be considered to be new information and will be disregarded. Information submitted in accordance with the requirements of this solicitation in response to the CAR will replace, in full, **only** that part of the original Bid as is permitted in this Section.
  - (g) Additional or different information submitted during Phase II permitted by this section will be considered as included in the Bid, but will be considered by Canada in the evaluation of the Bid at Phase II only for the purpose of determining whether the Bid meets the Eligible Mandatory Criteria. It will not be used at any Phase of the evaluation to increase any score that the original Bid would achieve without the benefit of such additional or different information. For instance, an Eligible Mandatory Criterion that requires a mandatory minimum number of points to achieve compliance will be assessed at Phase II to determine whether such mandatory minimum score would be achieved with such additional or different information submitted by the Bidder in response to the CAR. If so, the Bid will be considered responsive in respect of such Eligible Mandatory Criterion, and the additional or different information submitted by the Bidder shall bind the Bidder as part of its Bid, but the Bidder's original score, which was less than the mandatory minimum for such Eligible Mandatory Criterion, will not change, and it will be that original score that is used to calculate any score for the Bid.
  - (h) Canada will determine whether the Bid is responsive for the requirements reviewed at Phase II, considering such additional or different information as may have been provided by the Bidder in accordance with this Section. If the Bid is not found responsive for the requirements reviewed at Phase II to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.
  - (i) Only Bids found responsive to the requirements reviewed in Phase II to the satisfaction of Canada, will receive a Phase III evaluation.

#### **4.1.1.4 (2018-03-13) Phase III: Final Evaluation of the Bid**

- (a) In Phase III, Canada will complete the evaluation of all Bids found responsive to the requirements reviewed at Phase II. Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) A Bid is non-responsive and will receive no further consideration if it does not meet all mandatory evaluation criteria of the solicitation.

#### 4.1.2 Technical Evaluation

Each proposal will be evaluated from a technical point of view to verify whether and how the mandatory requirements are satisfied and to score the rated requirements through Annex F – Compliance and Evaluation Matrix.

To demonstrate that their products meet all selected technical specifications mentioned above, Bidders must submit with their bid *proof of compliance*. A proof of compliance is defined as a document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software. The document must provide detailed information on each performance mandatory technical evaluation criteria. Canada will evaluate only the documentation provided with a Bidder's bid. Canada will not evaluate information such as references to Web site addresses where additional information can be found, or technical manuals or brochures not submitted with the bid.

The Bidder must clearly demonstrate how the proposed equipment complies with each mandatory technical evaluation criteria listed in the Annex F tables “Compliance and Evaluation Matrix \ Statement of Work (SOW) Compliance” and “Compliance and Evaluation Matrix \ System Performance Specification (SPS) Compliance”.

Where it is necessary to refer to other documentation that is included in the proposal, Bidders must include the precise location of the reference material including the title of the document, and the page and paragraph numbers. It is the Bidder's responsibility to provide enough details to permit a complete evaluation. Any proposal that does not clearly demonstrate compliance with each of the mandatory technical evaluation criteria listed in Annex F – Compliance and Evaluation Matrix will be considered non-responsive.

Rated Technical Score Calculation. The Technical Points for each proposal will be obtained from the evaluation in accordance with Annex F – Compliance and Evaluation Matrix.

- a. The maximum potential technical points total is 550. Based on the percentage of technical points achieved on a bid, the maximum technical evaluation score is 65.
- b. The example below depicts how the Technical Points are calculated.

	Total Technical Points	Technical Evaluation Score Calculation	Technical Score
Bidder 1	195	$195 * 65 / 550$	42.3
Bidder 2	240	$240 * 65 / 550$	52.0
Bidder 3	150	$150 * 65 / 550$	32.5

#### 4.2.2. Financial Evaluation

A Bidder's financial proposal will be evaluated based on the table shown in Annex E – Basis of Evaluation. The table will be populated for a given Bidder by the evaluation team using Annex C – Acquisition Basis of Payment, and Annex D – ISS Basis of Payment. The table will use the shown calculations and weightings to determine a Bidder's Final Weighted Financial Bid, which will then be compared against the lowest received Final Weighted Financial Bid to award a Pricing Score (see Section 4.3). It is important to note, that the Final Weighted Financial Bid does not represent the overall bid value, as there are weightings that have been applied.

For the purposes of evaluation, a Bidder's hourly rates will be averaged over the total potential length of the In Service Support Contract for each labour category, including option years. Similarly, the average monthly ISSC rate will be used, calculated over the length of the ISSC, including option years.

The Financial proposal will be evaluated in Canadian dollars, Transportation/ Shipping charges: Included, Canadian Customs/Duties: Included, Quebec Sales Tax (QST), or Ontario Sales Tax (HST), excluded.

Pricing submitted in a foreign currency will be converted to Canadian dollars based on the exchange rate provided by the Bank of Canada, at noon on the date of Bid closing. Unless otherwise stated by the Bidder, it will be assumed that the bid is being submitted in Canadian currency.

#### **4.3. Basis of Selection**

- a. To be declared responsive, a proposal must:
  1. Comply with all the requirements of the bid solicitation;
  2. Meet all mandatory criteria; and
  3. Successful demonstration of all specified mandatory and rated technical requirements outlined in the Annex G – Demonstration Plan for which the Bidder has been awarded technical points.
    - (i) If the demonstration is not successful due to failure to satisfy 1 or more mandatory requirements the proposal shall be considered non-compliant and will not be given further consideration.
    - (ii) If the demonstration is not successful due to failure to satisfy 1 or more rated requirements the proposal will be re-scored accordingly and;
      - (a) Will be recommended for contract award if it is still the 1st ranked compliant proposal. If not,
      - (b) The next highest scored compliant proposal will be invited for demonstration.
- b. Bids not meeting 4.3.a.1 or 4.3.a.2 will be declared non-responsive.
- c. The selection will be based on the highest responsive combined rating of Technical Merit Score and Pricing Score. The ratio will be 65% for technical merit and 35% for price.
- d. To establish the Technical Merit Score, the overall technical score for each responsive bid will be determined as follows: total number of technical points obtained divided by 550 (maximum number of Technical Points) and then multiplied by 65.
- e. To establish the Pricing Score, each responsive bid will be prorated against the lowest evaluated Final Weighted Financial Bid and the ratio of 35%.
- f. For each responsive bid, the Technical Merit Score and the Pricing Score will be added to determine its Combined Rating.
- g. The responsive bid with the highest combined rating of Technical Merit Score and Pricing Score will be recommended for contract award.

The table below illustrates an example where all three bids are responsive and the selection of the Bidder is determined by a 65/35 ratio of technical merit and price, respectively. The total available points equals 400 and the lowest evaluated Final Weighted Financial Bid is \$5,250,000.

**Basis of Selection - Highest Combined Rating Technical Merit (65%) and Price (35%)**

		Bidder 1	Bidder 2	Bidder 3
	<b>Overall Technical Score</b>	195	240	150
	<b>Final Weighted Financial Bid</b>	7,850,000	9,500,000	5,250,000
<b>Calculations</b>	<b>Technical Merit Score</b>	$195 * 65/300 = 42.3$	$240 * 65/300 = 52.0$	$150 * 65/300 = 32.5$
	<b>Pricing Score</b>	$5250000/7850000 \times 35 = 23.4$	$5250000/9500000 \times 35 = 19.3$	$5250000/5250000 \times 35 = 35.0$
	<b>Combined Rating</b>	65.7	71.3	67.5
	<b>Ranking</b>	3	1	2

## 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.

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 Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

#### 5.1.2 Security Requirements – Required Documentation

Bidders are reminded to obtain the required security clearance and, as applicable, security capabilities promptly. As indicated above, bidders who do not provide all the required information at bid closing will be given the opportunity to complete any missing information from the AFR form within a period set by the Contracting Authority. If that information is not provided within the timeframe established by the Contracting Authority (including any extension granted by the Contracting Authority in its discretion), or if Canada requires further information from the bidder in connection with assessing the



request for security clearance (i.e., information not required by the AFR form), the Bidder will be required to submit that information within the time period established by the Contracting Authority, which will not be less than 48 hours. If, at any time, the Bidder fails to provide the required information within the timeframe established by the Contracting Authority, its bid will be declared non-compliant.

### **5.1.3 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 website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

### **5.1.4 Former Public Servant**

A3025T (2020-05-04) Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

## **PART 6 - RESULTING ACQUISITION CONTRACT CLAUSES**

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

### **6.1 Security Requirements**

The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract:



1. The Contractor must, at all times during the performance of the Contract, hold a valid Designated Organization Screening (DOS), issued by the Contract Security Program (CSP), Public Works and Government Services Canada (PWGSC).
2. The Contractor personnel requiring access to PROTECTED information, assets or sensitive site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by the CSP, PWGSC.
3. The Contractor MUST NOT remove any PROTECTED information or assets from the identified site(s), and the Contractor must ensure that its personnel are made aware of and comply with this restriction.
4. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP, PWGSC.
5. The Contractor must comply with the provisions of the:
  - a) Security Requirements Check List and security guide (if applicable), attached at Annex J ;
  - b) Contract Security Manual (Latest Edition).

## **6.2 Statement of Work**

The Contractor must perform the Work in accordance with all Statement of Works, Performance Specifications and the technical and management portions of the Contractor's proposal entitled \_\_\_\_\_, dated \_\_\_\_\_.

### **6.2.1 Condition of Material**

The Contractor must provide material that is new production of current manufacture supplied by the principal manufacturer or its accredited agent. The material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that was in effect on the bid closing date.

## **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>) issued by Public Works and Government Services Canada.

### **6.3.1 General Conditions**

2010A (2022-12-01), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### **6.3.2 Supplemental General Conditions**

4001 (2015-04-01), Hardware Purchase, Lease and Maintenance excluding Lease

4002 (2010-08-16), Software Development or Modification Services

4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information.

## **6.4 Term of Contract**

### **6.4.1 Period of the Contract**

The Contract period shall be for 36 months from the date of Contract award.

**6.4.2 Delivery Date**

All the deliverables under the acquisition contract must be received no later than 24 months after contract award.

**6.4.3 Option to Extend the Contract**

The Contractor grants Canada the irrevocable option to purchase optional equipment for a period of 36 months from the date of Contract award. The Contracting Authority will advise the Contractor, in writing, if optional equipment is required by DND.

**6.5 Authorities****6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Oscar Garate

Supply Team Leader

Public Works and Government Services Canada, Acquisitions Branch

Directorate: Electronics, Munitions and Tactical Systems Procurement Directorate (EMTSPD)

Address: PDP 3, Place du Portage

Telephone: 873 355 3354

E-mail address: Oscar.Garate@tpsgc-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 Technical Authority**

The Technical Authority for the Contract is:

To be filled in at Contract Award.

The Technical 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 Technical Authority, however the Technical 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 Procurement Authority**

The Procurement Authority for the Contract is:

To be filled in at Contract Award.

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for all matters concerning the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority; however the Procurement 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.

#### **6.5.4 Contractor's Representative**

To be filled in at Contract Award.

### **6.6 Payment**

#### **6.6.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under this Contract, the Contractor will be paid firm prices in accordance with Annex C Basis of Payment.

The following Basis of Payment terms will apply:

FOB Destination Incoterms 2020 Delivery Duty Paid (DDP)

Transportation/ Shipping charges: Included

Canadian Customs/Duties: Included

GST/QST/HST: Extra

#### **6.6.2 Multiple payments**

H1001C (2008-05-12) Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if: an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract; all such documents have been verified by Canada; the Work delivered has been accepted by Canada.

#### **6.6.3 Limitation of Price**

SACC Manual clause C6000C (2017-08-17)

#### **6.6.4 Electronic Payment of Invoices – Contract**

The Contractor accepts to be paid using a Direct Deposit (Domestic and International) and/or Wire Transfer (International Only).

### **6.7 Delivery, Inspection and Acceptance**

#### **6.7.1 Delivery Point**

The Contractor must ship the goods prepaid DDP - Delivered Duty Paid to 25 Canadian Forces Supply Depot (CFSD) by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

25 CF Supply Depot Montreal,  
6363 Notre Dame St. E.  
Montreal, Quebec H1N 3V9

#### **6.7.2 Invoicing Instructions**

Invoices must be distributed as follows:

- (a) The original invoice and one copy to the Consignee (25 CFSD);
- (b) One (1) Copy to the Contracting Authority; and
- (c) One (1) copy to the Procurement Authority.

#### **6.7.3 Packaging**

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification *D-LM-008-036/SF-000*, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items in quantities of one per package.

#### **6.7.4 Inspection and Acceptance**

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents and goods rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document or good not be in accordance with the Requirements and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

#### **6.7.5 Quality Control**

D5515C (2010-01-11) Quality Assurance Authority (Department of National Defence) - Foreign-based and United States Contractor

#### **6.7.6 Release documents**

The Contractor must prepare the release documents in a current electronic format and distribute them as follows:

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:  
National Defence Headquarters  
MGen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A 0K2  
Attention: DAP 7-3-6

### **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 Ontario, Canada.

**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, (2022-12-01);
- (c) Annex C, Acquisition Basis of Payment;
- (d) Annex A, Acquisition Statement of Work;
- (e) Contractor's bid dated \_\_\_\_\_ (*insert date of bid*)

**6.11 Defence Contract**

SACC Manual clause A9006C (2012-07-16)

**6.12 SACC Manual Clauses**

B7500C (2006-06-16) Excess Goods

C2000C (2007-11-30) Taxes - Foreign-based Contractor

D0050C (2007-05-25) End User Certificate

D6010C (2007-11-30) Palletization

D9002C (2007-11-30) Incomplete Assemblies

**6.13 Dispute Resolution**

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "Dispute Resolution".

**PART 7 - RESULTING IN-SERVICE SUPPORT CONTRACT CLAUSES**

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

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**7.1 Security Requirements**

The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract:

1. The Contractor must, at all times during the performance of the Contract, hold a valid Designated Organization Screening (DOS), issued by the Contract Security Program (CSP), Public Works and Government Services Canada (PWGSC).
2. The Contractor personnel requiring access to PROTECTED information, assets or sensitive site(s) must EACH hold a valid RELIABILITY STATUS, granted or approved by the CSP, PWGSC.
3. The Contractor MUST NOT remove any PROTECTED information or assets from the identified site(s), and the Contractor must ensure that its personnel are made aware of and comply with this restriction.
4. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP, PWGSC.
5. The Contractor must comply with the provisions of the:
  - a) Security Requirements Check List and security guide (if applicable), attached at Annex J ;
  - b) Contract Security Manual (Latest Edition).

**7.2 Statement of Work**

The Contractor must perform the Work in accordance with the Annex B – In-Service Support Statement of Work.

**7.2.1 Nature of Work**

The Department of National Defence (DND) has a requirement for the provision of Basic Maintenance and Support for TIC3 Air Tactical Data Link (TDL) Ground Entry Point (GEP) as detailed in Annex B – In-Service Support Statement of Work.

**7.2.2 Categories of Work**

The work is broken down into two categories:

**1) Continuous Work Requirement**

The Contractor must provide software updates and bug fixes, progress reports and RSPL updates as defined in Annex B – In-Service Support Statement of Work.

**2) All other taskings including**

The Contractor must provide the following:

Systems and Software Upgrade, General Engineering and Maintenance Services (GEMS), Integrated Logistic Support, as defined in Annex B – In-Service Support Statement of Work

**7.2.3 Work Authorization Procedures:**

Each Task will only be performed by the Contractor when a duly authorized Task Authorization has been issued by Canada, in accordance with the Contract sub-article entitled “Task Authorization Limitations” using a DND 626, entitled “Task Authorization”. DND is not bound to issue the Tasks indicated in the Contract and reserves the right to change Task details as well as issue other Tasks. Refinement of the details of each Task assigned will be described in an individual DND 626 provided by

DND. All other terms and conditions of the Contract apply to this Task Authorization method and cannot be amended without written authorization by the CA.

Work must be subject to written technical instructions detailed in a DND 626, signed by the TA and approved by Canada as required.

**The Task SOW is used to:**

- a. Request the Contractor to perform the Work defined in the DND 626;
- b. Provide directions to the Contractor to pursue certain lines of inquiry, to shift work emphasis, fill in details or otherwise serve to accomplish the Task(s); and
- c. Provide guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of Work description.

Work defined in a DND 626 must be within the general Scope of Work stated in the Contract.

The Contractor must control all Work by the serial numbers assigned to all DND 626s.

**TASKING PROCEDURES:**

The DND 626 "Task Authorization" form is the Task Authorization method that will be used to authorize specific Tasks under this Contract and the following administrative process applies:

- a. Prior to issuing a Task Authorization, the TA will prepare a draft Task SOW fully describing the Scope of Work required for the Task and specifying the details listed in the sub article (b) below.
- b. The TA will submit this draft Task SOW (without the DND 626 form) through the PA to the Contractor specifying the funding limitation for the Task, the Work requirement, the acceptance criteria for the Work, the types of reports required, and the scheduled date of completion. The PA must ensure that the Task is within the Scope of Work for this Contract.
- c. The PA will request that the Contractor review the Task SOW and provide an accurate quote within a specified time limit, using the rates established in the Contract and based on the Contractor's Level of Effort (LOE) needed to complete the Task. The LOE quote must provide an accurate cost estimate and schedule for producing the requested deliverables. The LOE quote must clearly identify all the applicable charges.
- d. The Contractor must, within the time limit specified by the TA or its designated representatives, provide the LOE quote and/or notify the TA of the status of the proposed Task SOW response. Should the time limit specified by the TA not be sufficient, the Contractor must submit the LOE quote within a time period that is mutually acceptable to the TA and the Contractor.
- e. The Contractor must ensure that the requested Task does not exceed the Scope of Work for this Contract and that the Contractor is fully capable of producing the requested deliverables by achieving the essential functions at the lowest cost consistent with the required performance, reliability, quality and safety. Should the Contractor have any doubt with respect

to the Work requested in the DND 626, the Contractor must submit DND 626 change recommendations to the PA prior to acceptance of the Task Authorization (DND 626).

- f. The Contractor must submit to the TA through the PA, the following written details:
  - i. The estimated labour hours, the total estimated cost, calculated in accordance with the terms and conditions of the Contract;
  - ii. A list of personnel (including their associated Labour Category and labour Rate) assigned to perform the Task;
  - iii. The schedule for completion of the Work;
  - iv. An activity resource listing; and
  - v. The Contractor's acceptance or rejection of the proposed Task SOW, subject to receipt of a certified Task Authorization (DND 626).
- g. The Contractor must include, in the cost estimate referred to above, all applicable charges, including direct labour charges, material, subcontracting, travel and living expenses, applicable profit/fees, and applicable taxes - all in accordance with Annex B2 - Basis of Payment of the Contract.
- h. Once the TA, PA and the Contractor have understood and agreed with the Task details, the TA will review the LOE quote with the PA and in accordance with the Contract sub-article entitled "Approval Limitations", seek approval to proceed as follows:
  - i. If the LOE quote is within the DND Task approval, ceiling listed in the Contract sub-article entitled "Approval Limitations", the PA will sign the DND 626 form (with the Contractor approval Task SOW and LOE attached) and forward a signed copy to both the Contractor and the CA; or
  - ii. If the quote exceeds DND's Task approval ceiling, the PWGSC CA must also review and sign the DND 626 (with the Contractor approved Task SOW and LOE attached) prior to DND releasing the Task Authorization to the Contractor.
- j. Work on any Task may not commence prior to the date that the DND 626 is signed by the applicable Canadian Government Authorities. The PA must ensure that the CA is forwarded a copy of all authorized DND 626 Task Authorizations regardless of the dollar value.
- k. If at any time it becomes evident to the Contractor that the following conditions are exceeded:
  - i. The authorized level of expenditure for a Task;
  - ii. The total value of all the Task Work;
  - iii. The approved schedule deadline; or
  - iv. The scope of Work.

The Contractor must immediately request an amendment to the Task Authorization. The request must refer to the original Task Authorization serial number (DND 626 #) and include a revised proposal with the appropriate justification for Canada's consideration. Under no circumstance is the authorized level of expenditure to be exceeded. Canada will not pay for any Work that exceeds the authorized funding limitation.



- I. Amendments to the Work, cost or scope of the original DND 626 will require that a formal DND 626 amendment be created. Tasks originally approved by DND and within the amendment ceiling established in the Contract, will be approved by DND PA. All other amendments will be approved by DND and sent to the PWGSC CA for review and signature prior to releasing to the Contractor. DND must ensure that the CA is forwarded a copy of all authorized DND 626 amendments regardless of the dollar value.

The Contractor must complete any Tasks at the original price/scope if the approval authority rejects an amendment request. Additional Work on any Task may not commence prior to the date that the DND 626 Amendment is signed by the applicable Canadian Government Authorities.

**TASK PRICING APPROACH:** The LOE quote for each Task must clearly identify one of the following pricing approaches that the Contractor has selected for the Task:

- a. The Contractor may submit a "Firm Price" quote to the TA when the Scope of Work for a DND 626, referred to herein as "Task", is clearly understood by both parties and no changes are anticipated in the Scope of the Work.
- b. The Contractor may submit a "Ceiling Price" quote to the TA. The terms Ceiling Price is the maximum price that is to be paid to the Contractor and beyond which the Contractor will not receive additional compensation for the defined Work. In such a case, both parties agree prior to the Work authorization that the price may be subject to downward revision, based on the actual price on completion of the Task.
- c. The "Firm Price" or "Ceiling Price" quote must be based on the rates identified in the Basis of Payment, attached as Annex D – Basis of Payment. All proposed prices and cost estimates must be supported by a detailed cost breakdown.
- d. All amounts charged on a "Ceiling Price" basis must be subject to Government audit before or after payment of an invoice.

**TASK APPROVAL LIMITATIONS:** Work on any Task may not commence prior to the date that the DND 626 is signed by the applicable Canadian Government Authorities.

- a. The Approval Limitations for each Task Authorization are as follows:
  - i. Procurement Authority (PA): For Work, up to \$150,000.00 CDN for a signed DND 626; for amendment(s) to an existing DND 626 authorized by the PA, the aggregate value (Original DND value plus all Amendments) may not exceed \$150,000.00 CDN.
  - ii. PWGSC Contracting Authority (CA): Unlimited for any Task DND 626 costing more than \$150,000.00 CDN. For amendment(s) to any existing Task authorized in aggregate value of more than \$150,000.00 CDN.
- b. In the event that the estimated price to complete a Task is anticipated to exceed \$150,000.00 CDN, the DND 626 must first be authorized in writing by both the PA and CA. The Contractor must verify that both signatures are present prior to commencing Work.

**TASK COMPLETION/CLOSURE PROCEDURES:** The Contractor must monitor all Tasks issued under this Contract. If at any time the Contractor believes that a specific Task has been completed or has been inactive for a period of at least six (6) months, the Contractor must proceed as follows to request closure:

- a. The Contractor must determine the final costs to Canada, itemized as necessary for each individual Task being considered for closure;
- b. The Contractor must submit a letter to the TA (one copy each to PA and CA) requesting closure of the Task with reference to reports or letters concerning the Task as applicable;
- c. Closure will be subject to TA written acceptance of final results of the Tasking. If acceptable, the TA will authorize closure at the detailed funding levels; and
- d. In cases where authorized funds were not all expended to complete specific Tasks, these funds are considered returned to the Contract funding baseline for re-issuance/re-distribution as necessary.

### **7.3 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>) issued by Public Works and Government Services Canada.

#### **7.3.1 General Conditions**

2010C (2022-12-01), General Conditions - Services (Medium Complexity) apply to and form part of the Contract.

#### **7.3.2 Supplemental General Conditions**

4001 (2015-04-01), Hardware Purchase, Lease and Maintenance shall apply to and form part of the contract;

4004 (2013-04-25) Maintenance and Support Services for Licensed Software, apply to and form part of the contract;

4005 (2012-07-16), Telecommunications Services and Products.

4006 (2010-08-16) Contractor to Own Intellectual Property Rights in Foreground Information, apply to and form part of the contract.

### **7.4 Term of Contract**

#### **7.4.1 Period of the Contract (ISS)**

The period of the Contract is for five (5) years from the date the last TDL GEP system is delivered and accepted.

#### **7.4.2 Option to Extend the Contract**

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to two additional one (1) year period(s) under the same terms and conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment at Annex D. Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a Contract amendment.

## **7.5 Authorities**

### **7.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Oscar Garate  
Supply Team Leader  
Public Works and Government Services Canada  
Acquisitions Branch  
Electronics, Munitions and Tactical Systems Procurement Directorate (EMTSPD)  
Place du Portage, Phase II  
11 rue Laurier, Gatineau, QC, K1A 0S8  
Telephone: 873-355 3354  
E-mail address: oscar.garate@tpsgc-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.

### **7.5.2 Technical Authority**

The Technical Authority for the Contract is:

To be filled in at Contract award.

The Technical 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 Technical Authority, however the Technical 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.

### **7.5.3 Procurement Authority**

The Procurement Authority for the Contract is:

To be filled in at Contract award.

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for all matters concerning the administration of the Contract. The Contractor may discuss administrative matters

identified in the Contract with the Procurement Authority; however the Procurement 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.

#### **7.5.4 Contractor's Representative**

To be filled in at Contract award.

### **7.6 Payment**

#### **7.6.1 Basis of Payment**

The Contractor shall be paid in accordance with Annex D – In-Service Support - Basis of Payment.

#### **7.6.2 Limitation of Expenditure**

##### **7.6.2.1 Limitation of Expenditure - Contract**

1. Canada's total liability to the Contractor under the Contract must not exceed (to be filled in at Contract award), Customs duties are subject to exemption and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.
2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
  - a. when it is 75 percent committed, or
  - b. four (4) months before the contract expiry date, or
  - c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work, whichever comes first.
3. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

##### **7.6.2.2 Limitation of Expenditure – Task Authorizations**

The Contractor will be reimbursed for the costs reasonably and properly incurred in the performance of the Work specified in the authorized Task Authorization (TA), as determined in accordance Annex D – In-Service Support - Basis of Payment, to the limitation of expenditure specified in the authorized TA.

Canada's liability to the Contractor under the authorized TA must not exceed the limitation of expenditure specified in the authorized TA. Customs duties are included and Applicable Taxes are extra.

No increase in the liability of Canada or in the price of the Work specified in the authorized TA resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Procurement Authority (if under \$150,000.00 CAD) or Contracting Authority (if over \$150,000.00 CAD) before their incorporation into the Work

**7.6.3 Limitation of Price:**

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.

**7.6.4 Progress Payment****Progress Payment**

1. The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment.

**Each claim must show:**

- a. all information required on form PWGSC-TPSGC 1111;
- b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- c. a list of all expenses;
- d. expenditures plus pro-rated profit or fee;
- e. the description and value of the milestone claimed as detailed in the Contract.

**Each claim must be supported by:**

- a. a copy of time sheets to support the time claimed;
  - b. a copy of the invoices, receipts, vouchers for all direct expenses, travel and living expenses;
  - c. a copy of the monthly progress report.
2. The Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no GST/HST payable as it was claimed and payable under the previous claims for progress payments.
3. The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Procurement Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

The Procurement Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.

4. The Contractor must not submit claims until all work identified in the claim is completed.

**7.6.5 Exchange Rate Fluctuation Adjustment**

C3011T (2013-11-06), Exchange Rate Fluctuation: The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

**7.7 SACC Manual Clauses**

SACC Reference	Section	Date
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C0710C	Time and Contract Price Verification	2007-11-30
C2000C	Taxes – Foreign Based Contractor	2007-11-30
C2604C	Customs Duties, Excise Taxes and Applicable Taxes-Non Resident	2013-04-25
C2608C	Canadian Customs Documentation	2020-07-01
C2610C	Customs Duties - DND – Importer	2007-11-30
H1001C	Multiple Payments	2008-05-12
H1008C	Monthly Payment	2008-05-12

## **7.8 Delivery, Acceptance and Inspection**

### **7.8.1 Addressing**

Address labeling shall be clearly marked on a minimum of two (2) locations on each package. The following shall be observed:

- (a) Complete name of the consignee
- (b) Complete shipping address
- (c) Clear description of contents
- (d) Complete name of the consignee representative

### **7.8.2 Shipping Instructions**

The Contractor must ship the goods prepaid DDP - Delivered Duty Paid to 25 CF Supply Depot, Montreal. Unless otherwise directed, delivery must be made by the most economical means.

### **7.8.3 Packaging**

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification *D-LM-008-036/SF-000*, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items in quantities of one per package

### **7.8.4 Delivery**

The Contractor must deliver the goods to 25 Canadian Forces (CF) Supply Depot by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

25 CFSD Montreal  
6363 Notre Dame ST. E  
Montreal, Quebec H1N 3V9  
Phone: XXXXXXXXXXXX

### **7.8.5 Inspection and Acceptance**

The Technical Authority is the Inspection Authority. All reports, deliverable items, documents and goods rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document or good not be in accordance with the Requirements and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

**7.8.6 Quality Control**

D5515C (2010-01-11) Quality Assurance Authority (DND) - Foreign-based and United States Contractor.

D5510 (2022-05-12) Quality Assurance Authority (DND) - Canadian-Based Contractor

**7.9 Invoicing Instructions****7.9.1 Invoicing Instructions:**

Invoices shall be submitted not more than once a month for R&O Work performed under the Contract as per the following terms and conditions:

The Contractor shall forward the certified invoice as follows:

- (a) One (1) copy of the invoice to:  
Contracting Authority  
Department of Public Works and Government Services  
Defence Communication Division (QD)  
Place du Portage, Phase II, 6A1  
11 Laurier Street  
Gatineau, Québec  
K1A 0S5
- (b) The original and One (1) copy to:  
National Defence Headquarters  
MGen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A 0K2  
Attention: DAP 7-3-6

**Each invoice/claim will show:**

The Contractor shall submit invoices on its own form, and must include the following information:

- (a) The Contract Serial Number;
- (b) The DND Financial Coding as quoted in the DND 626;
- (c) Task authorization requisition number;
- (d) Engineering or technical support classification;
- (e) Rate of payment and number of hours applicable to task (if ceiling price task) or milestone being claimed;
- (f) Cost of materials related to the task; and
- (g) Approved travel and living expenses related to the task;
- (h) Receipts or other supporting documentation as required in the Contract and/or task.

Invoices will be distributed as shown under article 8.1 above.

Canada will only make payment upon receipt of a satisfactory invoice duly supported by specified release documents and any other documents called for under the Contract.

**7.10 Certifications****7.10.1 Compliance**

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

**7.11 Certifications and Additional Information****7.11.1 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.

**7.11.2 Federal Contractors Program for Employment Equity - Default by the Contractor**

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

**7.12 Applicable Laws**

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario, Canada.

**7.13 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 supplemental general conditions 4001 (2015-04-01), Hardware Purchase, Lease and Maintenance;
- (c) the supplemental general conditions 4004 (2013-04-25) Maintenance and Support Services for Licensed Software;
- (d) the supplemental general conditions 4006 (2010-08-16) Contractor to Own Intellectual Property Rights in Foreground Information;
- (e) the general conditions 2010C (2022-12-01), General Conditions - Services (Medium Complexity);
- (f) Annex B, ISS - Statement of Work;
- (i) Annex D, ISS – Basis of Payment;
- (g) the Contractor's bid dated \_\_\_\_\_.



**7.14 Defence Contract**

*SACC Manual* clause A9006C (2012-07-16) Defence Contract

**7.15 SACC Manual Clauses**

A9131C (2014-11-27)	Controlled Goods Program
B4060C (2011-05-16)	Controlled Goods
B4019C (2015-02-25)	United States Military Specifications and Standards
B4061C (2008-05-12)	North Atlantic Treaty Organization Codification - Data Requirements
B7500C (2006-06-16)	Excess Goods
D2000C (2007-11-30)	Marking
D2001C (2007-11-30)	Labeling
D3010C (2014-06-26)	Delivery of Dangerous Goods/Hazardous Products
D3015C (2014-09-25)	Dangerous Goods/Hazardous Products-Labeling and Packaging Compliance
D5540C (2010-08-16)	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)
D5545C (2010-08-16)	ISO 9001:2008 Quality Management Systems - Requirements (QAC C)
D6010C (2007-11-30)	Palletization
D9002C (2007-11-30)	Incomplete Assemblies
K3030C (2010-01-11)	License to Material Subject to Copyright
G1005C (2008-05-12)	Insurance

## **ANNEX A**

### **ACQUISITION – STATEMENT OF WORK**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

## **1 INTRODUCTION**

This Statement of Work (SOW) defines the work required for the production, delivery, and initial support of the Deployable Tactical Data Link (TDL) Ground Entry Station (GES). The Deployable TDL GES is an integral solution that will be implemented and integrated as part of the Tactical Integrated Command Control Communications (TIC3) Air Project to deliver an extended and flexible TDL exchange supporting expeditionary and/or domestic operations. The TDL GES solution will enable the integration of the tactical information into an integrated and cohesive Recognized Air Picture (RAP) in a timely manner. The Deployable TDL GES will equally allow for the improvement of the global situational awareness picture, with advanced air picture fusion and management capabilities, in support of airspace surveillance and air defence operations.

## **2 DELIVERABLES AND SCOPE OF WORK**

The Supplier must deliver the items and services outlined in section 2 of this document in accordance with the Appendix A1 – *System Performance Specifications* (SPS) and the terms stipulated in the section 4 – General Instructions of this document.

### **2.1 System Deliverables**

#### **2.1.1 Deployable TDL GES**

The Supplier must deliver required systems and software for Qty 5 Deployable TDL GES.

### **2.2 Project Management**

#### **2.2.1 General Schedule Requirements**

1. The Supplier must provide the Project Schedule at the Contract Award Meeting.
2. The Project Schedule must be updated at the Monthly Progress Review, and when requested by Canada.
3. The Project Schedule must be base-lined and clearly identify tasks, milestones and critical path.

#### **2.2.2 Project Related Meetings**

1. Kick-off Meeting. The Supplier must conduct a meeting at their facility with Canada within 30 calendar days after contract award to discuss schedule and work, as well as milestones and deliverables.
2. Progress Review Meetings. The Supplier must conduct a Progress Review Meeting (PRM) on a quarterly basis with Canada to provide updates on the project. The PRM, can be held jointly with any other design and technical meetings. The Supplier is not expected to travel for these meetings.
3. Project Close-Out Meeting. The Supplier must host and conduct a Project Close-Out (PCO) meeting with Canada after the last system and subsystems delivery to discuss any outstanding issues and support.
4. Unscheduled Meetings. Other meetings may be requested by the Supplier or Canada when issues arise that need to be solved. Upon agreement between all parties that such a meeting is required, the Supplier must participate in the meeting.

### **2.2.3 Reports**

1. The Supplier must prepare and submit the report for each Project Related Meetings in accordance with CDRL, DID ACQ-PM-001.
2. The Supplier must prepare and deliver a Project Close-out Report in accordance with CDRL and DID ACQ-PM-002.

## **2.3 System Engineering**

### **2.3.1 Preliminary Design Review (PDR)**

1. A PDR must be held to review the conceptual and proposed systems design to meet all requirements in Appendix A1 – *System Specifications* to ensure that the planned technical approach will meet the requirements and that appropriate verification methods are identified.
2. The Supplier must produce a PDR Report in accordance with CDRL and DID ACQ-SE-001.

### **2.3.2 Critical Design Review (CDR)**

1. A CDR must be held to review the detailed design of all requirements in Appendix A1 – *System Specifications* to ensure that the design implementation has met the requirements.
2. The Supplier must prepare and submit the updated System Design Specification (SDS) Document for delivered solution in accordance with CDRL and DID ACQ-SE-002. This must include the following:
  - a. Product description.
  - b. Systems and software Architecture.
  - c. Sub-components Connection Diagram; and
  - d. System Interface Control Document (ICD) of each data communication and processing sub-component.
3. The Supplier must produce a CDR Report in accordance with CDRL and DID ACQ-SE-003.

### **2.3.3 Factory Acceptance Test (FAT)**

1. The Supplier must conduct a FAT and give Canada the option to attend in-person.
2. The Supplier must produce a FAT Plan as per CDRL/DID ACQ-TD-001.
3. The Supplier must produce a FAT Report as per CDRL/DID ACQ-TD-002.

### **2.3.4 System Acceptance Test (SAT)**

1. The SAT must be planned and executed in coordination with Canada.
2. The SAT must be conducted in a live environment
3. The Supplier must produce a SAT Plan as per CDRL/DID ACQ-TD-003.
4. The Supplier must produce a SAT Report as per CDRL/DID ACQ-TD-004.

## **2.4 Integrated Logistics Support (ILS)**

### **2.4.1 ILS Program**

The Supplier must implement and maintain the following ILS requirements for the delivered systems over the duration of the contract:

1. The Supplier must provide the following drawings, associated lists, and catalogue information:
  - a. The information on systems, subsystems and constituent components, including reusable shipping and storage containers supplied by the Supplier that must be held by Canada to support operation, training, and maintenance, must be ready for cataloguing in the DND supply system.
  - b. Where the Equivalent products have already been catalogued under a North Atlantic Treaty Organization (NATO) Stock Number (NSN), the Supplier must provide information which identifies the items to the satisfaction of Canada allowing for CAF adoption of those existing NSNs.
  - c. Where accountable hardware and software items do not already have Unique Item Identifiers (UII), the Supplier must assign and affix UIIs to these items for their codification and cataloguing; and
  - d. The technical documentation provided for the codification and cataloguing must include a Level-1 drawing package which conforms to the standards of D-01-400-001/SG-000, Engineering Drawings Practices.
2. The Supplier must provide technical publications and documentation to enable RCAF maintainers to operate and maintain the delivered systems safely and effectively. These publications and documents must include the following in English (and in French if available):
  - a. Detailed Operating Instructions.
  - b. Operating Limitations.
  - c. Emergency Procedure documentation.
  - d. Maintenance Instructions, supporting manuals and documentation required for preventative and corrective maintenance; and
  - e. ICD for external hardware and software interfaces.

#### **2.4.2 Initial Cadre Training (ICT).**

1. The Supplier must design the Operator and Maintenance courses to explain all operator functions, basic fault finding, and corrective maintenance tasks on the delivered systems.
2. Training Package
  - a. The Training Package must be provided separately for Operator and Maintainer.
  - b. The Supplier must deliver the Training Package and course presentation material in accordance with CDRL and DID ACQ-ILS-001. The training and course materials must be in English (and in French if available).
  - c. The Supplier must submit to the Canada a training package for each course, inclusive of training presentations and Recommended Training Materials List (RTML), no later than 1 month before that course; and
  - d. The RTML must include training material, training aids, and any other Supplier delivered equipment that would be necessary for the conduct of the Operator and Maintainer courses as appropriate.
3. Conduct of Training.
  - a. The Supplier must conduct 2 serials of Operator training for up to 12 RCAF personnel per serial as an initial "Train the trainer" course. This course must be conducted at a location

mutually agreeable to the Canada and the Supplier, no earlier than 4 weeks after the delivery of the systems for the first Deployable TDL GES.

- b. The Supplier must conduct 2 serials of Maintainer training for up to 12 RCAF personnel as an initial “Train the trainer” course. This course must be conducted at a location mutually agreeable to the Canada and the Supplier, no earlier than 4 weeks after the delivery of the systems for the first Deployable TDL GES.

### **3 OPTIONAL DELIVERABLES AND SCOPE OF WORK**

#### **3.1 Optional System Deliverables**

##### **3.1.1 Deployable TDL GES**

The Supplier must allow for the optional purchase of systems and software required for up to quantity 02 FDC Deployable TDL GES.

##### **3.1.2 Systems Integration**

Canada will remain overall responsible for the systems integration and the associated scope of work based on the following support from the Supplier:

1. When tasked, the Supplier must remain responsive and provide the requested support (on-site and off-site) to DND personnel for the integration of delivered systems and software.
2. The Supplier must respond with Price and Schedule, within 10 calendar days of receipt of the request for quote.
3. The Supplier must commence work, within 20 calendar days of receipt of the tasking request. Material lead time and force majeure are exemptions.

#### **3.2 Optional Integrated Logistic Support**

##### **3.2.1 Operator Training**

When tasked, the Supplier must conduct up to Qty 2 serial(s) of Operator training for up to 12 RCAF personnel.

##### **3.2.2 Maintainer Training**

When tasked, the Supplier must conduct up to Qty 2 serial(s) of Maintainer training for 12 RCAF personnel.

### **4 GENERAL INSTRUCTIONS**

#### **4.1 System Deliverables Instruction**

##### **4.1.1 Priority of Delivery**

The systems and subsystems that are subjects of this SOW must be delivered in accordance with the Appendix A5 – *Priorities of Delivery*, and based on the following timelines:

1. Initial Deliverable Capabilities (IDC). Capabilities that must be fully operational and delivered no later than 18 months after the Contract award.
2. Final Deliverable Capabilities (FDC). Capabilities that must be fully operational and delivered no later than 24 months after the Contract award.

#### **4.1.2 System Usage Restriction**

The systems delivered as part of this SOW must not be subject to any restriction on its use by CAF.

#### **4.1.3 Government Furnished Equipment**

Canada will provide GFE as identified in the Specifications attached at, Appendix A4 *Government Furnished Equipment and Materiel*, where needed and requested by the Supplier.

### **4.2 Project Management Instruction**

#### **4.2.1 Meeting Organization**

The following requirements must be applicable for all meetings throughout the execution of the acquisition:

1. Unless specified otherwise, the Supplier must conduct all meetings at Supplier's facility.
2. The Supplier must conduct all meetings in person, unless coordinated otherwise with Canada.
3. All remote meetings will be done using government of Canada conferencing applications.

### **4.3 Cyber Security**

#### **4.3.1 Background**

Canada has a national security plan to respond to a range of national security threats. The national security plan includes ensuring that products meet cyber-security standards that are required for all procured communication equipment and systems.

#### **4.3.2 Fundamental Plan**

At a minimum, the Supplier must provide a Cyber Security Fundamental plan for the Deployable TDL GES which meets the objectives of the following reference:

1. Top 4 Strategies to Mitigate Targeted Cyber Intrusions, Canadian Cyber Incident Response Centre, May 2019, <https://www.publicsafety.gc.ca/cnt/ntnl-scr/cbr-scr/fl/tp-strtg-eng.pdf>.

#### **4.3.3 Common Vulnerabilities**

The Deployable TDL GES must be protected against all known vulnerabilities as those listed in the MITRE Common Vulnerabilities and Exposure (CVE) database (<https://cve.mitre.org/data/downloads/index.html>)

### **4.4 Travel and Living**

#### **4.4.1 Travel Authorization Request**

1. In support of systems integration and additional work requests, the Supplier will be reimbursed its authorized travel and living expenses which must be reasonably and properly incurred in the performance of the task, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive, (<https://www.njc-cnm.gc.ca/directive/travel-voyage/index-eng.php>), and with the other provisions of the directive referring to "travelers", rather than those referring to "employees".

2. All travel authorization request (TAR) must be submitted and approved in advance and in writing by the DND Procurement Authority (PA) prior to making any travel arrangements.
3. The TAR must include the estimate of all travel and living costs in accordance with the paragraph 1 in this Sub-section 4.4.1.

#### **4.4.2 Reimbursement**

1. The Supplier must provide the details of the travel and living expenses with each claim including copies of invoices and remit original receipts to the PA for reimbursement. All travel and living expenses are subject to Government Audit before or after the claim is paid.
2. Travel and Living expenses shall not be reimbursed where the costs are associated with the deliverables in accordance with Section 2.
3. Travel and expenses will be reimbursed in full in support of all other activities in accordance with Section 3.



## **APPENDIX A1**

### **SYSTEM PERFORMANCE SPECIFICATIONS**

DEPLOYABLE DATA LINK GROUND ENTRY STATION

**W8475-235520**

## **1 INTRODUCTION**

This Statement of Work (SOW) defines the work required for the production, delivery, and initial support of the Deployable Tactical Data Link (TDL) Ground Entry Station (GES). The Deployable TDL GES is an integral solution that will be implemented and integrated as part of the Tactical Integrated Command Control Communications (TIC3) Air Project to deliver an extended and flexible TDL exchange supporting expeditionary and/or domestic operations. The TDL GES solution will enable the integration of the tactical information into an integrated and cohesive Recognized Air Picture (RAP) in a timely manner. The Deployable TDL GES will equally allow for the improvement of the global situational awareness picture, with advanced air picture fusion and management capabilities, in support of airspace surveillance and air defense operations.

### **1.1 Background**

To achieve the improvement of both global Situational Awareness (SA) and Command and Control (C2) effectiveness, the Royal Canadian Air Force (RCAF) has updated and continues to modernize its assets to ensure the tactical communication equipment need to be adequate for carrying out the assigned missions and operations. Over the last several years, essential elements and components of this tactical communication equipment and its supporting infrastructure have either exceeded their operational life expectancy, are extremely limited, or are non-existent. To address these deficiencies, the RCAF will upgrade its tactical communication equipment and TDL network.

### **1.2 Overview**

The TIC3 Air Project will provide critical command, control and communications systems that will support the Canadian Armed Forces (CAF) and RCAF in carrying out full spectrum operations.

Regardless of the assigned mission, TIC3 Air Project delivery will enable the chain of command to gain relevant SA, to support the Commander in making effective decisions, and will support RCAF units in responding to the Commander's direction in a timely manner. The Deployable TDL GES is a Link-16 and Link-22 capable C2 system that will be deployed and operated by RCAF deployable units. The Deployable TDL GES will provide the compilation and dissemination of the Local Air Picture (LAP) and Recognized Air Picture (RAP) in support of domestic and expeditionary operations.

## **2 SYSTEM DESCRIPTION**

### **2.1 Systems Definition**

#### **2.1.1 Deployable Ground Entry Station (GES)**

1. Deployable TDL GES; henceforth, referred to as 'Deployable site', is a Link-16 and Link-22 capable C2 system that will be deployed and operated by RCAF deployable units.
2. The Deployable TDL GES will provide the compilation and dissemination of Local Air Picture (LAP) and Recognized Air Picture (RAP) in support of domestic and expeditionary operations.

### **3 SYSTEMS REQUIREMENTS**

#### **3.1 Operational Capabilities**

As part of proposed solution, the following capabilities will need to be implemented and integrated for the delivered Deployable TDL GES:

##### **3.1.1 Network Time Server**

The Network Time Server (NTS) will provide the accurate GPS-based time reference for equipment and time sensitive systems on the local area network (LAN). The NTS will have the following specifications:

1. The NTS must be a self-contained system with the following communication interfaces:
  - a. RJ45 100/1000 Ethernet.
  - b. DB-9 RS-232/422; and
  - c. USB (2.0 or newer version).
2. The NTS must allow for the configuration of the time zone offsets and daylight saving time (DST).
3. The NTS must provide a Web-based or an Ethernet IP-based Simple Network Management Protocol (SNMP) (v3 or later) interface for the configuration, monitoring and control of systems and operational parameters.
4. The NTS should implement the auto-discovery function which allows the remote graphical user interface (GUI) application to establish a connection with the system for configuration, monitoring and control of systems and operational parameters.
5. The NTS must allow for the synchronization of system clock to the external National Marine Electronics Association (NMEA) 0183 compatible Global Positioning System (GPS) through the RS-232/422 interface.
6. The NTS must allow for the reception of the standard 5V at 20mA pulse per second (1-PPS) which is used as the synchronization signal.
7. The NTS must allow for the synchronization of system clock to the Have Quick and 1PPS clock master through the serial interface.
8. The NTS must be equipped with an internal high-stability quartz crystal oscillator which maintains time during loss of external time source within  $\pm 0.15\mu\text{s}$  per day
9. The NTS must act as the time server, supporting NTPv3 and later, which allows networked equipment to synchronize with its internal clock through the system's Ethernet interface.
10. The NTS must provide at least 2 Have Quick time code outputs.
11. The NTS must provide the configurable IRIG A, IRIG B, IRIG E and IRIG G time code outputs.

12. The NTS must provide configurable 5V and 10V into 50Ω synchronization signal (pulse) at a frequency of 1Hz through its 1-PPS outputs.
13. The NTS must allow for the visualization of system status by LEDs display at the front of the unit.
14. The NTS: must comply with following environmental specifications:
  - a. Accept direct current input in the range of 12 to 48 VDC.
  - b. Accept universal 120/240 VAC, 50/60 Hz input.
  - c. Mount in a standard 19" wide rack.
  - d. Mount within a standard 24" deep rack.
  - e. Not exceed 1 rack unit in height.
  - f. Be operable at maximum capacity within the following temperature and humidity range:
    - (i) The ambient temperature from 0 to +50 degrees Celsius; and
    - (ii) Humidity range of from 20 to 80% (non-condensing) range.
  - g. Tolerate, without damage, the following storage temperature and humidity range:
    - (i) Ambient Temperature: From -35 to +65 degrees Celsius; and
    - (ii) Relative Humidity range from 10% to 90% (non-condensing).
15. The NTS must be delivered with a transportation solution that meets the following shock and vibration requirements:
  - a. Comply with MIL-STD-810G Method 514.6, Procedure I (General Vibration).
  - b. Comply with MIL-STD-810G Method 516.6, Procedure I (Functional Shock), IV (Transit Drop) and VI (Bench Handling).

### **3.1.2 Secure Communication Gateway – GFE**

The Secure Communication Gateway (SCG) will provide the data encryption, IP packet filtering and routing services for the Wide Area Network (WAN) communication interface. This capability will allow the Deployable TDL GES to securely exchange tactical information across a secure WAN and the Commercial Internet. The SCG solution is GFE and mainly constituted of the following systems and equipment:

1. The SCG solution will include a National Security Agency (NSA) certified Type 1 Encryption Device (T1ED) which is recognized and widely used within Defense network. The T1ED is GFE.
2. The SCG solution will include a Cisco ISR 4331 (or equivalent) as the WAN entry router (WER) (as known as Black Router).
3. The SCG solution will include a Cisco ISR 4331 (or equivalent) as the local traffic router (LTR) (as known as Red Router).

4. The SCG solution will also include data and network cables, communication equipment and ancillaries that are required for the operation.
5. The SCG solution will be mounted in a government furnished transportable case.

### **3.1.3 Link-16 Gateway – GFE**

1. The Link-16 Gateway (L16GW) will enable the deployable unit to participate and exchange tactical data, command control (C2) information on Link-16 network. The L16GW solution is provided as GFE and is mainly constituted of the following systems and equipment:
2. The L16GW will include a MIDS JTRS with the following ancillaries and supporting equipment:
  - a. A Cooling Tray with power adapter for use with a universal power source 120/240VAC, 50/60Hz;
  - b. A Power Supply with integrated converter that is compatible with universal power source 120/240VAC, 50/60Hz;
  - c. RF cables and RF ports adapters as required;
  - d. Link-16 Notch Filter;
  - e. All required interface cables and ancillaries.
3. The L16GW will include an L-Band high gain antenna and a retractable mast.
4. The L16GW will include the Host Platform Conversion (HPC) system with integrated Ethernet/MIL-STD 1553 Interface Adapter.
5. The L16GW will include the MIDS JTRS Control Panel with the Ethernet IP-based tactical and control host interfaces integrated.
6. The L16GW will include the terminal configuration, monitoring and control application.
7. The L16GW will include all materiel and adapters required for the installation of MIDS JTRS, Control Panel, Fan Tray, Power Supply and HPC system.
8. The L16GW will be mounted in a government furnished transportable case.

### **3.1.4 Airspace Management Suite – GSM**

1. The Airspace Management Suite (ASMS) is a software-based solution for airspace monitoring and management.
2. The ASMS is provided as government supplied materiel (GSM) with following main functionalities:
  - a. Local radar tracks processing and dispatching.
  - b. Recognized Air Picture (RAP) compilation and sharing.
  - c. Tactical airspace monitoring and management.
  - d. Friendly air assets control and Air-Ground operation support.

- e. Multiple Data Link processing and forwarding.

### **3.1.5 Link-22 Gateway**

The Link-22 Gateway (L22GW) will enable tactical data exchange beyond line of sight (BLOS), and provide the Deployable unit a secure and extended communication range over the air without a relay node requirement. The L22GW will give the deployed unit the flexibility of establishing the communication with other military Link-22 capable units (Air, Surface, Subsurface, and Ground-based) while operating outside of Link-16 network coverage. The L22GW must implement the following requirements:

1. Link-22 Media. The Link-22 High Frequency (HF) and Ultra-High Frequency (UHF) radios will accommodate both BLOS and line of sight (LOS) communication requirements. Both radios are capable to operate in Fixed Frequency (FF) and in Electronic Protection Measures (EPM) modes.
  - a. The L22GW must provide and integrate a STANAG 4539 and STANAG 4444 compliant HF radio into the implemented solution to enable the BLOS communication. The provided HF radio must have equivalent or better specifications as Reference 4.1 in this document.
  - b. The L22GW must provide and integrate a STANAG 4205 and STANAG 4372 Annex B – Chapter V compliant UHF radio into the implemented solution to support the LOS communication. The provided UHF radio must have equivalent or better specifications as Reference 4.2 of this document.
  - c. The L22GW must provide and integrate all RF filters, RF port adapters that are required to operate the provided HF and UHF radios.
  - d. The L22GW must provide and integrate all power adapters, data communication cables, support equipment and ancillaries that are required to operate the provided HF and UHF radios.
2. Signal Processing Controller (SPC). The SPC provides the error detection and correction, signal modulation/demodulation, and transmission security (TRANSEC). The SPC can be configured to support 1 Link-22 HF FF/EPM radio and 1 UHF FF/EPM radio simultaneously.
  - a. The L22GW must provide and integrate the SPC into the implemented solution. The provided SPC must be compliant with Segment Specification for Signaling Processing Controller (SPC SS) Appendix A and D as well as the Interface Requirement Specification (IRS) for the LINK-22 Modernized Link Level COMSEC (LLC 7M) Segment of the Link 22 (NILE) System (LLC IRS) as applicable. The SPC must be compatible with the provided HF and UHF radios.
  - b. The L22GW must provide and integrate all power adapters, data communication cables, support equipment and ancillaries that are required to operate the SPC.
3. Link-22 Modernized Link Level COMSEC (LLC 7M). The LLC 7M is the small form factor Link-22 COMSEC device which is developed by the USA and only available through the USA's FMS program. The LLC is built with a single encryption/decryption channel and up to 4

independent serial ports (Black) to handle the SPC/radio configuration and monitoring. The LLC 7M will be provided as GFE.

- a. The L22GW must integrate the LLC 7M into the implemented solution.
  - b. The L22GW must integrate all power adapters, data communication cables, support equipment and ancillaries that are required to operate the LLC 7M.
4. System Network Controller (SNC). The SNC provides the Network and Transport layers for Link 22, and is therefore responsible for packing tactical and technical messages for onward transmission and delivery to the designated addressee(s). The SNC also allow for the configuration, monitoring and management of the Link-22 networks and super network. The SNC will be provided as Government Supplied Materiel (GSM).
- a. The L22GW must integrate the SNC into the implemented solution.
  - b. The L22GW must integrate all communication interface adapters, data cables, support equipment and ancillaries that are required to operate the SNC.
5. Time of Day (TOD). The TOD solution provides the accurate GPS-based time reference for the NILE Communication Equipment (NCE) and time sensitive systems. The NTS must be used as the TOD solution to meet the following synchronization requirements:
- a. The TOD must provide the one-way Coordinated Universal Time (UTC) reference input with a precision within  $\pm 0.5\text{ms}$  to the SPC through the STANAG 4430 compliant interface.
  - b. The TOD must provide the one-way UTC reference input with a precision within  $\pm 0.5\text{ms}$  to the UHF EPM media through the STANAG 4430 compliant interface.
  - c. The TOD must provide the UTC reference with a precision within  $\pm 50\text{ms}$  to the SNC through the government furnished TOD interface application which is accepting either STANAG 4430 compliant time input or a NTP broadcast.
  - d. The TOD must provide the UTC reference with a precision within  $\pm 200\text{ms}$  to the DLP and networked systems through the NTPv3 interface.
  - e. The L22GW must include all communication interface adapters, data cables, networking equipment and ancillaries that are required to operate the TOD.
6. Data Link Processor (DLP). The DLP provides the functionalities supporting the configuration of Link-22 communication equipment, tactical messages reception, processing, transmission and forwarding. The implementation of DLP will have the following specifications:
- a. The DLP must be a software based solution running on one of the following Operating System (OS) environments (Virtual Machine is acceptable):
    - (i) Microsoft Windows 10 Enterprise and the latest version of Microsoft Windows;
    - (ii) Microsoft Windows Server® 2012 R2 and latest version of Microsoft Windows Server®; and

- (iii) Red Hat® Enterprise Linux (RHEL) 8 and latest version of RHEL.
- b. The DLP must implement all tactical functionalities supporting Link-22 in accordance with, unless otherwise specified, the latest edition of STANAG 5522 / ATDLP-5.22, SNC Segment Specification (SNC SS), SPC SS and LLC IRS as applicable.
- c. The DLP must provide a map-based Graphical User Interface (GUI) with no view plane restrictions (global view) for system configuration and monitoring.
- d. The DLP must provide a map-based GUI for system operation.
- e. The DLP must allow the operator to configure the following coordinate systems which are used for the display of the entities on the map:
  - (i) Military Grid Reference System (MGRS) using World Geodetic System 1984 (WGS-84); and
  - (ii) Latitude/Longitude using WGS-84.
- f. Tactical Data Processor (TDP) Command Control (C2) Interface. The DLP must allow for exchange of Link-22 tactical messages with a TDP C2 application and remote system through an Ethernet IP-based network and in accordance with the following specifications:
  - (i) The DLP must implement the Standard Interface for Multiple Links Evaluation (SIMPLE) protocol in accordance with STANAG 5602.
  - (ii) The DLP must allow for establishing the SIMPLE link with a TDP C2 application and/or remote system, using the following Ethernet IP-based communication methods:
    - a. TCP/IP Server; and
    - b. TCP/IP Client.
  - (iii) The DLP must allow for the exchange of Link-22 tactical messages with TDP C2 systems through a SIMPLE link in accordance with STANAG 5602.
  - (iv) The DLP must allow for enabling and disabling Link-22 tactical messages transmission and reception through the SIMPLE interface.
- g. Data Input Initialization. The DLP must provide an interface which allow for the initialization of operational parameters.
  - (i) The DLP should be able to receive the OPTASK Link Message (OLM) through a secure Ethernet IP-based communication interface, and store it in a selected local and network folder.
  - (ii) The DLP must allow the operator to configure the Link-22 address and own unit position using either MGRS or Latitude/Longitude (using WGS-84 format).
  - (iii) The DLP must allow the operator to select the LLC/SPC for each network.



- (iv) The DLP must allow the operator to set the frequencies and transmission power of SPC/Radio.
  - (v) The DLP must allow for the extraction and modification of information from an OLM stored in a specified local and network folder, for Link-22 systems and network initialization.
  - (vi) The DLP must allow the operator to supply, through the GUI and system interface, all information required for NCE and Link-22 network initialization.
- h. The DLP must implement the interface with SNC in accordance with the *Interface Design Description for the Data Link Processing Segment and the System Network Controller* (DLP-SNC IDD), to support all required operations through both Tactical Function Interface and Control and Status Interface.
- i. The DLP must allow the operator to operate on 2 Link-22 networks simultaneously.
- j. Systems Initialization. The DLP must allow for the NCE initialization through the SNC Control and Status Interface with, but not limited to, the following operations:
- (i) The DLP must implement all required logic, messages and functions that enable the SNC initialization.
  - (ii) The DLP must implement all required logic, messages and functions that enable the LLC configuration.
  - (iii) The DLP must implement all required logic, messages and functions that enable the SN Directory initialization and/or update.
- k. Network Initialization. The DLP must allow for the Link-22 network initialization, only after the NCE initialization completed, through the SNC Control and Status Interface with, but not limited to, the following operations:
- (i) The DLP must implement all required logic, messages and functions that enable the Short Network Initialization either by using the Network Cycle Structure (NCS) defined in the OLM or by calculating the NCS based on the Super Network (SN) parameters provided in the OLM.
  - (ii) The DLP must implement all required logic, messages and functions that enable the SPC configuration through the attached LLC.
  - (iii) The DLP must allow for the automatic update of Operational Start Time (OST) in accordance with the '12 hours' rule when the initialization occurs after the planned OST.
  - (iv) The DLP must implement all required logic, messages and functions that allow for the Probing Network Initialization.
  - (v) The DLP must allow the operator to change the input parameters and initiate a new computation of Operational NCS (ONCS).

- (vi) The DLP must implement the following Late Network Entry (LNE) protocols which allow the operator to initiate the network entry in one of the following situations:
  - (1.) Inactive Join – Unit is currently not an active member on any NILE Network.
  - (2.) Active Join – Unit is already an active member of at least one other NILE Network.
  - (3.) Silent Join – Unit is currently not an active member of any NILE Network and wants to listen to the network without performing any transmission.
- I. Systems Management & Monitoring. The DLP must allow for the NCE monitoring and management through the SNC Control and Status Interface with, but not limited to, the following operations:
  - (i) DLP must allow for the operator to change the radio transmission power of a specific radio.
  - (ii) DLP must allow for the operator to activate and deactivate Radio Silence on a specific network, or in the entire SN.
  - (iii) DLP must allow for receiving and displaying the periodic update of all statistical information from the SNC.
  - (iv) DLP must allow the operator to initiate a request and visualize the management information, including but not limited to the following:
    - (1.) Connectivity Data;
    - (2.) Link Participants;
    - (3.) Media Parameters;
    - (4.) Queued Messages;
    - (5.) SN Directory Updates;
    - (6.) Network Information;
    - (7.) Congestion Indexes;
    - (8.) Capabilities; and
    - (9.) Control & Status Messages.
  - (v) DLP should allow the operator to initiate the command to zeroize the LLC. The execution result should be displayed.
- m. Network Management. DLP must implement all required logic, messages, protocols and functions that allow the operator to take the role of Network Management Unit (NMU), and perform network management functionalities, including but not limited to the following:
  - (i) Network Performance Monitoring;

- (ii) NMU Role Management;
  - (iii) Network Parameters Management;
  - (iv) LNE Support;
  - (v) Radio Power Management; and
  - (vi) Network Radio Silence.
- n. Super Network Management. DLP should implement all required logic, messages, protocols and functions that allow the operator to take the role of Super Network Management Unit (SNMU), and perform the following operations accordingly:
- (i) SNMU Role Management;
  - (ii) Mission Area Sub Network (MASN) Management;
  - (iii) Crypto Key Management;
  - (iv) New Network Creation;
  - (v) Address Management;
  - (vi) LNE Support;
  - (vii) Status Management;
  - (viii) Relay Setting Management;
  - (ix) Super Network Parameter Distribution; and
  - (x) Super Network Radio Silence.
- o. Tactical Operation. DLP must allow for the processing and exchange of tactical information on Link-22 through the SNC Tactical Functional Interface by implementing the following requirements:
- (i) DLP must implement all required logic, messages, protocols and functions that allow for the transmission, reception and processing of all Link-22 tactical messages required for the following functional areas in accordance with the latest edition of STANAG 5522 / ATDLP-5.22 and its Appendix 1 to Annex B – Minimum Implementation:
    - (1.) Participant Location and Identification (PLI);
    - (2.) Air Surveillance;
    - (3.) Surface (Maritime) Surveillance; and
    - (4.) Subsurface (Maritime) Surveillance.
  - (ii) DLP should implement all required logic, messages, protocols and functions that allow for the transmission, reception and processing of all Link-22 tactical messages required for the following functional areas in accordance with the

latest edition of STANAG 5522 / ATDLP-5.22 and its Appendix 1 to Annex B – Minimum Implementation:

- (1.) Land (Ground) Surveillance;
  - (2.) Electronic Warfare (EW);
  - (3.) Track/Point Amplification;
  - (4.) Weapons Coordination and Management;
  - (5.) Information Management; and
  - (6.) Space Surveillance.
- (iii) DLP must allow for the configuration of the following transmission's Quality of Service (QoS) parameters for each tactical message type:
- (1.) Priority (from 1 to 4, 1 is the highest);
  - (2.) Reliability (Standard, High, Guaranteed);
  - (3.) Perishability; and
  - (4.) Indicator Flags (Priority Injection, Radio Silence Override).
- (iv) DLP must allow for controlling the transmission of tactical messages based on, but not limited to, the following:
- (1.) Message type;
  - (2.) Source/Originator; and
  - (3.) Geographic Area.
- (v) The DLP must allow for controlling the transmission of tactical messages, based on configured filtering parameters, on each individual Link-22 network interface.
- (vi) The DLP must allow for enabling and disabling the transmission and reception of tactical messages on each individual Link-22 network interface.
- (vii) The DLP must process and transmit Link-22 tactical messages received from connected TDP C2 systems onto the Link-22 network.
- (viii) The DLP must process and transmit Link-22 tactical messages received from Link-22 network to connected TDP C2 systems.
- (ix) The DLP must allow for controlling the transmission of system tracks (tracks received on the SIMPLE interface) based on, but not limited to, the following:
- (1.) Track Environment/Category;
  - (2.) Track Identity;
  - (3.) Track Source/Originator; and
  - (4.) Geographic Area.

- (x) The DLP must allow for controlling the transmission of system tracks, based on configured filtering parameters, on each individual Link-22 network interface.
- (xi) DLP must implement Link-22 tactical functions, including but not limited to, track management, correlation, reporting responsibility and conflict resolution, for PLI and system tracks report on Link-22 network in accordance with the latest edition of STANAG 5522 / ATDLP-5.22.
- (xii) DLP must allow for the operator to enable and disable the transmission of tracks received from a SIMPLE interface without processing through the track management, correlation, report responsibility and conflict resolution functions.
- (xiii) The DLP should implement the procedures for the Change Data Order (CDO) of a track on a Link-22 network in accordance with the latest edition of STANAG 5522 / ATDLP-5.22.
- (xiv) The DLP must maintain and manage a local track database with configurable data persistency for tracks and bearing lines.

## **3.2 System Integration**

### **3.2.1 Deployable TDL GES**

The delivered solution needs to implement and integrate the following operational capabilities and functionalities:

1. Deployable TDL GES must integrate the following:
  - a. The government furnished Airspace Management Suite (ASMS) capability.
  - b. A suitable workstation or laptop which is provided as GFE for ASMS operation.
  - c. The Secure Communication Gateway (SCG) capability requirements.
  - d. The government furnished Link-16 Gateway (L16GW) capability.
2. Deployable TDL GES must provide and integrate a suitable laptop which for the DLP/SNC operation.
3. Deployable TDL GES must implement and integrate the Network Time Server (NTS) capability requirements for L16GW.
4. Deployable TDL GES must implement and integrate the Link-22 Gateway (L22GW) capability requirements.
5. Deployable TDL GES must include materiel, electric and data cables, networking equipment and ancillaries that are required for the integration and operation of implementing capabilities and functionalities.
6. The L22GW equipment (except laptop, RF cables, antenna masts and antennas) must be mounted in a 2-man lift ruggedized and transportable case ("L22GW Kit").

7. The L22GW Kit must meet the following packaging specifications (multiple transportation cases are acceptable):
  - a. The total stackable package size must not exceed: 26.5"(L) x 26.5"(H) x 26.5"(D);
  - b. The total weight must not be more than 60 kilograms.
  - c. Have four side handles for 2-man carrying.
  - d. Comply with MIL-STD-810G Method 514.6, Procedure I (General Vibration).
  - e. Comply with MIL-STD-810G Method 516.6, Procedure I (Functional Shock), IV (Transit Drop) and VI (Bench Handling).
  - f. Comply with the ingress protection IP52 rating during transportation and storage.

### **3.3 Readiness of the Delivered Subsystems and Components**

All components of the proposed solution for Deployable TDL GES should be proven, integrated and ready to achieve operational state with minimal Engineering or Developmental effort.

## **4 REFERENCES**

### **4.1 Link 22 HF Radio Specification**

The Link 22 HF radio is a software defined radio which is enabling the capability extension and new waveforms support through the software update.

#### **4.1.1 RF Transceiver Characteristics**

1. Frequency range: 1.5 MHz to 30 MHz
2. Transmission power: 120 W  $\pm$  10%
3. Transmission pattern: FF and EPM (EECM).
4. Waveforms: supporting most waveforms specified in NATO HF House, including STANAG 4415, STANAG 4539, STANAG 4285, STANAG 4529, MIL-STD188-110B App. C/D/F, MIL-STD 188-110D and EPM waveforms (ex: STANAG 4444).
5. Receiver with high desensitization and cross-modulation immunity.
6. Receiver's third-order intercept (IP3) is greater than 40dBm.
7. Integrable with external Link 22 compatible modem (SPC).

#### **4.1.2 Features**

1. NATO HF House compliant.
2. STANAG 5066, STANAG 4538 compliant Subnetwork Service Interface.
3. Ethernet IP based communication interface with host system.

4. STANAG 4538 compliant low-latency data link (LDL) and high-throughput data link (HDL) protocol.
5. MIL-STD 188-141D App. G and H compliant.
6. Auto-select waveform and LDL/HDL protocol for optimum data throughput.
7. Secure digital data with fixed frequency communication.
8. Support Power-on built-in test, Continuous built-in test and initiated built-in test.

#### **4.1.3 User Interface**

1. Integrated graphical display interface (GUI).
2. Per function group structured menus.
3. Preconfigurable menus.
4. Readable GUI under sun light.
5. User authentication required for advanced configuration.

#### **4.1.4 Environmental parameters**

1. Standard 19" rack mountable.
2. MIL-STD-810F compliant operating temperature, vibration, and shock resistance.
3. MIL-STD-461E compliant Electromagnetic Compatibility.
4. Ruggedized enclosure with a splashproof IP32 front panel.
5. Operable on 28 VDC.
6. Integrated Power Supply Unit (PSU) that accepts 110/230 VAC 50/60Hz input.

### **4.2 Link 22 UHF Radio Specification**

The Link 22 UHF radio is a software defined radio which is enabling the capability extension and new waveforms support through the software update.

#### **4.2.1 RF Transceiver Characteristics**

1. Frequency range: 225 MHz to 400 MHz
2. Transmission power: 100 W  $\pm$  5%
3. Transmission pattern: FF and EPM (ECCM)
4. Waveforms: supporting NATO approved FF waveforms (STANAG 4205) and EPM waveforms such as HAVE QUICK II and SATURN.
5. Receiver with high RF large-signal immunity.
6. Integrable with external Link 22 SPC.
7. Integrated VHF band bypass allows for reducing intermodulation products.
8. Integrated RF decoupler (filter) allows for minimizing interference.

#### **4.2.2 Features**

1. Integrable with external LLC 7M.
2. Remote key and configuration data loading.
3. Link 22 method compatible.
4. Integrated highly precise and stable clocking source (OCXO)
5. Ethernet IP based communication interface with host system.
6. Support voice and remote control over IP interface.
7. Support Power-on built-in test, Continuous built-in test and initiated built-in test.
8. Software-controlled cooling fan

#### **4.2.3 User Interface**

1. Integrated graphical display interface (GUI).
2. Per function group structured menus.
3. Preconfigurable menus.
4. Readable GUI under sun light.
5. User authentication required for advanced configuration.

#### **4.2.4 Environmental parameters**

1. Standard 19" rack mountable.
2. MIL-STD-810F compliant operating temperature, vibration, and shock resistance.
3. MIL-STD-461E compliant Electromagnetic Compatibility.
4. Ruggedized enclosure with a splashproof IP32 front panel.
5. Operable on 28 VDC.
6. Integrated Power Supply Unit (PSU) that accepts 110/230 VAC 50/60Hz input.



## **APPENDIX A2**

### **CONTRACT DATA REQUIREMENT LIST**

DEPLOYABLE DATA LINK GROUND ENTRY STATION

**W8475-235520**

## Contract Data Requirements List (CDRL) Table Definitions

The following section defines each column found on the CDRL forms:

### CDRL NUMBER

The Contract Data Requirements List (CDRL) number, consisting of a sequential three-digit number and prefixed with an abbreviation code, to uniquely identify the CDRL. The abbreviation codes used for the prefix are based on subject areas and are as follows:

PM	Project Management
PP	Project Plan
SE	Systems Engineering
TD	Test and Delivery

The CDRL number is further prefixed with an abbreviation code of where the contract deliverable originates from. The abbreviation codes are as follows:

ACQ	Acquisition Statement of Work (SOW)
ILS	Integrated Logistics Support (ILS)

An example CDRL number would be as follows: ACQ-PM-001

### TITLE

The title of the contract deliverable being referred to.

### REFERENCE

The specific paragraph number of the Contract Demand, Statement of Work, Request for Proposal, Specification, or other applicable document to assist in identifying the originating location of the contract deliverable.

### APPROVAL CODE (APP CODE)

Indicates items of critical data requiring specific advanced written approval, such as test plans, identified by placing an "A" in this field. These data may require submission of a preliminary draft prior to publication of a final document. When a preliminary draft is required, the "Remarks" section must show the length of time for Government approval/disapproval and when final is to be delivered. The "Remarks" section also indicates the extent of the approval requirements, e.g., approval of technical content and/or format.

If advance approval is not required, this block is marked as "N/A".

### FREQUENCY

This block indicates the frequency of the delivered data. The following frequency codes are used:

ANNLY	Annually
ASGEN	As generated
ASREQ	As required
BI-MO	Every 2 months
BI-WK	Every 2 weeks

DAILY	Daily
MNTHY	Monthly
ONE/R	One time with revisions
TWO/R	Two times with revisions
THREE/R	Three times with revisions
OTIME	One time
QRTLY	Quarterly
R/ASR	Revisions as required
SEMIA	Semi-annually
WKLY	Weekly

#### **AS OF DATE**

For contract deliverables that are submitted only once, the "as of" date or associated constraint is indicated. The following abbreviations are used for the constraints:

ASGEN	As generated
ASREQ	As required
DACA	Days after contract award
MACA	Months after contract award
DAKOM	Days after kick-off meeting
DARC	Days after receipt of comments
EOM	End of month
EOQ	End of quarter

If the as-of date is not applicable, leave this block blank.

#### **SUBMISSION DATE**

The initial submission date or associated constraint for the 1<sup>st</sup> submission of the contract deliverable is indicated in this block using typical abbreviations as listed above under "As of Date".

#### **DATE OF SUBSEQUENT SUBMISSION**

The date(s) of subsequent submission(s) or associated constraint(s) of the contract deliverable is indicated this block. The abbreviations used for the constraints are as listed above under "As of Date". If no subsequent submission or associated are not involved, this block is left blank.

#### **MEDIA & QUANTITY**

Indicates the total number of copies (hard copies and soft copies separately) required for both the original submission and for the final submission. If the project has been identified as a Green Procurement project and as such all deliverables will be communicated by using electronic means.

#### **REMARKS**

Provides additional or clarifying information.

CDRL NUMBER	TITLE	SOW REFERENCE	APP CODE	FREQUENCY	AS OF DATE	SUBMISSION DATE	DATE OF SUBSEQUENT SUBMISSION	MEDIA & QUANTITY	REMARKS
ACQ-PM-001	Meeting Report	2.2.3.	A	ASREQ/R	ASREQ	ASREQ	Project Meeting	Electronic Transmission; e.g., e-mail or drop box	Meeting minutes must be submitted no later than 10 working days after each meeting.
ACQ-PM-002	Project Close-out Report	2.2.3	A	ASGEN/R		ASGEN	PCO Meeting	Electronic Transmission; e.g., e-mail or drop box	Must be submitted for review no later than 10 working days before meeting.
ACQ-SE-001	PDR Report	2.3.1	A	ONCE/R		ASGEN	PDR	Electronic Transmission; e.g., e-mail	Must be submitted for review no later than 5 working days after applicable meeting.
ACQ-SE-002	System Design Specification (SDS) Document	2.3.2	A	ONE/R		ASGEN	SAT	Electronic Transmission; e.g., e-mail or drop box	Must be submitted for review no later than 10 working days before applicable meeting.

CDRL NUMBER	TITLE	SOW REFERENCE	APP CODE	FREQUENCY	AS OF DATE	SUBMISSION DATE	DATE OF SUBSEQUENT SUBMISSION	MEDIA & QUANTITY	REMARKS
ACQ-SE-003	CDR Report	2.3.2	A	ONCE/R		ASGEN	CDR	Electronic Transmission; e.g., e-mail	Must be submitted for review no later than 5 working days after applicable meeting.
ACQ-TD-001	Factory Acceptance Test (FAT) Plan	2.3.3	A	ASGEN/R		ASGEN	FAT	Electronic Transmission; e.g., e-mail	Must be submitted for review no later than 10 working days before applicable meeting.
ACQ-TD-002	Factory Acceptance Test (FAT) Report	2.3.3	A	ASGEN/R		ASGEN		Electronic Transmission; e.g., e-mail	Must be submitted for review no later than 10 working days after the event.
ACQ-TD-003	System Acceptance Test (SAT) Plan	2.3.4.	A	ONE/R		ASGEN	SAT	Electronic Transmission; e.g., e-mail or drop box	Must be submitted for review no later than 10 working days before

CDRL NUMBER	TITLE	SOW REFERENCE	APP CODE	FREQUENCY	AS OF DATE	SUBMISSION DATE	DATE OF SUBSEQUENT SUBMISSION	MEDIA & QUANTITY	REMARKS
									applicable meeting.
ACQ-TD-004	System Acceptance Test (SAT) Report	2.3.4.	A	ONE/R		ASGEN		Electronic Transmission; e.g., e-mail or drop box	Must be submitted for review no later than 10 working days after the event.
ACQ-ILS-001	Training Package	2.4.2	A	ASGEN/R		ASGEN		Electronic Transmission; e.g., e-mail or drop box	Must be submitted for review no later than 20 working days before the event.

## **APPENDIX A3**

### **DATA ITEM DESCRIPTION**

DEPLOYABLE DATA LINK GROUND ENTRY STATION

**W8475-235520**

## Deployable TDL GES Data Item Description (DID)

### Data Item Description (DID) Form Definitions

*The following section defines the various blocks of information found on the Data Item Description (DID) forms:*

Block Number	Name	Definition
1	TITLE	<i>The title of the data item for the DID</i>
2	IDENTIFICATION NUMBER	<i>The Data Item Description (DID) number is the same as the CDRL number</i>
3	DESCRIPTION	<i>Provides a general description of the data content requirements.</i>
4	APPROVAL DATE	<i>Indicates the date of the originator's approval of the DID.</i>
5	OFFICE OF PRIMARY INTEREST (OPI)	<i>The office of primary interest for the review, acceptance and/or approval of the data item</i>
6	OFFICE OF COLLATERAL INTEREST	<i>The office of collateral interest for the review, acceptance and/or approval of the data item.</i>
7	APPLICATION / INTERRELATIONSHIPS	<i>Provides the application details and Inter Relationship of the data item to other DIDs or documents.</i>
8	ORIGINATOR	<i>Indicates the originator's office responsible for the DID.</i>
9	REFERENCES	<i>Lists the references for of the data item.</i>
10	PREPARATION INSTRUCTIONS	<i>Provides the preparation instructions, including format and content requirements for the data.</i>



## DID ACQ-PM-001: Meeting Report

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Meeting Report		<b>2. IDENTIFICATION NUMBER</b> ACQ-PM-001
<b>3. DESCRIPTION</b> The Meeting Report must record significant discussion, actions, decisions, and all pertinent information necessary to provide a complete and accurate record of the proceedings.		
<b>4. APPROVAL DATE</b> No later than 10 working days after each meeting.	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. GIDEP APPLICABLE</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.2.3. <i>Reports</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b>  <b>10.1 Format</b> <ol style="list-style-type: none"><li>1. The Meeting Report must be prepared in the Supplier's format.</li><li>2. The format of the first report submitted must be subject to approval by the Project Authority, and once approved, must become the standard for future reports.</li><li>3. Minutes and associated meeting deliverables are not final versions until formally accepted by the Project Authority.</li></ol> <b>10.2 Content</b> <ol style="list-style-type: none"><li>1. The minutes must include the following information:<ol style="list-style-type: none"><li>a. A copy of the approved agenda;</li><li>b. A list of all attendees detailing appointment and title;</li><li>c. A record of discussion of all items tabled and action taken;</li><li>d. Specific identification of action items arising from discussions, including the name and appointment of each person required to take action on outstanding items and a scheduled time for response;</li><li>e. The proposed date, time and location of any follow-up meeting;</li><li>f. Signature blocks for both Supplier and Government responsible representatives;</li><li>g. Copies of all data and information tabled at the meeting appended to the minutes; and</li><li>h. The Meeting Minutes must include a disclaimer that the minutes are a record of discussions only and do not constitute approval for contractual changes.</li></ol></li></ol> <b>10.3 Additional Information</b> <p>The minutes must include any general information that aids in understanding and define any terms and acronyms used.</p>		

## DID ACQ-PM-002: Project Close-Out Report

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Project Close-Out (PCO) Report		<b>2. IDENTIFICATION NUMBER</b> ACQ-PM-002
<b>3. DESCRIPTION</b> The purpose of this report is to provide the Project Authority with the overall status of the delivered systems, outstanding issues and the recommendation to resolve each observation made. The PCO Report enable the Technical Authority to assess the required service and support for delivered systems and subsystems.		
<b>4. APPROVAL DATE</b> At least 10 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work, section 2.2.3. <i>Report</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL	<b>9. APPLICABLE FORMS</b> N/A	
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> 1. The PCO report must be prepared in Supplier's format. <b>10.2 Content</b> 1. The PCO report documents all outstanding issues related to the delivered systems and subsystems for Deployable TDL GES solution in accordance with the SPS documentation. 2. The Report includes recommended deviation if any, and/or trade-off, and/or risk resolution approach that should be done to support the Deployable TDL GES operation. <b>10.3 Additional Information</b> The report must include any general information that aids in understanding and define any terms and acronyms used in the report.		

## DID ACQ-SE-001: Preliminary Design Review (PDR) Report

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Preliminary Design Review (PDR) Report		<b>2. IDENTIFICATION NUMBER</b> ACQ-SE-001
<b>3. DESCRIPTION</b> The purpose of this report is to provide the Project Authority with the Supplier's response to resolve each observation made before or during the Preliminary Design Review (PDR).		
<b>4. APPROVAL DATE</b> At least 5 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.1. <i>Preliminary Design Review</i> Appendix A1 – <i>Systems Performance Specifications</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The <i>PDR</i> Report must be prepared in the Supplier's format. <b>10.2 Content</b> <ol style="list-style-type: none"><li>The report must include the following for each observation:<ol style="list-style-type: none"><li>A detailed description of the observation;</li><li>A reference to the origin of the observation;</li><li>Steps taken to address the observation; and</li><li>Steps planned to resolve the observation.</li></ol></li></ol> <b>10.3 Additional Information</b> The report must include any general information that aids in understanding and define any terms and acronyms used.		

## DID ACQ-SE-002: Deployable TDL GES SDS

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Deployable Tactical Data Link (TDL) Ground Entry Station (GES) System Design Specifications (SDS)		<b>2. IDENTIFICATION NUMBER</b> ACQ-SE-002
<b>3. DESCRIPTION</b> The purpose of this deliverable is to provide the Project Authority with the Deployable TDL GES System Design Specifications (SDS) Document.		
<b>4. APPROVAL DATE</b> At least 5 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.2.2 <i>System Design Specifications</i> Appendix A1 – <i>Systems Performance Specifications</i>		
<b>8. ORIGINATOR:</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS:</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The System Design Specifications (SDS) document must be prepared in the Supplier's format. <b>10.2 Content</b> <ol style="list-style-type: none"><li>At a high level the SDS includes description, design and specifications of Deployable TDL GES. Furthermore, the SDS must describe, where applicable, the interface and inter-connectivity, including but not limited to the following:<ol style="list-style-type: none"><li>Systems network architecture</li><li>Sub-components connection diagram</li><li>Systems network and communication interface description</li></ol></li><li>The System Design Specifications must describe the total system and map to DND specifications and include following information:<ol style="list-style-type: none"><li>Description of the system;</li><li>Performance and design requirements of the system;</li><li>Design constraints;</li><li>Safety goals for the design;</li><li>Reliability and maintainability requirements of the system;</li><li>Environmental requirements of the system; and</li><li>Use of any Government Supplied Material (GSM) in the design.</li></ol></li></ol> <b>10.3 Additional Information</b> The report must include any general information that aids in understanding and define any terms and acronyms used.		

## DID ACQ-SE-003: Critical Design Review (CDR) Report

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Critical Design Review (CDR) Report		<b>2. IDENTIFICATION NUMBER</b> ACQ-SE-003
<b>3. DESCRIPTION</b> The purpose of this report is to provide the Project Authority with the Supplier's response to resolve each observation made before or during the Critical Design Review (CDR).		
<b>4. APPROVAL DATE</b> At least 5 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.2. <i>Critical Design Review</i> Appendix A1 – <i>Systems Performance Specifications</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The CDR Report must be prepared in the Supplier's format. <b>10.2 Content</b> <ol style="list-style-type: none"><li>1. The report must include the following for each observation:<ol style="list-style-type: none"><li>a. A detailed description of the observation;</li><li>b. A reference to the origin of the observation;</li><li>c. Steps taken to address the observation; and</li><li>d. Steps planned to resolve the observation.</li></ol></li></ol> <b>10.3 Additional Information</b> The report must include any general information that aids in understanding and define any terms and acronyms used.		

## DID ACQ-TD-001: Factory Acceptance Test (FAT) Plan

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Factory Acceptance Test (FAT) Plan		<b>2. IDENTIFICATION NUMBER</b> ACQ-TD-001
<b>3. DESCRIPTION</b> The FAT Plan is prepared based on Supplier test plan for each type of Deployable TDL GES system or components or sub-systems or integrated system at the factory.		
<b>4. APPROVAL DATE</b> N/A	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.3. <i>Factory Acceptance Test</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The FAT Test Plan must be prepared in Supplier’s format. <b>10.2 Content</b> As per Supplier defined test-procedures, the FAT Test Plan will include various test plans as deemed appropriate by the Supplier, of components and sub-systems to be verified. <b>10.3 Additional Information</b> The document must include any general information that aids understanding as well as definition of any terms and acronyms used.		

## DID ACQ-TD-002: Factory Acceptance Test (FAT) Report

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Factory Acceptance Test (FAT) Report		<b>2. IDENTIFICATION NUMBER</b> ACQ-TD-002
<b>3. DESCRIPTION</b> As per Supplier defined test-procedures, the FAT Report will include overall system testing results, where the interaction of all components and sub-systems are verified from the antenna to the IP Port. The FAT Report must include Original Equipment Manufacturer (OEM) test reports for the production of the Deployable TDL GES system.		
<b>4. APPROVAL DATE</b> N/A	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.3. <i>Factory Acceptance Test</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The FAT Report must be prepared in Supplier's format. <b>10.2 Content</b> As per Supplier defined test-procedures, the FAT report will include overall test results as deemed appropriate by the Supplier, of components and sub-systems that have been verified as laid out in the FAT test plan. <b>10.3 Additional Information</b> The report must include any general information that aids understanding as well as definition of any terms and acronyms used in the report.		

## DID ACQ-TD-003: Systems Acceptance Test (SAT) Plan

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Systems Acceptance Test (SAT) Plan		<b>2. IDENTIFICATION NUMBER</b> ACQ-TD-003
<b>3. DESCRIPTION</b> The System Acceptance Test (SAT) Plan must contain the test cases and test procedures necessary to perform formal qualification testing of each Deployable TDL GES system type and relevant integration test. These tests enable the Project Authority to assess the completion of the Deployable TDL GES system delivery.		
<b>4. APPROVAL DATE</b> At least 10 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.4. <i>System Acceptance Test</i> Appendix A1 – <i>Systems Performance Specifications</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The SAT plan must be prepared in Supplier's format. <b>10.2 Content</b> 10.2.1 The SAT plan must include the following information:  <ol style="list-style-type: none"><li>1. <u>Overview</u>. Consists of a brief description of the objectives of the SAT plan, including flow diagrams, milestones, personnel participation, and security requirements. This section must include the following: <ol style="list-style-type: none"><li>a. A functional description of the SAT program using a block diagram portrayal of the functions that must be met to satisfy the total acceptance program;</li><li>b. Milestones and schedule that identify the start and expected completion dates and daily times of each test to be performed;</li><li>c. List of Government and Supplier participation roles and responsibilities. The Supplier must provide an organizational chart showing reporting lines for the planned test;</li><li>d. Any security measures of guidelines to be observed; and</li><li>e. All administration, timings, meeting locations.</li></ol></li><li>2. <u>Master Test List</u>. Lists all tests to be accomplished in the order they are to be performed. This listing must include the following:</li></ol>		



- a. Location where the acceptance test is to be performed;
  - b. Name and brief description of test to be performed;
- 3. Equipment List. The equipment list must contain all equipment to be used in the acceptance test. The listing must include all test and support equipment by:
  - a. Description;
  - b. Nomenclature; and
  - c. Serial number.
- 4. Validation Procedure. Details of the procedures that the Supplier will use to validate the test results which includes the following:
  - a. Details of the procedures that the Supplier will use to validate the test results;
  - b. Details of the procedures that Canada will use to validate the test results; and
  - c. Details of the briefing that Canada will receive in order to validate the tests that includes the System configuration, the software configuration and the communication configuration.

### **10.3 Additional Information**

The report must include any general information that aids in understanding and define any terms and acronyms used in the report.

## DID ACQ-TD-004: Systems Acceptance Test (SAT) Report

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Systems Acceptance Test (SAT) Report		<b>2. IDENTIFICATION NUMBER</b> ACQ-TD-004
<b>3. DESCRIPTION</b> <ol style="list-style-type: none"><li>1. The System Acceptance Test (SAT) Report must contain the results of measurements and observations from test cases and test procedures necessary to perform formal qualification testing of each Deployable TDL GES system type and relevant integration test.</li><li>2. The SAT Reports enable the Project Authority to assess the readiness for delivery of the Deployable TDL GES system.</li></ol>		
<b>4. APPROVAL DATE</b> At least 10 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. OFFICE of COLLATERAL INTEREST</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.3.4. <i>System Acceptance Test</i> Appendix A1 – <i>Systems Performance Specifications</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <b>10.1 Format</b> The SAT report must be prepared in Supplier's format. <b>10.2 Content</b> <ol style="list-style-type: none"><li>1. The System Acceptance Test Report documents the Deployable TDL GES capability type end-to-end performance in accordance with the System Performance Specifications (SPS) documentation.</li><li>2. Specifically, the Test Program for the Deployable TDL GES type has been successfully executed and test data results are documented.</li><li>3. The Report includes recommended deviation if any, and/or trade-off, and/or risk resolution approach that must be done prior to the Deployable TDL GES type delivery.</li></ol> <b>10.3 Additional Information</b> The report must include any general information that aids in understanding and define any terms and acronyms used in the report.		

## DID ACQ-ILS-001: Training Package

DATA ITEM DESCRIPTION		
<b>1. TITLE</b> Training Package		<b>2. IDENTIFICATION NUMBER</b> ACQ-ILS-001
<b>3. DESCRIPTION</b> <ol style="list-style-type: none"> <li>1. The Deployable TDL GES Training Package consists of all course materials (including website, course schedules, master lesson plans, lesson plans, audio/visual aids and student materials) required for the conduct of the Deployable TDL GES Operator and Maintainer training serials.</li> <li>2. These materials enable the DND PA to deliver further serials of operator training without the involvement of the Supplier if required. DND therefore reserves the right to modify the contents of the Deployable TDL GES Training Plan for its own use, if required</li> </ol>		
<b>4. APPROVAL DATE</b> At least 10 working days	<b>5. OFFICE OF PRIMARY INTEREST</b> PMO TIC3 AIR	<b>6. GIDEP APPLICABLE</b> N/A
<b>7. APPLICATION/INTERRELATIONSHIP</b> Annex A – Statement of Work (SOW), section 2.5.3.2 <i>Training Package</i>		
<b>8. ORIGINATOR</b> PMO TIC3 AIR, TDL		<b>9. APPLICABLE FORMS</b> N/A
<b>10. PREPARATION INSTRUCTIONS</b> <p><b>10.1 Format</b></p> <ol style="list-style-type: none"> <li>1. The Training Package must adhere to chapter 4 of:               <ol style="list-style-type: none"> <li>1. "CANADIAN FORCES INDIVIDUAL TRAINING &amp; EDUCATION SYSTEM ANALYSIS OF INSTRUCTIONAL REQUIREMENTS VOLUME 3"</li> </ol> </li> <li>2. The Training Package must be prepared in the Supplier's format.</li> </ol> <p><b>10.2 Objectives</b></p> <ol style="list-style-type: none"> <li>1. The Training Package must ensure the Operators are provided the knowledge and skills to correctly and independently deploy, setup, configure and operate the Deployable TDL GES systems and ancillary equipment, monitor system performance, install ancillary parts, close down and redeploy the station if necessary.</li> <li>2. The Training Package must ensure maintainers are provided the knowledge and skills to correctly and independently perform the duties of the Operator as well as inspect, perform preventative maintenance, troubleshoot, diagnose and correct Deployable TDL GES problems using on-board diagnostics and specialized test equipment.</li> <li>3. The Training Package must include 2 separate Course Packages each capable of being delivered independently:               <ol style="list-style-type: none"> <li>a. Deployable TDL GES Operator</li> <li>b. Deployable TDL GES Maintainer</li> </ol> </li> </ol>		

### **10.3 Content**

1. Each Course Package in the Deployable TDL GES Training Package must include all lesson plans, teaching material and a master lesson plan outlining all lesson plans sequence and timing. Course packages may contain identical training modules where technical/procedural overlap exists between between Operator and Maintainer Disciplines.
2. The Lesson Plans must include, but not be limited to, the following:
  - a. The objectives/main teaching points of the training;
  - b. The training needs analysis and teaching methodology, (context, lecture / demonstration / practice)
  - c. Required preparations in advance of training presentations;
  - d. Required training aides;
  - e. Composition and quantity of Deployable TDL GES Sub-Systems and Ancillaries needed for training purposes;
  - f. Training content, sequence and duration – including the flow of exercises and demonstrations so as to make effective use of the students time and instructors' availability;
  - g. Relevant references and documents;
  - h. Provisions for capturing lessons learned and proposed modifications to the training based on the critiques received from the participants;
  - i. Translation of training material;
  - j. Provisions for updating training material – after each training session, subsequent to DND training validation, and after changes to the Deployable TDL GESs.

### **10.4 Additional Information**

The report must include any general information that aids in understanding and define any terms and acronyms used in the report.

## **APPENDIX A4**

### **GOVERNMENT FURNISHED EQUIPMENT**

DEPLOYABLE DATA LINK GROUND ENTRY STATION

**W8475-235520**

# **1 GOVERNMENT FURNISHED EQUIPMENT (GFE)**

The following software, systems will be provided by Canada as part of the delivered Deployable TDL GES solution.

## **1.1 Communication Systems and Materials**

### **1.1.1 Link 16 Equipment**

1. MIDS JTRS (MIDS J).
2. RF cables and port adapters as required;
3. High gain antenna;
4. Power Supply Module;
5. Fan Tray;
6. All required cables and ancillaries;
7. Link-16 Notch Filter;
8. Host Platform Converter, including Ethernet/MIL-STD 1553 Adapter; and
9. MIDS JTRS Mobile Rack.

### **1.1.2 Link-22 Equipment.**

1. System Network Controller (SNC).
2. Link Level COMSEC (LLC) 7M.

### **1.1.3 Networking Equipment**

1. High Assurance Internet Protocol Encryption (HAPE) device (configured);
2. Secure Communications Interoperability Protocol (SCIP) device (configured);
3. Advanced military GPS receiver (configured).
4. Cisco ISR 4331 (or Equivalent) and ancillary (SFPs, Fiber cable)

## **1.2 Workstation and Peripherals**

### **1.2.1 Workstations**

1. Computer / laptop

## **1.3 Site Facility**

### **1.3.1 Equipment Room/Shelter**

1. Power Generators;
2. HVAC System;
3. Network drops (TDL WAN/CSNI/Commercial network);
4. PSTN drop; and
5. Power grid.

## **APPENDIX A5**

### **PRIORITY OF DELIVERY**

DEPLOYABLE DATA LINK GROUND ENTRY STATION

**W8475-235520**

## 1 Prioritization of Deployable TDL GES Capabilities Delivery

The implementation and delivery of the Deployable TDL GES's capabilities as described in the Appendix A1 – *System Performance Specifications* must be based on the assigned priority as presented in the table below.

SPS Requirement #	IDC	FDC	Specification
3.2.1.	√		First 2 systems as defined in Annex A – Statement of Work (SOW) – IDC capabilities and functionalities.
		√	3 systems as defined in Annex A – Statement of Work (SOW) – FDC capabilities and functionalities.
3.2.1.1.a.	√		Integration with GSM Airspace Management Suite
3.2.1.1.b.	√		Airspace Management Workstation
3.2.1.1.c.		√	Integration with Secure Communication Gateway (SCG).
3.2.1.1.d.		√	Integration with L16 Gateway Capability
3.2.1.2	√		DLP/SNC Workstation
3.2.1.3.	√		All mandatory sub-requirements
		√	All rated sub-requirements
3.2.1.4.	√		All mandatory sub-requirements
		√	All rated sub-requirements
3.2.1.5.	√		As per SPS
3.2.1.6.	√		As per SPS
3.2.1.7.	√		As per SPS



## **ANNEX B**

### **IN-SERVICE SUPPORT – STATEMENT OF WORK**

TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

## **1. INTRODUCTION**

This Statement of Work (SOW) defines the work required to sustain the systems and subsystems delivered in support of the TIC3 Air Deployable Tactical Data Link (TDL) Ground Entry Station (GES) acquisition. The D-TDL GESs are installed at various CAF bases and areas of strategic importance across Canada. At a minimum, five of these GESs will be in service. The scope of work required as part of this SOW will include basic maintenance and support (Section **Error! Reference source not found.**), task based support (Section **Error! Reference source not found.**), and optional acquisitions (Section **Error! Reference source not found.**).

## **2. WORK REQUIREMENTS**

The work to be performed by the Supplier to support the Deployable TDL GES systems is as follows:

### **2.1. Basic Maintenance and Support (Monthly Rate)**

#### **2.1.1. Configuration and Obsolescence Management**

1. The Supplier must prepare and submit annual Configuration Management (CM) and Obsolescence reports to Canada, in the Supplier's format, for the duration of the Contract.
2. The report must include information on the state of the provided systems and software compliance with the NATO standards and requirements.

#### **2.1.2. System Software Maintenance**

1. The Supplier must provide Canada with all minor software bug fixes.

#### **2.1.3. Technical Support**

1. The Supplier must remain responsive to Canada's inquiries during the Supplier's normal business hours. Most inquiries will be made through emails and could include request for quote, technical inquiries, preliminary security and runtime fault analysis.
2. The Supplier must provide an initial response within 2 business days of receipt of an inquiry.

### **2.2. Task Based Support (Hourly Rate)**

#### **2.2.1. System Software Sustainment**

1. When tasked, the Supplier must:
  - a. Update the systems software in order to maintain compliance with NATO standards and requirements whereas applicable.
  - b. Update the software in accordance with applicable interoperability requirements.
  - c. Provide software code, documentation, and expert support to Canada for Information Assurance and software certification purposes.

#### **2.2.2. General Engineering and Maintenance Services (GEMS)**

1. When tasked, the Supplier must:
  - a. Provide support to Canada to facilitate the effective evaluation, design, development, prototyping, qualification, modifications, and updates to the Deployable TDL GES.

- b. Support all additional integration work.

## **2.3. Optional Baseline Items Purchase**

### **2.3.1. Baseline Training Courses**

1. When tasked, the Supplier must develop, update, and conduct Operator and Maintenance training course.
2. When tasked, the Supplier must provide the support to DND's Instructors for the training of Deployable TDL GES Operators and Maintainers.
3. The Supplier must update the Operator and Maintenance training packages to maintain currency throughout the life cycle of the provided systems and subsystems for Deployable TDL GES.

## **2.4. Government Supplied Materiel (GSM), Equipment (GFE), and Information (GFI)**

If required, Canada will provide the Supplier with any GSM, GFE, and GFI required to support the In-Service Support of the Deployable TDL GES.

## **2.5. Travel and Living**

### **2.5.1. Travel Authorization Request**

1. In support of systems integration and additional work requests, the Supplier will be reimbursed its authorized travel and living expenses which must be reasonably and properly incurred in the performance of the task, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive, (<https://www.njc-cnm.gc.ca/directive/travel-voyage/index-eng.php>), and with the other provisions of the directive referring to "travelers", rather than those referring to "employees".
2. All travel authorization request (TAR) must be submitted and approved in advance and in writing by the DND Procurement Authority (PA) prior to making any travel arrangements.
3. The TAR must include the estimate of all travel and living costs in accordance with the paragraph 1 in this Sub-section 2.5.1.

### **2.5.2. Reimbursement**

1. The Supplier must provide the details of the travel and living expenses with each claim including copies of invoices and remit original receipts to the PA for reimbursement. All travel and living expenses are subject to Government Audit before or after the claim is paid.
2. Travel and Living expenses shall not be reimbursed where the costs are associated with the deliverables in accordance with Sub-section 2.3.
3. Travel and expenses will be reimbursed in full in support of all other activities in accordance with Sub-section 2.2.

## **ANNEX C**

### **BASIS OF PAYMENT**

#### **Acquisition**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

## 1. BASIS OF PAYMENT

### 1.1. Contract Payment Requirement

#### 1.1.1. Systems Deliverables

1. The Supplier shall be paid, Firm Fixed Prices (FFP) (DDP- Incoterms 2020) as shown in the table below for the implementation activities and delivery of IDC systems and software required for Deployable TDL GES, as outlined in the contract and in Annex A - Statement of Work (SOW).

Line item	Description	Unit Price	Qty	Extended Price
1	IDC systems and software required for Deployable TDL GES (Section 2.1.1 – Annex A)	\$	2	\$
			<b>Total</b>	\$

2. The Supplier shall be paid, Firm Fixed Prices (FFP) (DDP-Incoterms 2020) as shown in the table below for the implementation activities and delivery of FDC systems and software required for Deployable TDL GES, as outlined in the contract and in Annex A - SOW

Line item	Description	Unit Price	Qty	Extended Price
2	FDC systems and software required for Deployable TDL GES (Section 2.1.1 – Annex A)	\$	3	\$
			<b>Total</b>	\$

#### 1.1.2. Integrated Logistics Support (ILS)

1. The Supplier shall be paid, Firm Fixed Prices (FFP) as shown in the table below, for delivery of ILS program documentation and training activities on the delivered systems and software for Deployable TDL GES, as outlined in Annex A - Statement of Work.

Line item	Description	Unit Price	Qty	Extended Price
3	Technical publications & documentation of the delivered systems and software (Section 2.4.1 – ILS Program, Annex A)	\$	1 <sup>1</sup>	\$
4	Operator Training (for 12 seats) (Section 2.4.2 – Initial Cadre Training, Annex A)	\$	2	\$
5	Maintainer Training (for 12 seats) (Section 2.4.2 – Initial Cadre Training, Annex A)	\$	2	\$
			<b>Total</b>	\$

Notes: <sup>1</sup> Number of copy for each of delivered document.

### 1.1.3. Optional System Deliverables

1. When requested and approved by Canada, the Supplier shall be paid, Firm Fixed Prices (FFP) (DDP-Incoterms 2020) as shown in the table below for the delivery of systems and software for Deployable TDL GES, as outlined in Annex A - Statement of Work.

Line item	Description	Unit Price	Qty	Extended Price
6	FDC systems and software required for Deployable TDL GES (Section 3.1.1 – Annex A)	\$	2	\$
			<b>Total</b>	\$

2. When requested and approved by Canada, the Supplier shall be paid, Firm Fixed Prices (FFP) (DDP-Incoterms 2020) as shown in the table below for hourly rates associated with the integration support (on and off site) of systems and software for Deployable TDL GES, as referenced in Section 3.1.2 in Annex A.

**Table 1**

Acquisition Contract Year	Hourly Rate			
	Project Manager	Systems Engineer	Programmer	Technical Writer
1	\$	\$	\$	\$
2	\$	\$	\$	\$
3	\$	\$	\$	\$

### 1.1.4. Optional Integrated Logistics Support

1. When tasked by Canada, the Supplier shall be paid, Firm Fixed Prices (FFP) as shown in the table below, for delivery of ILS program documentation and training activities on the delivered systems and software for Deployable TDL GES, as outlined in Section 3.2 of Annex A – Statement of Work.

Line item	Description	Unit Price	Qty	Extended Price
7	Operator Training (for 12 seats) (Section 3.2.1 of Annex A)	\$	2	\$
8	Maintainer Training (for 12 seats) (Section 3.2.2 of Annex A)	\$	2	\$
			<b>Total</b>	\$

## **ANNEX D**

### **BASIS OF PAYMENT**

#### **In-Service Support**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

## 1. BASIS OF PAYMENT

### 1.1. Contract Payment Requirement

#### 1.1.1. Basis Maintenance and Support (Monthly Rate)

1. The Monthly Rate must be independent of the number of systems and software licenses acquired through Acquisition and In-Service Support (ISS) contracts.
2. The Supplier shall be paid, Firm Fixed Extended Prices as shown in the table below, for the monthly support covering the basic maintenance and support activities, as outlined in the section 2.1 of Annex B – Statement of Work:

**Table 1**

ISS Contract Year	Monthly Rate
1	\$
2	\$
3	\$
4	\$
5	\$
6 (Option)	\$
7 (Option)	\$

#### 1.1.2. Task Based Maintenance and Support (Hourly Rate)

When authorized by Canada, the Supplier shall be paid, Firm Fixed Extended Prices (FFP) (DDP included – Incoterms 2020) as shown in the table below for hourly rates associated with the performance of tasks related to the systems and software maintenance and support, as outlined in the section 2.2 of Annex B – Statement of Work.

**Table 2**

ISS Contract Year	Hourly Rate			
	Project Manager	Engineer	Software Developer	Technical Writer
1	\$	\$	\$	\$
2	\$	\$	\$	\$
3	\$	\$	\$	\$
4	\$	\$	\$	\$
5	\$	\$	\$	\$



6 (Option)	\$	\$	\$	\$
7 (Option)	\$	\$	\$	\$

### 1.1.3. Baseline Training Courses

When tasked and approved by Canada, the Supplier shall be paid, Firm Fixed Extended Prices (FFP) (DDP included – Incoterms 2020) as shown in the table below for conducting and/or support the Deployable TDL GES training courses, as outlined in the section 2.3.2 of the Annex B – Statement of Work.

**Table 3**

ISS Contract Year	Firm Fixed Unit Price			
	Operator Training	Maintainer Training	Operator Training Support	Maintainer Training Support
1	\$	\$	\$	\$
2	\$	\$	\$	\$
3	\$	\$	\$	\$
4	\$	\$	\$	\$
5	\$	\$	\$	\$
6 (Option)	\$	\$	\$	\$
7 (Option)	\$	\$	\$	\$

# Annex E

## Basis of Evaluation

### W8475-235520

FOR ILLUSTRATION ONLY

Contract	Acq BoP Link	Item	Quantity	Unit Price	Extended Price (Quantity x Unit Price)
Acquisition	1.1.1	IDC systems and software required for Deployable TDL GES	2	\$ -	\$ -
	1.1.1	FDC systems and software required for Deployable TDL GES	3	\$ -	\$ -
	1.1.2	Deployable TDL GES Documentation	1	\$ -	\$ -
	1.1.2	Deployable TDL GES Operator Training	2	\$ -	\$ -
	1.1.2	Deployable TDL GES Maintainer Training	2	\$ -	\$ -
	1.1.3	Integration Support - Hourly Rate Averages	50	#DIV/0!	#DIV/0!
	1.1.3		480	#DIV/0!	#DIV/0!
	1.1.3		80	#DIV/0!	#DIV/0!
	1.1.3		960	#DIV/0!	#DIV/0!
	1.1.3	Systems and Software for Deployable TDL GES - Option	2	\$ -	\$ -
	1.1.4	Deployable TDL GES Operator Training - Option	2	\$ -	\$ -
	1.1.4	Deployable TDL GES Maintainer Training - Option	2	\$ -	\$ -
	Total Weighted Acquisition Bid (Sum Acq Weighted Cost Totals)				#DIV/0!
	Acquisition Weighting				75%

Contract	ISS BoP Link	Item	Quantity	Average Unit Price	Extended Price (Quantity x Unit Price)
SS	1.1.3	Deployable TDL GES Operator Training - Option	2	#DIV/0!	#DIV/0!
	1.1.3	Deployable TDL GES Maintainer Training - Option	2	#DIV/0!	#DIV/0!
	1.1.3	Deployable TDL GES Operator Training Support - Option	2	#DIV/0!	#DIV/0!
	1.1.3	Deployable TDL GES Maintainer Training Support - Option	2	#DIV/0!	#DIV/0!
	1.1.2	Task Based Support - Hourly Rate Averages	800	#DIV/0!	#DIV/0!
	1.1.2		2000	#DIV/0!	#DIV/0!
	1.1.2		1000	#DIV/0!	#DIV/0!
	1.1.2		4000	#DIV/0!	#DIV/0!
	1.1.1	Monthly ISS Rate	84	#DIV/0!	#DIV/0!
	Total Weighted ISSC Bid (Sum ISSC Weighted Cost Totals)				#DIV/0!
	ISSC Weighting				100%

Final Weighted Acquisition Bid (Total Weighted Acquisition Bid x Acquisition Weighting)	#DIV/0!
Final Weighted ISSC Bid (Total Weighted ISSC Bid x ISSC Weighting)	#DIV/0!
<b>Final Weighted Bid (Final Weighted Acquisition Bid + Final Weighted ISSC Bid)</b>	<b>#DIV/0!</b>

Financial Evaluation	
Minimum Compliant Bid	
Financial weighting (%)	35
Financial bid	#DIV/0!
Financial score	#DIV/0!

Technical Evaluation	
Technical Bid	
Technical weighting (%)	65
Max technical points (Annex F)	300
Technical score	0

Summary	
Financial Score	#DIV/0!
Technical Score	0
Total Score	#DIV/0!

## Prices extracted from Annex C-ACQ-Basis of Payment

### System Deliverables

Line item	Description	Unit Price	Qty	Extended Price
1	IDC systems and software required for Deployable TDL GES (Section 2.1.1 – Annex A)		2	\$ -
2	FDC systems and software required for Deployable TDL GES (Section 2.1.1 – Annex A)		3	\$ -
			<b>Total</b>	\$ -

### Integrated Logistic Support

Line item	Item	Unit Price	Qty	Extended Price
3	Technical publications & documentation of the delivered systems and software (Section 2.4.1 – ILS Program, Annex A)		1	\$ -
4	Operator Training (for 12 seats) (Section 2.4.2 – Initial Cadre Training, Annex A)		2	\$ -
5	Maintainer Training (for 12 seats) (Section 2.4.2 – Initial Cadre Training, Annex A)		2	\$ -
			<b>Total</b>	\$ -

### Optional System Deliverables

Line item	Item	Unit Price	Qty	Extended Price
6	FDC systems and software required for Deployable TDL GES (Section 3.1.1 – Annex A)		2	\$ -
			<b>Total</b>	\$ -

Acquisition Contract Year	Hourly Rate			
	Project Manager	Systems Engineer	Programmer	Technical Writer
1				
2				
3				
Projected Acquisition Contract Hours	50	480	960	80

### Optional Integrated Logistic Support

Line item	Item	Unit Price	Qty	Extended Price
7	Operator Training (for 12 seats) (Section 3.2.1 of Annex A)		2	\$ -
8	Maintainer Training (for 12 seats) (Section 3.2.2 of Annex A)		2	\$ -
			<b>Total</b>	\$ -

## Prices extracted from Annex D-ISS-Basis of Payment

### Basic Maintenance and Support

ISS Contract Year	Monthly Rate
1	
2	
3	
4	
5	
6 (Option)	
7 (Option)	

### Task Based Maintenance and Support (Hourly Rate)

ISS Contract Year	Hourly Rate			
	Project Manager	Engineer	Software Developer	Technical Writer
1				
2				
3				
4				
5				
6 (Option)				
7 (Option)				
Projected ISSC Hours	800	2000	4000	1000

### Baseline Training Courses

ISS Contract Year	Firm Fixed Unit Price			
	Operator Training	Maintainer Training	Operator Training Support	Maintainer Training Support
1				
2				
3				
4				
5				
6 (Option)				
7 (Option)				

## **ANNEX F**

### **COMPLIANCE MATRIX and EVALUATION**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

Excel file available upon request

## Statement of Work (SOW) Compliance

### Instructions:

a. Compliance Statement. The Bidder is required to state whether their proposed solution is compliant with each requirement.

b. Compliance Reference. A compliance statement and references are required for each mandatory requirement.

**Bidder's Name:**

### Statement of Work Mandatory Requirements Compliance Matrix *(Reference to Annex A - Deployable TDL GES SOW)*

Deployable TDL GES SOW Para. Number	Compliance Statement	Compliance Reference
2.1.1.	Compliant	
2.2.1.1.	Compliant	
2.2.1.2.	Compliant	
2.2.1.3.	Compliant	
2.2.2.1.	Compliant	
2.2.2.2.	Compliant	
2.2.2.3.	Compliant	
2.2.2.4.	Compliant	
2.2.3.1.	Compliant	
2.2.3.2.	Compliant	
2.3.1.1.	Compliant	
2.3.1.2.	Compliant	
2.3.2.1.	Compliant	
2.3.2.2. & 2.3.2.2.a	Compliant	
2.3.2.2. & 2.3.2.2.b	Compliant	
2.3.2.2. & 2.3.2.2.c	Compliant	
2.3.2.2. & 2.3.2.2.d	Compliant	
2.3.2.3.	Compliant	
2.3.3.1.	Compliant	
2.3.3.2.	Compliant	
2.3.3.3.	Compliant	
2.3.4.1.	Compliant	



2.3.4.2.	Compliant	
2.3.4.3.	Compliant	
2.3.4.4.	Compliant	
2.4.1.1. & 2.4.1.1.a.	Compliant	
2.4.1.1. & 2.4.1.1.b.	Compliant	
2.4.1.1. & 2.4.1.1.c.	Compliant	
2.4.1.1. & 2.4.1.1.d.	Compliant	
2.4.1.2. & 2.4.1.2.a.	Compliant	
2.4.1.2. & 2.4.1.2.b.	Compliant	
2.4.1.2. & 2.4.1.2.c.	Compliant	
2.4.1.2. & 2.4.1.2.d.	Compliant	
2.4.1.2. & 2.4.1.2.e.	Compliant	
2.4.2.1.	Compliant	
2.4.2.2. & 2.4.2.2.a.	Compliant	
2.4.2.2. & 2.4.2.2.b.	Compliant	
2.4.2.2. & 2.4.2.2.c.	Compliant	
2.4.2.2. & 2.4.2.2.d.	Compliant	
2.4.2.3. & 2.4.2.3.a.	Compliant	
2.4.2.3. & 2.4.2.3.b.	Compliant	
3.1.1.	Compliant	
3.1.2.1.	Compliant	
3.1.2.2.	Compliant	
3.1.2.3.	Compliant	
3.2.1.	Compliant	
3.2.2.	Compliant	
4.1.1.1.	Compliant	
4.1.1.2.	Compliant	
4.1.2.	Compliant	
4.2.1. & 4.2.1.1.	Compliant	
4.2.1. & 4.2.1.2.	Compliant	
4.2.1. & 4.2.1.3.	Compliant	
4.3.2. & 4.3.2.1	Compliant	
4.3.3.	Compliant	

4.4.1 & 4.4.1.1.	Compliant	
4.4.1 & 4.4.1.2.	Compliant	
4.4.1 & 4.4.1.3.	Compliant	
4.4.2.1.	Compliant	
4.4.2.2.	Compliant	
4.4.2.3.	Compliant	

## System Performance Specification (SPS) Compliance

### Instructions:

- a. Compliance Statement. The Bidder is required to state whether their proposed solution is compliant with each requirement.
- b. Compliance Reference. A compliance statement and references are required for each mandatory requirement.

### Bidder's Name:

### System Performance Specification Mandatory Requirements Compliance Matrix (Reference to Appendix A1 - Deployable TDL GES System Performance Specification )

Deployable TDL GES SPS Para. Number	Compliance Statement	Compliance Reference
3.1.1.1. & 3.1.1.1.a.	Compliant	
3.1.1.1. & 3.1.1.1.b.	Compliant	
3.1.1.1. & 3.1.1.1.c.	Compliant	
3.1.1.2.	Compliant	
3.1.1.3.	Compliant	
3.1.1.5.	Compliant	
3.1.1.6.	Compliant	
3.1.1.7.	Compliant	
3.1.1.8.	Compliant	
3.1.1.9	Compliant	
3.1.1.10.	Compliant	
3.1.1.11.	Compliant	
3.1.1.12.	Compliant	
3.1.1.13.	Compliant	
3.1.1.14. & 3.1.1.14.a	Compliant	
3.1.1.14. & 3.1.1.14.b	Compliant	
3.1.1.14. & 3.1.1.14.c	Compliant	
3.1.1.14. & 3.1.1.14.d	Compliant	
3.1.1.14. & 3.1.1.14.e	Compliant	
3.1.1.14. & 3.1.1.14.f & 3.1.1.14.f.(i).	Compliant	
3.1.1.14. & 3.1.1.14.f & 3.1.1.14.f.(ii).	Compliant	
3.1.1.14. & 3.1.1.14.g & 3.1.1.14.g.(i).	Compliant	

3.1.1.14. & 3.1.1.14.g & 3.1.1.14.g.(ii).	Compliant	
3.1.1.15. & 3.1.1.15.a	Compliant	
3.1.1.15. & 3.1.1.15.b	Compliant	
3.1.5.1.a.	Compliant	
3.1.5.1.b.	Compliant	
3.1.5.1.c.	Compliant	
3.1.5.1.d.	Compliant	
3.1.5.2.a.	Compliant	
3.1.5.2.b.	Compliant	
3.1.5.3.a.	Compliant	
3.1.5.3.b.	Compliant	
3.1.5.4.a.	Compliant	
3.1.5.4.b.	Compliant	
3.1.5.5. & 3.1.5.5.a.	Compliant	
3.1.5.5. & 3.1.5.5.b.	Compliant	
3.1.5.5. & 3.1.5.5.c.	Compliant	
3.1.5.5. & 3.1.5.5.d.	Compliant	
3.1.5.5. & 3.1.5.5.e.	Compliant	
3.1.5.6.a & 3.1.5.6.a.(i)	Compliant	
3.1.5.6.a & 3.1.5.6.a.(ii).	Compliant	
3.1.5.6.a & 3.1.5.6.a.(iii).	Compliant	
3.1.5.6.b.	Compliant	
3.1.5.6.c.	Compliant	
3.1.5.6.d.	Compliant	
3.1.5.6.e. & 3.1.5.6.e.(i)	Compliant	
3.1.5.6.e. & 3.1.5.6.e.(ii)	Compliant	
3.1.5.6.f. & 3.1.5.6.f.(i)	Compliant	
3.1.5.6.f. & 3.1.5.6.f.(ii) & 3.1.5.6.f.(ii).a	Compliant	
3.1.5.6.f. & 3.1.5.6.f.(ii) & 3.1.5.6.f.(ii).b	Compliant	
3.1.5.6.f. & 3.1.5.6.f.(iii)	Compliant	
3.1.5.6.f. & 3.1.5.6.f.(iv)	Compliant	
3.1.5.6.g.(ii).	Compliant	
3.1.5.6.g.(iii).	Compliant	

3.1.5.6.g.(iv).	Compliant	
3.1.5.6.g.(v).	Compliant	
3.1.5.6.g.(vi).	Compliant	
3.1.5.6.h	Compliant	
3.1.5.6.i	Compliant	
3.1.5.6.j & 3.1.5.6.j.(i)	Compliant	
3.1.5.6.j & 3.1.5.6.j.(ii)	Compliant	
3.1.5.6.j & 3.1.5.6.j.(iii)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(i)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(ii)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(iii)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(iv)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(v)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(vi) & 3.1.5.6.k.(vi).(1)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(vi) & 3.1.5.6.k.(vi).(2)	Compliant	
3.1.5.6.k & 3.1.5.6.k.(vi) & 3.1.5.6.k.(vi).(3)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(i)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(ii)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iii)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(1)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(2)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(3)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(4)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(5)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(6)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(7)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(8)	Compliant	
3.1.5.6.l & 3.1.5.6.l.(iv) & 3.1.5.6.l.(iv).(9)	Compliant	
3.1.5.6.m & 3.1.5.6.m.(i)	Compliant	
3.1.5.6.m & 3.1.5.6.m.(ii)	Compliant	
3.1.5.6.m & 3.1.5.6.m.(iii)	Compliant	
3.1.5.6.m & 3.1.5.6.m.(iv)	Compliant	
3.1.5.6.m & 3.1.5.6.m.(v)	Compliant	

3.1.5.6.m & 3.1.5.6.m.(vi)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(i) & 3.1.5.6.o.(i).(1)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(i) & 3.1.5.6.o.(i).(2)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(i) & 3.1.5.6.o.(i).(3)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(i) & 3.1.5.6.o.(i).(4)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iii) & 3.1.5.6.o.(iii).(1)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iii) & 3.1.5.6.o.(iii).(2)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iii) & 3.1.5.6.o.(iii).(3)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iii) & 3.1.5.6.o.(iii).(4)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iv) & 3.1.5.6.o.(iv).(1)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iv) & 3.1.5.6.o.(iv).(2)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(iv) & 3.1.5.6.o.(iv).(3)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(v)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(vi)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(vii)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(viii)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(ix) & 3.1.5.6.o.(ix).(1)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(ix) & 3.1.5.6.o.(ix).(2)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(ix) & 3.1.5.6.o.(ix).(3)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(ix) & 3.1.5.6.o.(ix).(4)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(x)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(xi)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(xii)	Compliant	
3.1.5.6.o & 3.1.5.6.o.(xiv)	Compliant	
3.2.1. & 3.2.1.1 & 3.2.1.1.a	Compliant	
3.2.1. & 3.2.1.1 & 3.2.1.1.b	Compliant	
3.2.1. & 3.2.1.1 & 3.2.1.1.c	Compliant	
3.2.1. & 3.2.1.1 & 3.2.1.1.d	Compliant	
3.2.1. & 3.2.1.2	Compliant	
3.2.1. & 3.2.1.3	Compliant	
3.2.1. & 3.2.1.4	Compliant	
3.2.1. & 3.2.1.5	Compliant	
3.2.1. & 3.2.1.6	Compliant	

3.2.1. & 3.2.1.7. & 3.2.1.7.a.	Compliant	
3.2.1. & 3.2.1.7. & 3.2.1.7.b.	Compliant	
3.2.1. & 3.2.1.7. & 3.2.1.7.c.	Compliant	
3.2.1. & 3.2.1.7. & 3.2.1.7.d.	Compliant	
3.2.1. & 3.2.1.7. & 3.2.1.7.e.	Compliant	
3.2.1. & 3.2.1.8. & 3.2.1.8.f.	Compliant	

## Rated Requirements Scoring Matrix

### Instructions

- a. Compliance Reference. Bidder must provide a reference to the specific report or section of their bid proposal which supports the bidders claim.
- b. Performance Specification. Bidder must select from the drop down list the appropriate response to the desirable requirement.
- c. Maximum Score. The maximum potential score is the value that may be awarded for a non-mandatory performance specification item.
- d. Bidder's Score. The Score is the value that will be assign during bid evaluation.

### Bidder's Name:

### System Performance Specification Rated Requirements Scoring Matrix (*Reference to Appendix A1 - Deployable TDL GES System Performance Specification* )

Deployable TDL GES SPS Para. Number	Compliance Reference(s)	Performance Specification	Maximum Score	Bidder's Score
3.1.1.4.			12	0
3.1.5.6.g.(i).			15	0
3.1.5.6.l & 3.1.5.6.l.(v).			8	0
3.1.5.6.n & 3.1.5.6.n.(i)			5	0
3.1.5.6.n & 3.1.5.6.n.(ii)			8	0
3.1.5.6.n & 3.1.5.6.n.(iii)			4	0
3.1.5.6.n & 3.1.5.6.n.(iv)			8	0
3.1.5.6.n & 3.1.5.6.n.(v)			10	0
3.1.5.6.n & 3.1.5.6.n.(vi)			10	0
3.1.5.6.n & 3.1.5.6.n.(vii)			10	0
3.1.5.6.n & 3.1.5.6.n.(viii)			10	0
3.1.5.6.n & 3.1.5.6.n.(ix)			5	0
3.1.5.6.n & 3.1.5.6.n.(x)			5	0
3.1.5.6.o & 3.1.5.6.o.(ii) & 3.1.5.6.o.(ii).(1)			15	0
3.1.5.6.o & 3.1.5.6.o.(ii) & 3.1.5.6.o.(ii).(2)			15	0
3.1.5.6.o & 3.1.5.6.o.(ii) & 3.1.5.6.o.(ii).(3)			15	0
3.1.5.6.o & 3.1.5.6.o.(ii) & 3.1.5.6.o.(ii).(4)			25	0



3.1.5.6.o & 3.1.5.6.o.(ii) & 3.1.5.6.o.(ii).(5)			15	0
3.1.5.6.o & 3.1.5.6.o.(ii) & 3.1.5.6.o.(ii).(6)			5	0
3.1.5.6.o & 3.1.5.6.o.(xiii)			25	0
3.3	Evaluated using Annex G - Demonstration Plan		75	0

Totals	300	0
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State of Readiness Scoring	
State	Weight
Desirable Requirement Not Bid	0%
Under Development	0%
Implemented	50%
Operational	100%

*Only applies to rated/desirable requirements.*

#### Demonstration Scoring Matrix

Instructions:

- a. State of Readiness at Demonstration. The Bidder is required to state the level of readiness at demonstration for their proposed solution as it applies to each requirement.
- b. Note. Mandatory requirements default as "Under Development", which is the minimum compliant level. Bidder's must ensure that for each mandatory requirement, the appropriate state of readiness at demonstration for their product is selected in this table, to be awarded technical points on evaluation.
- c. Note. Rated/Desirable requirements default as "Desirable Requirement Not Bid", which results in zero technical points. Bidder's must ensure that for each rated/desirable requirement, the appropriate state of readiness at demonstration for their product is selected in this table, to be awarded technical points on evaluation, if they are offering a solution that meets that requirement.
- d. Note. The Bidder's selections on this table will be validated by Canada during the Bidder's demonstration.
- e. Note. The demonstration requirements are derived from Annex A1 - System Performance Specification, and in certain cases, have been modified slightly for demonstration.

Bidder's Name:						
Demonstration Scoring Matrix (Reference to Annex G - Demonstration Plan )						
Demo Requirement Number	Description	Fixed TDL GEP SPS Para. Ref. Number	Maximum Available Points	State of Readiness at Demo	Demo Score	Remarks
1	The selected Bidder must demonstrate the following functionalities under the Link-22 Gateway (L22GW) capability:	3.1.5	N/A	N/A	N/A	Statement
1.1	The DLP must provide a map-based GUI for the system operation	3.1.5.6.d.	5			
1.2	The DLP must allow the operator to configure the following coordinate systems which is used for the display of the entities on the map:	3.1.5.6.e	N/A	N/A	N/A	Statement
1.2.1	Military Grid Reference System (MGRS); and	3.1.5.6.e.(i).	1			
1.2.2	World Geodetic System 1984 (WGS-84).	3.1.5.6.e.(ii).	1			
1.3.	The DLP must allow for establishing the SIMPLE link with a TDP C2 application and/or remote system, using the following Ethernet IP-based communication methods:	3.1.5.6.f.(ii).	N/A	N/A	N/A	Statement
1.3.1.	TCP/IP Server; and	3.1.5.6.f.(ii).1.	1			
1.3.2.	TCP/IP Client.	3.1.5.6.f.(ii).2.	1			
1.4.	The DLP must allow for the exchange of Link-22 tactical messages with TDP C2 systems through the SIMPLE link in accordance with STANAG 5602.	3.1.5.6.f.(iii).	4			
1.5.	The DLP should be able to receive the OPTASK Link Message (OLM) through a secure Ethernet IP-based communication interface, and store it in a specified local and/or network folder.	3.1.5.6.g.(i).	2			

1.6.	The DLP must allow the operator to configure the own unit Link-22 address and unit position using either MGRS or Latitude/Longitude (WGS-84) format.	3.1.5.6.g.(ii).	2			
1.7.	The DLP must allow for the operator to select the LLC/SPC for each network.	3.1.5.6.g.(iii).	2			
1.8.	The DLP must allow for the extraction and modification of information from an OLM stored in a specified local and/or network folder, for Link-22 systems and network initialization.	3.1.5.6.g.(v).	2			
1.9.	The DLP must allow the operator to supply, through the GUI and system interface, all information required for Link-22 systems and network initialization.	3.1.5.6.g.(vi).	2			
1.10.	The DLP must allow the operator to operate on 2 Link-22 networks simultaneously.	3.1.5.6.i.	3			
1.11.	The DLP must allow for the Link-22 systems initialization through the SNC Control and Status Interface.	3.1.5.6.j. and all sub-requirements	2			
1.12.	The DLP must allow for the Link-22 network initialization, only after the Link-22 systems initialization completed, through the SNC Control and Status Interface	3.1.5.6.k. and all sub-requirements	1			
1.13.	The DLP must allow for the systems monitoring and management through the SNC Control and Status Interface	3.1.5.6.l. and all sub-requirements	1			
1.14.	DLP must implement all required logics, messages, protocols and functions that allow the operator to take the role of Network Management Unit (NMU), and perform all specified operations: 1. Network Performance Monitoring; 2. NMU Role Management; 3. Network Parameters Management; 4. LNE Support; 5. Radio Power Management; and 6. Network Radio Silence.	3.1.5.6.m. and all sub-requirements	8			

1.15.	DLP must implement all required logics, messages, protocols and functions that allow for the transmission, reception and processing of all Link-22 tactical messages required for the following functional areas in accordance with the STANAG 5522 Ed.4/ATDLP-5.22(A) and its Appendix 1 to Annex B – Minimum Implementation: 1. Participant Location and Identification (PLI); 2. Air Surveillance; 3. Surface (Maritime) Surveillance; and 4. Subsurface (Maritime) Surveillance.	3.1.5.6.o.(i)., 3.1.5.6.o.(i).1., 3.1.5.6.o.(i).2., 3.1.5.6.o.(i).3., 3.1.5.6.o.(i).4.	15			
1.16.	DLP must allow for controlling the transmission of tactical messages based on, as a minimum, the following filtering parameters: 1. Message type; 2. Source/Originator; and 3. Geographic Area.	3.1.5.6.o.(iv)., 3.1.5.6.o.(iv).1., 3.1.5.6.o.(iv).2., 3.1.5.6.o.(iv).3.	3			
1.17.	The DLP must process and transmit Link-22 tactical messages received from connected TDP C2 systems on Link-22 network.	3.1.5.6.o.(vii).	2			
1.18.	The DLP must process and transmit Link-22 tactical messages received from Link-22 network to connected TDP C2 systems.	3.1.5.6.o.(viii).	2			
1.19.	The DLP must allow for controlling the transmission of system tracks based on, as a minimum, the following filtering parameters: 1. Track Environment/Category; 2. Track Identity; 3. Track Source/Originator; and 4. Geographic Area.	3.1.5.6.o.(ix). 3.1.5.6.o.(ix).1. 3.1.5.6.o.(ix).2. 3.1.5.6.o.(ix).3. 3.1.5.6.o.(ix).4.	3			
1.20.	DLP must implement Link-22 tactical functions, including but not limited to, track management, correlation, report responsibility and conflict resolution, for PLI and system tracks report on Link-22 network in accordance with STANAG 5522 Ed.4/ATDLP-5.22(A).	3.1.5.6.o.(xi).	10			

1.21.	DLP must allow for the operator to enable/disable the transmission of tracks received from a SIMPLE interface without processing through the track management, correlation, report responsibility and conflict resolution functions.	3.1.5.6.o.(xii).	2		
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Totals	75	0
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## **ANNEX G**

### **DEMONSTRATION PLAN**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

# 1. DEPLOYABLE TDL GES DEMONSTRATION PLAN

## 1.1. SCOPE

### 1.1.1. Purpose

1. The primary purpose of the demonstration is to validate, in person, the readiness of Bidder's proposed solution as outlined in para 3.3 of the Appendix A1 – System Performance Specification.
2. In accordance with RFP's para 4.2.2: *Final Evaluation of the Bid* the Bidder with highest preliminary combined rating (technical merit and price), referred in this document as 'selected Bidder', must be ready to demonstrate, within 10 business days of notification of an invitation for demonstration of the claimed capabilities and functionalities.

## 1.2. DEMONSTRATION

### 1.2.1. Planning & Preparation

1. The Bidder, as part of their bid submission, must provide a demonstration plan that at a minimum outlines the preferred location, setup, methods, scenarios, equipment and software that will be utilized.

### 1.2.2. Execution

1. The selected Bidder must demonstrate the mandatory and rated requirements listed in Table 1, at mutually agreed location.
2. The selected Bidder must complete their demonstration in no more than 4 days.
3. The selected Bidder must perform their demonstration using physical systems onsite. Any form of virtual demonstration (video conference, online meeting, video clips, etc.) from a remote site and/or location will not be accepted, even for a subset of the demonstrating capability or functionality.
4. Demonstration of the selected capabilities/functionalities is considered to be successful, in this context, when for each of the supporting requirements it is shown one of the following states:
  - a. 'Under Development'. A demonstrable requirement is declared in the 'Under Development' state when it's not fully-developed and/or integrated in an existing product and requires some development and integration to bring it to an operational state.
  - b. 'Implemented'. A demonstrable requirement is declared in the 'Implemented' state when it's fully-developed and integrated in an existing and functional product that has not been integrated into the final proposed Deployable TDL GES solution. This can be either third-party product or the bidder's own product that is not currently integrated into a cohesive fully-developed solution, but it must be product that currently exists, and will be integrated as part of the final delivered Deployable TDL GES solution.
  - c. 'Operational'. A demonstrable requirement is declared in the 'Operational' state when it's fully-developed and integrated into the final proposed Deployable TDL GES solution.
  - d. 'Desirable Requirement Not Bid'. A demonstrable requirement is declared in the 'Desirable Requirement Not Bid' state when it's referencing to a non-committed desirable requirement of the Appendix A1, System Performance Specification.



**Table 1- Deployable TDL GES Demonstration Requirements**

**Note.** The selected Bidder must demonstrate each capability/functionality in accordance with related mandatory and rated requirements outlined in the Appendix A1 - System Performance Specification for which the Bidder has been award technical points.

Demonstration Requirement #	Description	Deployable TDL GEP SPS Para. Ref. Number
1	The selected Bidder must demonstrate the following functionalities under the Link-22 Gateway (L22GW) capability:	3.1.1
1.1	The DLP must provide a map-based GUI for the system operation	3.1.5.6.d.
1.2	The DLP must allow the operator to configure the following coordinate systems which is used for the display of the entities on the map:	3.1.5.6.e
1.2.1	- Military Grid Reference System (MGRS); and	3.1.5.6.e.(i).
1.2.2	- Latitude/Longitude using World Geodetic System 1984 (WGS-84).	3.1.5.6.e.(ii).
1.3	The DLP must allow for establishing the SIMPLE link with a TDP C2 application and/or remote system, using the following Ethernet IP-based communication methods:	3.1.5.6.f.(ii).
1.3.1	- TCP/IP Server; and	3.1.5.6.f.(iii).1.
1.3.2	- TCP/IP Client.	3.1.5.6.f.(iv).2.
1.4	The DLP must allow for the exchange of Link-22 tactical messages with TDP C2 systems through the SIMPLE link in accordance with STANAG 5602.	3.1.5.6.f.(iii).
1.5	The DLP should be able to receive the OPTASK Link Message (OLM) through a secure Ethernet IP-based communication interface, and store it in a specified local and/or network folder.	3.1.5.6.g.(i).
1.6	The DLP must allow the operator to configure the own unit Link-22 address using either MGRS or Latitude/Longitude WGS-84 format.	3.1.5.6.g.(ii).
1.7	The DLP must allow for the operator to select the LLC/SPC for each network.	3.1.5.6.g.(iii).
1.8	The DLP must allow for the extraction and modification of information from an OLM stored in a specified local and/or network folder, for Link-22 systems and network initialization.	3.1.5.6.g.(v).
1.9	The DLP must allow the operator to supply, through the GUI and system interface, all information required for Link-22 systems and network initialization.	3.1.5.6.g.(vi).
1.10	The DLP must allow the operator to operate on 2 Link-22 networks simultaneously.	3.1.5.6.i.
1.11	The DLP must allow for the Link-22 systems initialization through the SNC Control and Status Interface.	3.1.5.6.j. and all sub-requirements

1.12	The DLP must allow for the Link-22 network initialization, only after the Link-22 systems initialization completed, through the SNC Control and Status Interface	3.1.5.6.k. and all sub-requirements
1.13	The DLP must allow for the systems monitoring and management through the SNC Control and Status Interface	3.1.5.6.l. and all sub-requirements
1.14	DLP must implement all required logics, messages, protocols and functions that allow the operator to take the role of Network Management Unit (NMU), and perform all specified operations: 1. Network Performance Monitoring; 2. NMU Role Management; 3. Network Parameters Management; 4. LNE Support; 5. Radio Power Management; and 6. Network Radio Silence.	3.1.5.6.m. and all sub-requirements
1.15	DLP must implement all required logic, messages, protocols and functions that allow for the transmission, reception and processing of all Link-22 tactical messages required for the following functional areas in accordance with the STANAG 5522 Ed.4/ATDLP-5.22(A) and its Appendix 1 to Annex B – Minimum Implementation: 1. Participant Location and Identification (PLI); 2. Air Surveillance; 3. Surface (Maritime) Surveillance; and 4. Subsurface (Maritime) Surveillance.	3.1.5.6.o.(i)., 3.1.5.6.o.(i).1., 3.1.5.6.o.(i).2., 3.1.5.6.o.(i).3., 3.1.5.6.o.(i).4.
1.16	DLP must allow for controlling the transmission of tactical messages based on, as a minimum, the following filtering parameters: 1. Message type; 2. Source/Originator; and 3. Geographic Area.	3.1.5.6.o.(iv)., 3.1.5.6.o.(iv).1., 3.1.5.6.o.(iv).2., 3.1.5.6.o.(iv).3.
1.17	The DLP must process and transmit Link-22 tactical messages received from connected TDP C2 systems on Link-22 network.	3.1.5.6.o.(vii).
1.18	The DLP must process and transmit Link-22 tactical messages received from Link-22 network to connected TDP C2 systems.	3.1.5.6.o.(viii).
1.19	The DLP must allow for controlling the transmission of system tracks based on, as a minimum, the following filtering parameters: 1. Track Environment/Category; 2. Track Identity; 3. Track Source/Originator; and 4. Geographic Area.	3.1.5.6.o.(ix). 3.1.5.6.o.(ix).1. 3.1.5.6.o.(ix).2. 3.1.5.6.o.(ix).3. 3.1.5.6.o.(ix).4.
1.20	DLP must implement Link-22 tactical functions, including but not limited to, track management, correlation, report responsibility and conflict resolution, for PLI and system	3.1.5.6.o.(xi).

	tracks report on Link-22 network in accordance with STANAG 5522 Ed.4/ATDLP-5.22(A).	
1.21	DLP must allow for the operator to enable/disable the transmission of tracks received from a SIMPLE interface without processing through the track management, correlation, report responsibility and conflict resolution functions.	3.1.5.6.o.(xii).

## **ANNEX H**

### **ACRONYMS**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

## **Abbreviations and Acronyms**

ASMS	Airspace Management Suite
ATDLP	Allied TDL Publication
BGP	Border Gateway Protocol
BLOS	Beyond Line of Sight
C2	Command and Control
CA	Contracting Authority
CADS	Canadian Air Defense Sector headquarters
CAF	Canadian Armed Forces
CDR	Critical Design Review
CDRL	Contract Data Requirement List
CMV	Canadian MIDS Variant
CONEMP	Concept of Employment
CONOP	Concept of Operation
CSNI	Consolidated Secret Network Infrastructure
DAGR	Defense Advanced GPS Receiver
DID	Data Item Description
DLP	Data Link Processor
DND	Department of National Defense
TDL GES	Deployable TDL GEP
EPM	Electronic Protection Measures
FAT	Factory Acceptance Test
FF	Fixed Frequency
FMS	Foreign Military Sale
FDC	Final Deliverable Capabilities
GES	Ground Entry Station
GFE	Government Furbished Equipment
GPS	Global Positioning System
GSM	Government Supplied Materiel
GUI	Graphical User Interface
HF	High Frequency
ICD	Interface Control Documents
ICES	Interference-Causing Equipment Standard
IGMP	Internet Group Management Protocol
IGRP	Interior Gateway Routing Protocol
IDC	Initial Deliverable Capabilities
IP	Internet Protocol (Communication)
	Intellectual Property (Legal/Law)
ISP	Internet Service Provider
ITE	Information Technology Equipment
JREAP	Joint Range Extension Application Protocol
JTRS	Joint Tactical Radio System
JU	JTIDS/MIDS Unit
LAN	Local Area Network
LLC	Link Level COMSEC

LOS	Line of Sight
LTR	Local Traffic Router
MGRS	Military Grid Reference System
MIDS	Multifunctional Information Distribution System
NAT	Network Address Translation
NATO	North Atlantic Treaty Organization
NCE	NILE Communication Equipment
NCS	Network Cycle Structure
NILE	NATO Improved Link Eleven
NMEA	National Marine Electronics Association
NORAD	North American Aerospace Defense Command
NSA	National Security Agency
NTP	Network Time Protocol
OLM	OPTASK Link Message
ONCS	Operational Network Cycle Structure
OSPF	Open Shortest Path First
PDR	Preliminary Design Review
PIM	Protocol Independent Multicast
PMP	Project Management Plan
PPLI	Precise Participation Location Indication
PPS	Pulse Per Second
PRM	Progress Review Meeting
RAP	Recognized Air Picture
RCAF	Royal Canadian Air Force
RIP	Routing Information Protocol
RSVP	Resource Reservation Protocol
SOW	Statement of Work
SA	Situational Awareness
SATCOM	Satellite Communication
SFP	Small Form-factor Pluggable
SN	Super Network
SNC	System Network Controller
SNMP	Simple Network Management Protocol
SPC	Signal Processing Controller
SPS	System Performance Specification
TA	Technical Authority
TDL	Tactical Data Link
TDLWAN	TDL WAN
TIC3	Tactical Integrated Command Control Communications
TOD	Time of Day
TDP	Tactical Data Processor
UHF	Ultra-High Frequency
UII	Unique Item Identifier
UIN	Unique Identification Number
WAN	Wide Area Network
WER	WAN Entry Router

# **ANNEX I**

## **APPLICABLE DOCUMENTS**

DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION

**W8475-235520**

## **DEPLOYABLE TACTICAL DATA LINK GROUND ENTRY STATION (D-TDL GES)**

### **LIST OF REFERENCE & APPLICABLE DOCUMENTS**

- [1] SEGMENT SPECIFICATION FOR SIGNAL PROCESSING CONTROLLER (SPC SS)
- [2] INTERFACE REQUIREMENT SPECIFICATION (IRS) FOR THE LINK-22 MODERNIZED LINK LEVEL COMSEC (LLC 7M) SEGMENT OF THE LINK 22 (NILE) SYSTEM (LLC IRS)
- [3] SEGMENT SPECIFICATION FOR THE SYSTEM NETWORK CONTROLLER (SNC SS)
- [4] INTERFACE DESIGN DESCRIPTION FOR THE DATA LINK PROCESSING SEGMENT AND THE SYSTEM NETWORK CONTROLLER (DLP-SNC IDD)
- [5] STANAG 4430 – PRECISE TIME AND FREQUENCY INTERFACE STANDARDS FOR MILITARY ELECTRONIC SYSTEMS
- [6] STANAG 5522 Ed.6 – TACTICAL DATA LINK – LINK 22 – ATDLP-5.22 Edition B
- [7] ATDLP-5.22 Ed.B (1) – TACTICAL DATA EXCHANGE LINK 22, Ed. B Version 1
- [8] STANAG 5602 – STANDARD INTERFACE FOR MULTIPLE PLATFORM LINK EVALUATION (SIMPLE)
- [9] STANAG 4539 – TECHNICAL STANDARDS FOR NON-HOPPING HF COMMUNICATIONS WAVEFORMS (RESTRICTED), Ed. A
- [10] STANAG 4372 – SATURN – A FAST FREQUENCY HOPPING ECCM MODE FOR UHF RADIO, Ed. A
- [11] STANAG 4444 – TECHNICAL STANDARDS FOR A SLOW-HOP HF EPM COMMUNICATIONS SYSTEM, Ed. 2



## **ANNEX J**

### **DND - Task Authorization**

**W8475-235520**

Design: Forms Management 993-4050  
Conception : Gestion des formulaires 993-4062

## Instructions for completing DND 626 - Task Authorization

### Contract no.

Enter the PWGSC contract number in full.

### Task no.

Enter the sequential Task number.

### Amendment no.

Enter the amendment number when the original Task is amended to change the scope or the value.

### Increase/Decrease

Enter the increase or decrease total dollar amount including taxes.

### Previous value

Enter the previous total dollar amount including taxes.

### To

Name of the contractor.

### Delivery location

Location where the work will be completed, if other than the contractor's location.

### Delivery/Completion date

Completion date for the task.

### for the Department of National Defence

Signature of the DND person who has delegated **Authority** for signing DND 626 (level of authority based on the dollar value of the task and the equivalent signing authority in the PAM 1.4). **Note:** the person signing in this block ensures that the work is within the scope of the contract, that sufficient funds remain in the contract to cover this task and that the task is affordable within the Project/Unit budget.

### Services

Define the requirement briefly (attach the SOW) and identify the cost of the task using the contractor's quote on the level of effort. The Task must use the basis of payment stipulated in the contract. If there are several basis of payment then list here the one(s) that will apply to the task quote (e.g. milestone payments; per diem rates/labour category hourly rates; travel and living rates; firm price/ceiling price, etc.). All the terms and conditions of the contract apply to this Task Authorization and cannot be ignored or amended for this task. Therefore it is not necessary to restate these general contract terms and conditions on the DND 626 Task form.

### Cost

The cost of the Task broken out into the individual costed items in **Services**.

### GST/HST

The GST/HST cost as appropriate.

### Total

The total cost of the task. The contractor may not exceed this amount without the approval of DND indicated on an amended DND 626. The amendment value may not exceed 50% (or the percentage for amendments established in the contract) of the original value of the task authorization. The total cost of a DND 626, including all amendments, may not exceed the funding limit identified in the contract.

### Applicable only to PWGSC contracts

This block only applies to those Task Authorization contracts awarded by PWGSC. The contract will include a specified threshold for DND sole approval of the DND 626 and a percentage for DND to approve amendments to the original DND 626. Tasks that will exceed these thresholds must be passed to the PWGSC Contracting Authority for review and signature prior to authorizing the contractor to begin work.

### Note:

Work on the task may not commence prior to the date this form is signed by the DA Authority - for tasks within the DND threshold; and by both DND and PWGSC for those tasks over the DND threshold.

## Instructions pour compléter le formulaire DND 626 - Autorisation des tâches

### N° du contrat

Inscrivez le numéro du contrat de TPSGC en entier.

### N° de la tâche

Inscrivez le numéro de tâche séquentiel.

### N° de la modification

Inscrivez le numéro de modification lorsque la tâche originale est modifiée pour en changer la portée.

### Augmentation/Réduction

Inscrivez le montant total de l'augmentation ou de la diminution, y compris les taxes.

### Valeur précédente

Inscrivez le montant total précédent, y compris les taxes.

### À

Nom de l'entrepreneur.

### Expédiez à

Endroit où le travail sera effectué, si celui-ci diffère du lieu d'affaires de l'entrepreneur.

### Date de livraison/d'achèvement

Date d'achèvement de la tâche.

### pour le ministère de la Défense nationale

Signature du représentant du MDN auquel on a délégué le **pouvoir d'approbation** en ce qui a trait à la signature du formulaire DND 626 (niveau d'autorité basé sur la valeur de la tâche et le signataire autorisé équivalent mentionné dans le MAA 1.4). **Nota :** la personne qui signe cette attache de signature confirme que les travaux respectent la portée du contrat, que suffisamment de fonds sont prévus au contrat pour couvrir cette tâche et que le budget alloué à l'unité ou pour le projet le permet.

### Services

Définissez brièvement le besoin (joignez l'ET) et établissez le coût de la tâche à l'aide de la soumission de l'entrepreneur selon le niveau de difficulté de celle-ci. Les modalités de paiement stipulées dans le contrat s'appliquent à la tâche. Si plusieurs d'entre elles sont prévues, énumérez ici celle/celles qui s'appliquera/ront à la soumission pour la tâche à accomplir (p.ex. acompte fondé sur les étapes franchies; taux quotidien ou taux horaire établi selon la catégorie de main-d'œuvre; frais de déplacement et de séjour; prix fixe ou prix plafond; etc.). Toutes les modalités du contrat s'appliquent à cette autorisation de tâche et ne peuvent être négligées ou modifiées quant à la tâche en question. Il n'est donc pas nécessaire de répéter ces modalités générales afférentes au contrat sur le formulaire DND 626.

### Prix

Mentionnez le coût de la tâche en le répartissant selon les frais afférents à chaque item mentionné dans la rubrique **Services**.

### TPS/TVH

Mentionnez le montant de la TPS/TVH, s'il y a lieu.

### Total

Mentionnez le coût total de la tâche. L'entrepreneur ne peut dépasser ce montant sans l'approbation du MDN, formulaire DND 626 modifié à l'appui. Le coût de la modification ne peut pas être supérieur à 50 p. 100 du montant initial prévu dans l'autorisation de tâche (ou au pourcentage prévu dans le contrat pour les modifications). Le coût total spécifié dans le formulaire DND 626, y compris toutes les modifications, ne peut dépasser le plafond de financement mentionné dans le contrat.

### Ne s'applique qu'aux contrats de TPSGC

Le présent paragraphe s'applique uniquement aux autorisations de tâche accordées par TPSGC. On inscrira dans le formulaire DND 626 un plafond précis qui ne pourra être approuvé que par le MDN et un pourcentage selon lequel le MDN pourra approuver des modifications au formulaire DND 626 original. Les tâches dont le coût dépasse ces plafonds doivent être soumises à l'autorité contractante de TPSGC pour examen et signature avant qu'on autorise l'entrepreneur à débiter les travaux.

### Nota :

Les travaux ne peuvent commencer avant la date de signature de ce formulaire par le responsable du MDN, pour les tâches dont le coût est inférieur au plafond établi par le MDN, et par le MDN et TPSGC pour les tâches dont le coût dépasse le plafond établi par le MDN.

## **ANNEX “K”**

### **FEDERAL CONTRACTORS PROGRAM**

**W8475-235520**

## FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\)-Labour's](#) website.

Date: \_\_\_\_\_ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- ☐ A1. The Bidder certifies having no work force in Canada.
  - ☐ A2. The Bidder certifies being a public sector employer.
  - ☐ A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
  - ☐ A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.
- A5. The Bidder has a combined workforce in Canada of 100 or more employees; and
- ☐ A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

**ANNEX “L”**

**ELECTRONIC PAYMENT**

**W8475-235520**

## **ELECTRONIC PAYMENT INSTRUMENTS**

The Bidder accepts to be paid by 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)

## **ANNEX M**

### **Security Requirement Check List**

**W8475-235520**





SECURITY REQUIREMENTS CHECK LIST (SRCL)

LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE

1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine <b>DND</b>		2. Branch or Directorate / Direction générale ou Direction DGAEPM / DAEPM	
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work / Brève description du travail  The Deployable TDL GES is a composite system that will be implemented and integrated as part of the TIC3 Air TDL network to deliver the mobile multi-data link solution.			
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. Indicate the type of access required / Indiquer le type d'accès requis <small>Restricted documentation and site access with escort</small>			
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. c) Is this a commercial courier or delivery requirement with <b>no</b> overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale <b>sans</b> entreposage de nuit?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès			
Canada <input checked="" type="checkbox"/>		NATO / OTAN <input checked="" type="checkbox"/>	
Foreign / Étranger <input type="checkbox"/>			
7. b) Release restrictions / Restrictions relatives à la diffusion			
No release restrictions Aucune restriction relative à la diffusion <input checked="" type="checkbox"/>		All NATO countries Tous les pays de l'OTAN <input checked="" type="checkbox"/>	
Not releasable À ne pas diffuser <input type="checkbox"/>		Restricted to: / Limité à: <input type="checkbox"/>	
Restricted to: / Limité à: <input type="checkbox"/>		Specify country(ies): / Préciser le(s) pays:	
Specify country(ies): / Préciser le(s) pays:		Specify country(ies): / Préciser le(s) pays:	
7. c) Level of information / Niveau d'information			
PROTECTED A PROTÉGÉ A <input checked="" type="checkbox"/>		NATO UNCLASSIFIED NATO NON CLASSIFIÉ <input type="checkbox"/>	
PROTECTED B PROTÉGÉ B <input type="checkbox"/>		NATO RESTRICTED NATO DIFFUSION RESTREINTE <input checked="" type="checkbox"/>	
PROTECTED C PROTÉGÉ C <input type="checkbox"/>		NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>		NATO SECRET NATO SECRET <input type="checkbox"/>	
SECRET SECRET <input type="checkbox"/>		COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	
TOP SECRET TRÈS SECRET <input type="checkbox"/>			
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>			
		PROTECTED A PROTÉGÉ A <input type="checkbox"/>	
		PROTECTED B PROTÉGÉ B <input type="checkbox"/>	
		PROTECTED C PROTÉGÉ C <input type="checkbox"/>	
		CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	
		SECRET SECRET <input type="checkbox"/>	
		TOP SECRET TRÈS SECRET <input type="checkbox"/>	
		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>	



**PART A (continued) / PARTIE A (suite)**

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? ☒ No ☐ Yes  
Non Oui  
If Yes, indicate the level of sensitivity:  
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? ☒ No ☐ Yes  
Non Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :  
Document Number / Numéro du document :

**PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)**

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input checked="" type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET- SIGINT TRÈS SECRET - SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input type="checkbox"/> SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:  
Commentaires spéciaux : ACCESS TO CONTROLLED SITE/AREA MUST BE ESCORTED

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.

REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?  
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? ☐ No ☒ Yes  
Non Oui  
If Yes, will unscreened personnel be escorted?  
Dans l'affirmative, le personnel en question sera-t-il escorté? ☒ No ☐ Yes  
Non Oui  
**On DND premises, unscreened pers. may only access public/reception zones**

**PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)**

**INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS**

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?  
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? ☐ No ☒ Yes  
Non Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?  
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? ☒ No ☐ Yes  
Non Oui

**PRODUCTION**

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?  
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? ☒ No ☐ Yes  
Non Oui

**INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)**

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?  
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? ☐ No ☒ Yes  
Non Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?  
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? ☒ No ☐ Yes  
Non Oui



**PART C - (continued) / PARTIE C - (suite)**

For users completing the form **manually** use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.

Les utilisateurs qui remplissent le formulaire **manuellement** doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form **online** (via the Internet), the summary chart is automatically populated by your responses to previous questions.

Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

**SUMMARY CHART / TABLEAU RÉCAPITULATIF**

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL		COSMIC COSMIC TRÈS SECRET	A	B	C	CONFIDENTIEL		TRÈS SECRET
Information / Assets Renseignements / Biens	<input checked="" type="checkbox"/>															
Production	<input type="checkbox"/>															
IT Media / Support TI	<input checked="" type="checkbox"/>															
IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?

La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

☒ No  
Non

☐ Yes  
Oui

**If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".**

**Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.**

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?

La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?

☒ No  
Non

☐ Yes  
Oui

**If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).**

**Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquer qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).**



**PART D - AUTHORIZATION / PARTIE D - AUTORISATION**

13. Organization Project Authority / Chargé de projet de l'organisme

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	<b>AKBARI, YUSEF 040</b> <small>Digitally signed by AKBARI, YUSEF 040 Date: 2023.04.27 15:57:47 -04'00'</small>
Yusef Akbari	PM TIC3 Air		
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
343-549-0449		yusef.akbari@forces.gc.ca	

14. Organization Security Authority / Responsable de la sécurité de l'organisme

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	
Sasa Medjovic	Senior security analyst		
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
(613) 996-0286		sasa.medjovic@forces.gc.ca	

15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached?  
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?

☒ No / Non ☐ Yes / Oui

16. Procurement Officer / Agent d'approvisionnement

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date

17. Contracting Security Authority / Autorité contractante en matière de sécurité

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature	
<b>APPROVED</b> <i>By Denis Lecompte at 1:35 pm, May 16, 2023</i>			
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date