

**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 0A1 / Noyau 0A1
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

Title - Sujet LCSS CABLE ASSEMBLIES		
Solicitation No. - N° de l'invitation W8476-134421/A		Date 2013-10-11
Client Reference No. - N° de référence du client W8476-134421		
GETS Reference No. - N° de référence de SEAG PW-\$\$QD-025-24074		
File No. - N° de dossier 025qd.W8476-134421	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-11-12		Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Enquiries to: - Adresser toutes questions à: Dewar, Francine		Buyer Id - Id de l'acheteur 025qd
Telephone No. - N° de téléphone (819) 956-5974 ()		FAX No. - N° de FAX (819) 956-6907
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:		

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Defence Communications Division. (QD)
11 Laurier St./11, rue Laurier
Place du Portage, Phase III, 8C2
Gatineau, Québec K1A 0S5

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

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PART 1 - GENERAL INFORMATION

1. INTRODUCTION

The bid solicitation is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided;
- Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Requirement, Deliverables List, Insurance Requirements, Deliverable Data, Federal Contractors Program for Employment Equity-Certification, Technical Evaluation Criteria and Tables, Bidder Certifications, and the Non-Disclosure Agreement.

2. SUMMARY

Requirement

As part of the Land Command Support System Life Extension (LCSS LE) project, the Department of National Defence (DND) has a requirement for the provision of the following items:

- 1) a firm quantity of LCSS cable assemblies, as listed at Annex "B", Table B-1;
and
- 2) two (2) options to procure additional quantities of certain LCSS cable assemblies, which may be exercised in whole or in part, as listed at Annex "B", Table B-2.

Technical Data – Availability of Drawings

The cable assemblies must be produced in compliance with the specifications provided by Canada.

The Department of National Defence (DND) Technical Data referred to in this RFP will be forwarded to the Bidder under separate cover, upon fulfilment of the conditions in Part 3 – Bid Preparation Instructions – Section 1.1.

Period of Performance

The Contractor will manufacture and deliver the items listed above during the period from Date of Award of Contract up to and including 31 March 2015.

Code of Conduct for Procurement

Bidders must provide a list of names, or other related information as needed, pursuant to section 01 of

Standard Instructions 2003.

Trade Agreements

This requirement is for “excluded” goods under Federal Supply Classification (FSC) N5900 – Electrical and Electronic Equipment Components, sub-category 5995 – Cable, Cord and Wire Assemblies. Therefore, only the Agreement on Internal Trade (AIT) applies to this requirement.

Canadian Goods

The requirement is subject to a preference for Canadian Goods and/or Services.

Controlled Goods Program Registration

The procurement is subject to the Controlled Goods Program.

Federal Contractors Program

There is a Federal Contractors Program (FCP) for employment equity requirement associated with this procurement; see Part 5 – Certifications, Part 7 – Resulting Contract Clauses, and Annex “E”, *Federal Contractors Program for Employment Equity – Certification*.

3. DEBRIEFINGS

After contract award, 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 of receipt of the results of the solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 – BIDDER INSTRUCTIONS

1. STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS

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

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

The 2003 (2013-06-01), 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: sixty (60) days

Insert: ninety (90) days

1.1 SACC Manual Clauses

1.1.1 No Substitutes B4024T (2006-08-15)

1.1.2 Long Lead Time Item List B4049T (2008-05-12)

1.2 Condition of Material:

Material supplied must be new and conform to the latest issue of the applicable drawing, specification and/or part number that is in effect on the bid solicitation closing date.

Such material must also:

- a. be off-the-shelf, meaning it must be composed of standard equipment requiring no further research or development;
- b. is not past its expiration date; and
- c. conform to the version of the applicable specification or part number of the manufacturer as specified in the Technical Data Package.

Materials that have been refurbished or are certified as "equal to new quality" are not acceptable.

By supplying the deliverable items, the Contractor is guaranteeing that the materials are not counterfeit, meaning they are not unauthorized copies, replicas, or substitutes for products manufactured by the original equipment manufacturer identified by name on the material.

2. SUBMISSION OF BIDS

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

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

3. ENQUIRIES – BID SOLICITATION

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 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 questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

4. 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.

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

PART 3 – BID PREPARATION INSTRUCTIONS

1. BID PREPARATION INSTRUCTIONS

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

Section I: Technical Bid (five (5) hard copies and two (2) soft copies readable by Microsoft Office 2003 Suite or Adobe PDF format on CD-ROM or DVD);

Section II: Financial Bid (two (2) hard copies and one (1) soft copy readable by Microsoft Office 2003 Suite or Adobe PDF format on CD-ROM or DVD); and

Section III: Certifications (two (2) hard copies).

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

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process *Policy on Green Procurement*

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>).

To assist Canada in reaching its objectives, bidders should:

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

1.1 Government Furnished Information

The reference documents identified as Government Furnished Information in Table A2-2 of Appendix A2 to Annex A, are available from the Contracting Authority on request. The document versions that will be provided reflect those currently in use.

The Bidder must be registered, exempt or excluded under the Controlled Goods Program (CGP) before receiving the information. Requests for reference documents related to controlled goods are to be made in writing to the Contracting Authority identified in the bid solicitation and must contain the CGP registration number or written proof of exemption or exclusion of the Bidder and of any other person to

whom the Bidder will give access to the controlled goods.

The Bidder must also provide a fully executed original copy of the Non-Disclosure Agreement (NDA) at **Annex “H”**, with the request for reference documents.

Such requests should be addressed as follows:

By e-mail: francine.dewar@tpsgc-pwgsc.gc.ca

By courier: Attention: Francine Dewar (PWGSC) 819-956-5974

By regular mail:

Public Works and Government Services Canada
Defence Communications Division
11, rue Laurier
Place du Portage III, 8C2
Gatineau (QC) K1A 0S5
Attention: Francine Dewar

2. BID CONTENT

2.1 Section I: Technical Bid

2.1.1. In their technical bid, bidders should demonstrate their understanding of the requirements set out in Annex “A”, Requirement and explain how they will meet the specific requirements detailed in both Annex “A” and Annex “F”, Technical Evaluation Criteria and Tables. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

2.1.2 Environmental Health and Safety

Bidders must complete and submit as part of their bid the Environmental Health and Safety (EHS) Performance Survey detailed at Annex "F", Table F1-4.

2.2 Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment, and must include in their financial bid a completed copy of the “Financial Bid Presentation Sheet” at Table B-3, of Annex “B”. The total amount of Applicable Taxes must be shown separately.

Bidders must bid on all items.

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2.3 Exchange Rate Fluctuation

The requirement does not provide for exchange rate fluctuation protection. Any request for exchange rate fluctuation protection will not be considered and will render the bid non-responsive.

2.4 Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. EVALUATION PROCEDURES

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.
- (c) The evaluation team will determine first if there are three (3) or more bids with a valid Canadian Content certification. In that event, the evaluation process will be limited to the bids with the certification; otherwise, all bids will be evaluated. If some of the bids with valid certification are declared non-responsive, or are withdrawn, and fewer than three responsive bids with a valid certification remain, the evaluation will continue among those bids with a valid certification. If all bids with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other bids received will be evaluated.

1.1 Submission Evaluation

Bids will be evaluated against all the requirements of the RFP. Those not meeting all requirements will be declared non-responsive and will receive no further consideration.

1.2 Technical Evaluation

The technical bids will be evaluated by the Department of National Defence (DND) Technical Evaluation Committee.

- (a) Mandatory Criteria: The Technical Evaluation Committee will assess technical bids against mandatory technical requirements. Bids not meeting all mandatory criteria will be declared Non-responsive and will receive no further consideration.
- (b) Rated Criteria: Bids having met all mandatory criteria will be further evaluated by the Technical Evaluation Committee against point-rated technical criteria, from which the *Total Technical Evaluation Points* will be determined.

Following completion of the technical evaluation, DND will provide PWGSC with a detailed report of the evaluation results, identifying the responsive bids and the *Total Technical Evaluation Points* obtained by each one, as well as the unsuccessful bids and the reason(s) for their having been declared non-responsive.

Mandatory and point-rated technical evaluation criteria are detailed at Annex F.

1.3 Financial Evaluation

PWGSC will conduct the evaluation of the Financial Bid, to determine its *Total Bid Price*. These results, along with those obtained in the Technical Evaluation will be used to determine the *Price per Point*, as detailed in section 2 below.

The Bidder must provide firm unit prices for each contract line item number (CLIN) listed at Table B-3 of

Annex B. The Bidder is requested to provide in an electronic copy of Table B-3 in MS Excel format, in addition to the paper copy.

The information contained in Table B-3 will generate the Bidder's *Total Bid Price*, which will be used in the selection process, detailed in Section 2 below.

1.3.1 Mandatory Financial Criteria

1. The price of the bid will be evaluated as follows:
 - a. Canadian-based bidders must submit firm prices, Canadian customs duties and excise taxes included, and Applicable Taxes excluded.
 - b. Foreign-based bidders must submit firm prices, Canadian customs duties, excise taxes and Applicable Taxes excluded. Canadian customs duties and excise taxes payable by Canada will be added, for evaluation purposes only, to the prices submitted by foreign-based bidders.
2. Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
3. Although Canada reserves the right to award the Contract either on an FOB plant or FOB destination, Canada requests that bidders provide prices FOB their plant or shipping point and FOB destination. Bids will be assessed on an FOB destination basis.
4. For the purpose of the bid solicitation, bidders with an address in Canada are considered Canadian-based bidders and bidders with an address outside of Canada are considered foreign-based bidders.

2. BASIS OF SELECTION – Lowest Price per Point

To be declared responsive, a bid must:

- (a) comply with all the requirements of the bid solicitation;
- (b) meet all mandatory technical evaluation criteria; and
- (c) obtain the required minimum points for the technical evaluation criteria which are subject to point rating.

Bids not meeting (a), (b), or (c) will be declared non-responsive. Neither the responsive bid that receives the highest number of points nor the one that proposed the lowest price will necessarily be accepted. The responsive bid with the lowest evaluated price per point, which is determined in accordance with section 2.1 below, will be recommended for award of a contract.

2.1 Determination of Price per Point

The *Price per Point* of each responsive bid will be calculated by dividing the *Total Bid Price* (determined

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per Section 1.3) by the *Total Technical Evaluation Points* (determined per Section 1.2).

$$\text{Price per Point} = \frac{\text{Total Bid Price}}{\text{Total Technical Evaluation Points}}$$

The bid offering the lowest Price per Point will be recommended for award of a contract.

PART 5 – CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. 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 during the bid evaluation period or during the contract period.

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

1. MANDATORY CERTIFICATIONS REQUIRED PRECEDENT TO CONTRACT AWARD

1.1 Code of Conduct and Certifications – Related Documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications – Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 Federal Contractors Program for Employment Equity – Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list :

(http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)

available from Human Resources and Skills Development Canada (HRSDC) – Labour's website.

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, when the Contract is valued at \$1,000,000 and above, Applicable Taxes included.

The Bidder must provide the Contracting Authority with a completed Annex "**E**" 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 "**E**" Federal Contractors Program for Employment Equity – Certification, for each member of the Joint Venture.

2. ADDITIONAL CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND CERTIFICATIONS REQUIRED WITH THE BID

Bidders must submit the certifications as provided below:

2.1 Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

2.1.1 Insurance Certification

Bidders are required to submit a letter from an insurance broker or an insurance company licensed to operate in Canada per Part 6, Article 4 herein.

2.2 Additional Certifications Required with the Bid

Bidders must submit the following duly completed certifications with the bid.

2.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in SACC clause A3050T, may be considered.

Failure to provide the certification shown at Appendix "G1" to Annex "G", duly completed, with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that a minimum of 80% of the total bid price consists of Canadian goods as defined in paragraph 1 of Clause A3050T.

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult Annex 3.6.(9), Example 2, of the *Supply Manual*.

2.2.2 Canadian Content Definition

SACC Manual clause A3050T (2010-01-11) Canadian Content Definition

PART 6 – SECURITY, FINANCIAL AND OTHER REQUIREMENTS

1. SECURITY REQUIREMENT

There is no security requirement associated with this RFP.

2. FINANCIAL CAPABILITY

SACC Manual Clause A9033T (2012-07-16), Financial Capability

3. CONTROLLED GOODS REQUIREMENT

SACC Manual Clause A9130T (2011-05-16), Controlled Goods Program

4. INSURANCE REQUIREMENTS

The Bidder must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Bidder, if awarded a contract as a result of the bid solicitation, can be insured in accordance with the Insurance Requirements specified in **Annex C**.

If the information is not provided in the bid, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

5. QUALITY PLAN - SOLICITATION

The Bidder must submit a Quality Plan, in accordance with Annex “A”, Section 3.4.2.1, CDRL 006 and DID PM-006, with the bid. The Quality Plan must be in the same format that will be used after award of contract.

The Quality Plan may reference other documents. Where referenced documents do not already exist, but are required by the Quality Plan, the plan must identify them and also identify when, how and by whom they will be prepared and approved. The documents referenced in the Quality Plan must be made available when requested by Public Works and Government Services Canada or the Department of National Defence.

PART 7 – RESULTING CONTRACT CLAUSES

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

1. REQUIREMENT

The Contractor must provide the goods described at **Table B-1 of Annex “B”, Deliverables List – Firm Requirement**, in accordance with the Requirement at Annex A.

1.1 Optional Goods

The Contractor grants to Canada the irrevocable option to acquire the goods described at Table B-2 of Annex “B”, **“Deliverables List – Optional Additional Quantities”**, under the same conditions and at the prices stated in the Contract. The option(s) may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time, no less than 30 days before the expiry of the Contract by sending a written notice to the Contractor.

1.2 Procedures for Design Change or Additional Work

These procedures must be followed for any design change or additional work.

1.2.1 When Canada Requests a Design Change or Additional Work

- 1) The Technical Authority will provide the Contracting Authority with a description of the design change or additional work in sufficient detail to allow the Contractor to provide the following information:
 - (a) any impact of the design change or additional work on the requirement of the Contract;
 - (b) a price breakdown of the cost (increase or decrease) associated with the implementation of the design change or the performance of the additional work using the appropriate form from DND standard D-02-006-008/SG-001 *The Design Change, Deviation and Waiver Procedure*; and
 - (c) a schedule to implement the design change or to perform the additional work and the impact on the contract delivery schedule.
- 2) The Contracting Authority will then forward this information to the Contractor.
- 3) The Contractor will return the completed form to the Contracting Authority for evaluation and negotiation. Once agreement has been reached, the form must be signed by all parties in the appropriate signature blocks. This constitutes the written authorization for the Contractor to proceed with the work, and the Contract will be amended accordingly.

1.2.2 When the Contractor Requests a Design Change or Additional Work

- 1) The Contractor must provide the Contracting Authority with a request for design change or additional work in sufficient detail for review by Canada.
- 2) The Contracting Authority will forward the request to the Technical Authority for review.
- 3) If Canada agrees that a design change or additional work is required, then the procedures detailed in paragraph 1.2.1 are to be followed.
- 4) The Contracting Authority will inform the Contractor in writing if Canada determines that the design change or additional work is not required.

1.2.3 Approval

The Contractor must not proceed with any design change or additional work without the written authorization of the Contracting Authority. Any work performed without the Contracting Authority's written authorization will be considered outside the scope of the Contract and no payment will be made for such work.

2. 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, and will apply to and form part of this contract.

2.1 General Conditions

2030 (2013-06-27), General Conditions – Higher Complexity – Goods, apply to and form part of the Contract.

3. SECURITY REQUIREMENT

There is no security requirement applicable to this contract.

4. TERM OF CONTRACT**4.1 Delivery Date**

The Contractor is requested to deliver in accordance with the schedule shown at Appendix "A1" to Annex "A".

5. AUTHORITIES

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Francine Dewar
Public Works and Government Services Canada
Acquisitions Branch
Electronics, Munitions and Tactical Systems Procurement Directorate
PdP III, 8C2
Gatineau, Quebec K1A 0K2

Telephone: 819-956-5974 Facsimile: 819-956-6907
E-mail address: francine.dewar@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.

5.2 Technical Authority

The Technical Authority for the Contract is: _____ (*info to be provided at contract award*)

Name:
Title:
Organization:
Address:

Telephone: Facsimile:
E-mail address:

The Technical Authority named above 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.

5.3 Procurement Authority

The Procurement Authority for the Contract is: _____ (*info to be provided at contract award*)

Name:
Title:
Organization:
Address:

Telephone: Facsimile:
E-mail address:

The Procurement Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for the implementation of tools and processes required for 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.

5.4 Contractor's Representative

The Contractor's representative for the Contract is:

Name / Title: _____

Telephone: _____

Facsimile: _____

E-mail address: _____

6. PAYMENT

6.1 Basis of Payment

6.1.1 Firm Unit Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit or lot prices as applicable, as specified in Annex "B". Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

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

6.2 Method of Payment

6.2.1 **Multiple Payments** *SACC Manual Clause H1001C (2008-05-12)*

6.3 Taxes - Foreign-based Contractor

6.3.1 *SACC Manual Clause C2000C (2007-11-30)*

6.4 Progress Review Meetings

Progress meetings, chaired by the Contracting Authority, will take place in the National Capital Region unless otherwise specified, as and when required, generally once a month. Interim meetings may also be scheduled. Contractor's attendees at these meetings will, as a minimum, be its Contract (Project) Manager, Production Manager (Superintendent) and Quality Assurance Manager. Progress meetings will generally incorporate technical meetings to be chaired by the Technical Authority.

7. INVOICING INSTRUCTIONS

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

in the invoice is completed.

Each invoice must be supported by a copy of the release document and any other documents as specified in the Contract.

2) Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment:

(contact to be inserted at Contract Award)

- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
- (c) One (1) copy must be forwarded to the consignee.

8. CERTIFICATIONS

8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the documentation 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.

8.2 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 HRSDC-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 HRSDC will constitute the Contractor in default as per the terms of the Contract.

8.3 Canadian Content Certification

1. The Contractor warrants that the certification of Canadian Content submitted by the Contractor is accurate and complete, and that the goods, services or both to be provided under the Contract are in accordance with the definition contained in clause A3050T.
2. The Contractor must keep proper records and documentation relating to the origin of the goods, services or both provided to Canada. The Contractor must not, without obtaining before the written consent of the Contracting Authority, dispose of any such records or documentation until the expiration of six (6) years after final payment under the Contract, or until settlement of all outstanding claims and disputes under the Contract, whichever is later. All such records and documentation must at all times during the retention period be open to audit, inspection and examination by the representatives of Canada, who may

make copies and take extracts. The Contractor must provide all facilities for such audits, inspections and examinations, and must furnish all such information as the representatives of Canada may from time to time require with respect to such records and documentation.

3. Nothing in this clause must be interpreted as limiting the rights and remedies which Canada may otherwise have pursuant to the Contract.

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**.

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.

- 1) the Articles of Agreement and Annex B, Deliverables List;
- 2) the general conditions 2030 (2013-06-27), General Conditions – Higher Complexity – Goods;
- 3) Annex A, Requirement;
- 4) Annex C, Insurance Requirements;
- 5) Annex D, Deliverable Data;
- 6) Annex E, Federal Contractor Program for Employment Equity - Certification; and
- 7) the Contractor's bid dated _____.

11. DEFENCE CONTRACT

SACC Manual Clause A9006C (2012-07-16), Defence Contract

12. FOREIGN NATIONALS (Canadian Contractor)

SACC Manual Clause A2000C (2006-06-16), Foreign Nationals (Canadian Contractor)

13. INSURANCE REQUIREMENTS

The Contractor must comply with the insurance requirements specified in Annex "C". The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. Coverage must be placed with an Insurer

licensed to carry out business in Canada. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

14. CONTROLLED GOODS PROGRAM

SACC Manual Clause A9131C (2011-05-16), Controlled Goods Program

SACC Manual Clause B4060C (2011-05-16), Controlled Goods

15. LIMITATION OF CONTRACTOR'S LIABILITY FOR DAMAGES TO CANADA

1. This section applies despite any other provision of the Contract and replaces the section of the general conditions entitled "Liability". Any reference in this section to damages caused by the Contractor also includes damages caused by its employees, as well as its subcontractors, agents, and representatives, and any of their employees.
2. Whether the claim is based in contract, tort, or another cause of action, the Contractor's liability for all damages suffered by Canada caused by the Contractor's performance of or failure to perform the Contract is limited to \$ (*contract value to be added here*) . This limitation of the Contractor's liability does not apply to:
 - a.any infringement of intellectual property rights; or
 - b.any breach of warranty obligations.
3. Each Party agrees that it is fully liable for any damages that it causes to any third party in connection with the Contract, regardless of whether the third party makes its claim against Canada or the Contractor. If Canada is required, as a result of joint and several liability, to pay a third party in respect of damages caused by the Contractor, the Contractor must reimburse Canada for that amount.

16. GOVERNMENT FURNISHED MATERIAL

Canada will provide the Government Furnished Material (GFM) identified at **Appendix A4** to Annex A to the Contractor under the Contract. The Contractor must use the material only for the work under this Contract.

17. QUALITY MANAGEMENT

17.1 Quality Management System

SACC Manual Clause D5540C (2010-08-16), ISO 9001:2008 Quality Management Systems Requirements (QAC Q).

17.2 Quality Assurance Authority

SACC Manual Clause D5510C (2012-07-16), Quality Assurance Authority (DND) Canadian-based Contractor;

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

17.3 Quality Plan

No later than 20 days after the effective date of the Contract, the Contractor must submit for acceptance by the Department of National Defence (DND) a Quality Plan prepared according to the latest issue (at contract date) of ISO 10005:2005 "Quality management systems - Guidelines for quality plans". The Quality Plan must describe how the Contractor will conform to the specified quality requirements of the Contract and specify how the required quality activities are to be carried out, including quality assurance of subcontractors. The Contractor must include a traceability matrix from the elements of the specified quality requirements to the corresponding paragraphs in the Quality Plan.

The documents referenced in the Quality Plan must be made available when requested by Public Works and Government Services Canada or DND.

If the Quality Plan was submitted as part of the bidding process, the Contractor must review and, where appropriate, revise the submitted plan to reflect any changes in requirements or planning which may have occurred as a result of pre-contract negotiations.

Upon acceptance of the Quality Plan by DND, the Contractor must implement the Quality Plan. The Contractor must make appropriate amendments to the Quality Plan throughout the term of the contract to reflect current and planned quality activities. Amendments to the Quality Plan must be acceptable to DND.

If the Contract includes the option for software design, development or maintenance of software, the Contractor must interpret the requirements of ISO 9001:2008 "Quality management systems - Requirements", according to the guidelines of the latest issue (at contract date) of ISO/IEC 90003:2004 "Software engineering - Guidelines for the application of ISO 9001:2000 to computer software".

18. RELEASE DOCUMENTS

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

- 1) One (1) copy: mailed to consignee marked: "Attention: Receipts Officer";
- 2) Two (2) copies: with shipment (in a waterproof envelope) to the consignee;
- 3) One (1) copy: to the Contracting Authority;
- 4) One (1) copy: to the Procurement Authority;

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2

Attention: (to be completed at time of contract award)

- 5) One (1) copy: to the Quality Assurance Representative;
- 6) One (1) copy: to the Contractor; and
- 7) For all non-Canadian contractors, one (1) copy to:
DQA/Contract Administration
National Defence Headquarters
Major George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca

18.2 SACC Manual Clauses

Release documents:

D5606C (2012-07-16), Release Documents (DND), Canadian-based Contractor;
D5604C (2008-12-12), Release Documents (DND), Foreign-based Contractor;
D5605C (2011-01-10), Release Documents (DND), United States-based Contractor.

Packaging/Preparation:

D6010C (2007-11-30), Palletization
D2025C (2008-12-12), Wood Packaging Materials

19. SHIPPING INSTRUCTIONS

19.1 Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid (DDP) to 7 CFSD, Edmonton, Alberta Incoterms 2000 for shipment by a commercial contractor.

19.2 Transportation Costs

The Contractor must ship the goods prepaid via the most direct and economical means including all delivery charges to 7 CFSD, Edmonton, Alberta. Prepaid transportation costs must be shown as a separate item on the invoice, supported by a certified copy of the prepaid transportation bill of lading.

19.3 Preparation for Delivery

19.3.1 For Canadian-Based Contractors

- 1) Preservation and packaging for all items must be in accordance with the Canadian Forces packaging specification D-LM-008-001/SF-001, and must be marked to D-LM-008-002/SF-001. Form Level B "PKG DATA FORM REQD" must be in accordance with D-LM-008-011/SF-001.
- 2) Packaging data forms previously approved by Canadian authorities are acceptable.
- 3) Approved coded packaging data is shown immediately below the description of the item to which it applies. Where no data is shown, the Contractor must submit a packaging data form for approval.

19.3.2 For United States-Based Contractors

1. Preservation and packaging for all items must be in accordance with the current issue of United States (U.S.) Department of Defense Military Standard MIL-STD-2073 and must be marked to MIL-STD-129.
2. Packaging data forms previously approved by U.S. authorities are acceptable.
3. Approved coded packaging data is shown immediately below the description of the item to which it applies. Where no data is shown, the Contractor must submit a packaging data form for approval.

19.4 Markings Instructions

- 1) The Contractor shall apply and position markings on shipping containers and interior containers per Paragraphs 3.7.1, 3.10.1, 3.11.1 and 3.11.9 of D-LM-008-002/SF-001 and as detailed below:

a. On Shipping Containers:

- i. Apply the following markings:

- (1) Identification Markings:

- NATO Stock Number,
- Nomenclature,
- Quantity / Unit of Issue,
- Protection and date markings, and
- Contract Serial Number (as shown on the Contract).

- (2) Special Markings:

- Manufacturer's Part number.

- ii. Apply the following markings using a GS1-128 linear barcode, with the data replicated in human readable form beneath the barcode:

- (1) NATO Stock Number,
- (2) Contract Serial Number,
- (3) Manufacturer's Part Number.

b. On Interior Containers, including unit packs:

- i. Apply the following markings:

- (1) Identification Markings:

- NATO Stock Number,

- Nomenclature,
 - Quantity / Unit of Issue,
 - Protection and date markings.
- (2) Special Markings:
- Manufacturer's Part number.

ii. Apply the following markings using a GS1-128 linear barcode, with the data replicated in human readable form beneath the barcode:

- (1) NATO Stock Number,
- (2) Contract Serial Number,
- (3) Manufacturer's Part Number.

Barcodes shall be applied to the outside of any packaging material through which the barcode is not easily machine readable.

19.5 Condition of Material

Material supplied must be new and conform to the latest issue of the applicable drawing, specification and/or part number that is in effect on the bid solicitation closing date.

Such material must also:

- a. be off-the-shelf, meaning it must be composed of standard equipment requiring no further research or development;
- b. is not past its expiration date; and
- c. conform to the version of the applicable specification or part number of the manufacturer as specified in the Technical Data Package.

Materials that have been refurbished or are certified as "equal to new quality" are not acceptable.

By supplying the deliverable items, the Contractor is guaranteeing that the materials are not counterfeit, meaning they are not unauthorized copies, replicas, or substitutes for products manufactured by the original equipment manufacturer identified by name on the material.

19.6 Shelf Life

The Contractor must ensure that all items will contain 75 percent of the authorized shelf life as listed in ISO 2230 at date of delivery to the Department of National Defence.

19.7 Incomplete Assemblies

The Contractor must not ship incomplete assemblies unless the authorization for such shipment has been obtained before from the Contracting Authority.

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NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

ANNEX A

Requirement

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1. Scope of Work

1.1 Purpose

This Annex A will describe the requirements for the production, test, and delivery of the Land Command Support System (LCSS) Cable Assemblies.

1.2 Background

1.2.1 Cable Assembly Technical Data Package (TDP)

The LCSS Cable Assembly Technical Data Package (TDP) contains all the data arising from cable assembly design and development. It provides all the engineering and technical data required to produce the required cable assemblies, including:

- a. Specifications and Publications applicable to all cable assemblies; and
- b. A Data Package applicable to each cable assembly including:
 - i. Drawings;
 - ii. Parts List (PL);
 - iii. Data List (DL); and
 - iv. Engineering Changes.

1.2.2 Overview of Cable Production Process Requirements

This is a build-to-print manufacturing requirement for the LCSS cable assemblies. As specified above, the explicit design specifications for these products are contained in the LCSS cable assemblies TDP. Additional requirements exist in the following areas:

- Manufacturer qualifications;
- Project planning;
- Manufacturing and testing process and procedure;
- Reporting; and
- Testing.

These requirements are shown in context, within the overview of the anticipated manufacturing process presented below. The work is broken into 5 main phases as shown in Figure 1.

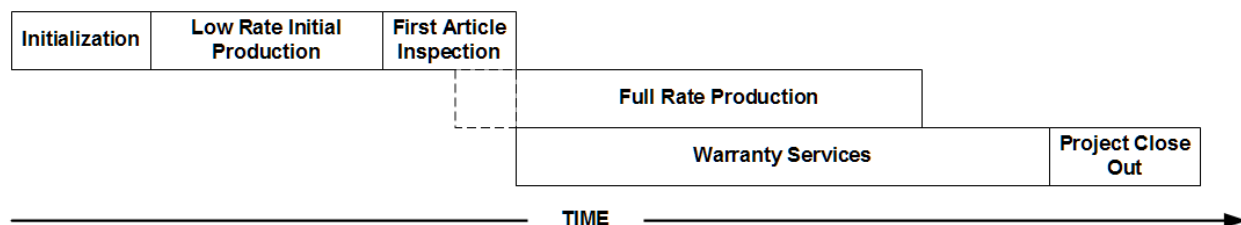


Figure 1: Main Project Phases

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The main items to be conducted in each phase are:

1. **Initialization:**
 - a. Verify Contractor qualifications and equipment as necessary;
 - i. Establish Manufacturing and Assembly Lines;
 - b. Train Personnel (as necessary).
2. **Low Rate Initial Production (LRIP):** Initial, small quantity production of cable assemblies to prove they meet requirements **before authority for Full Rate Production (FRP) is provided**. The main processes for LRIP are listed below:
 - a. Incoming Parts Inspection;
 - b. Manufacture of cable assemblies:
 - i. Assemble cable assemblies;
 - ii. 100% testing of cable assemblies; and
 - iii. Repair and Re-Test (as necessary);
 - c. Produce Reports as necessary;
 - d. Review meetings as necessary;
 - e. First Article Inspection (FAI) – testing process, involving representation by Canada, to ensure the cable assemblies meet acceptance and quality control requirements; and
 - f. Ship LRIP product to DND.
3. **Full Rate Production (FRP):** same as the LRIP process, without the FAI (step e.). Much of the testing is completed on a sampling basis, and the delivery rates of fully acceptable units are higher.
4. **Warranty Services:**
 - a. Repair or replace failed cable assemblies as necessary; and
 - b. Provision of warranty reports summarizing warranty services and issues.
5. **Project Close:**
 - a. Return all Government Furnished Material (GFM) to the Technical Authority (TA); and
 - b. Provide close out reports as necessary.

The above process is the framework for the production requirements detailed in Section 3.

1.2.3 Testing

Testing will be required for every cable assembly. Testing requirements are specific to each cable assembly. Some tests are conducted on all cables, while others are sampled. The type of tests to be conducted includes:

- a. Conductor Continuity Testing;
- b. Dielectric Withstand/Hipot Testing;

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- c. Insulation Resistance Testing;
- d. Inspection;
- e. Signal Analysis Testing;
- f. Pull Testing; and
- g. Contact Pull Testing.

Test requirements are specified in section 3.5.

2. Applicable Documents

Documents listed in Appendix A2 (Referenced Documents) form part of this Annex “A” (Requirement) to the extent specified herein, and are supportive of the Requirement when referenced in Section 3. – Contractor Requirements; all other document references are to be considered supplemental information. Unless otherwise specified, the issue or amendment of documents effective for this Requirement shall be that in effect on the date of Contract Award. In the event of a conflict between the documents referenced herein and the contents of the Requirement, then the contents of the Requirement shall take precedence.

3. Contractor Requirements

3.1 Administrative Requirements

3.1.1 Manufacturing Equipment Calibration and Maintenance

To ensure minimal disruption of production and high production quality, the Contractor shall perform all required preventive and corrective maintenance on the equipment used for cable assembly production. At the request of the TA, the Contractor shall provide the preventive maintenance schedule for any equipment used in cable assembly production and verification that the maintenance was completed. At the request of the TA, the Contractor shall provide details on corrective maintenance on any equipment used in cable assembly production.

3.1.2 Audit, Inspection, and Site Access

The TA reserves the right to witness, oversee, evaluate and audit all Contractor’s efforts to accomplish this Work and maintains the right to approve or reject any or all Contractor Work. The Contractor shall provide the TA with full access to all work, work areas, assembly and build data, metrics, quality reports, test reports, GSM, interim or finished products, and Contractor personnel in the performance of the Work. The TA, Canadian Forces Quality Assurance Representative (QAR), and subcontractors conducting work related to the LCSS cable assemblies that the TA deems necessary, shall have access to the Contractor’s facility to verify and witness any test, assembly, quality issue, process, or attend meetings.

3.1.3 Government Support

During the course of the work, representatives of the TA, including government representatives and representatives of the cable assembly designer, or others identified by the TA will be made available to assist in various tasks such as, Initialization, LRIP, FAI, and FRP. The Contractor

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shall provide access to such TA representatives as specified in section 3.1.2 and shall work together to develop solutions to issues encountered.

3.1.4 Kickoff Meeting

The Contractor shall hold a **meeting at the Contractor's facility** within twenty (20) working days after Contract Award to:

- a. review the details of the contract,
- b. review DND procedures (QA, supply, finance),
- c. clarify areas of confusion,
- d. review and clarify scheduled activities, and
- e. ensure that everyone understands their responsibilities under the Contract.

For planning purposes, up to twelve (12) Government representatives will attend the Kickoff Meeting. The names of the Government representatives attending the Kickoff Meeting will be provided by the CA.

3.1.5 Progress Review Meetings

The Contractor shall hold a Progress Review Meeting (PRM) in the National Capital Region, unless otherwise specified, at least once per month following the Kickoff Meeting and whenever the Technical Authority or the Contract Authority deems it necessary, for the duration of the Contract. The TA may, at its discretion, decrease the frequency of Progress Review Meetings and/or hold the PRM by telecom. Any use of the TA's discretion to reduce the frequency of the PRMs or the manner in which they are conducted i.e. either at the specified location or by telecom shall be communicated by the Contracting Authority. The Contractor shall submit Progress Reports in accordance with CDRL 005, DID PM-005. The Contractor shall submit and maintain a Master Project Schedule (MPS) in accordance with CDRL 004, DID PM-004.

3.1.6 Contract Closeout Meeting

The Contractor shall hold a Contract closeout meeting in the National Capital Region, unless otherwise specified, to close out the project. Details of the closeout meeting, as well as the number and names of Government representatives attending the meeting, will be provided by the CA.

3.1.7 Agendas

The Contractor shall submit meeting agendas and materials in accordance with CDRL 001, DID PM-001.

3.1.8 Meeting Minutes

The Contractor shall submit meeting minutes in accordance with CDRL 002, DID PM-002.

3.1.9 Action Item (AI) Registry

The Contractor shall submit and maintain an Action Item registry in accordance with CDRL 003, DID PM-003.

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3.1.10 Reporting

The Contractor shall submit the data deliverables specified in Annex D, Deliverable Data, of the Contract. The TA may decrease the frequency of delivery of any data deliverable at its discretion. Changes to the frequency of delivery of any data deliverable will be formally authorized by contract amendment.

3.2 Government Furnished Information

Government Furnished Information (GFI), including the TDP, is identified in Appendix A2 of Annex A. The Contractor shall be responsible for accepting the asset and advising the Technical Authority of any discrepancies. Items shall be returned to DND upon completion of the Contract.

3.3 Government Furnished Material

Government Furnished Material shall be provided as noted in Appendix A-4.

3.4 Production Requirements

The Contractor shall build the cable assemblies listed in Appendix A1 to Annex A at Table A1-1, iaw the TDP, which is referenced at Table A2-2 of Appendix A2 to this Annex. Options for implementation are specified within the TDP. The Contractor shall not deviate from the TDP unless authorized by way of a Design Change, Deviation or Waiver approved per the provisions of the Contract. The required quantity of each cable type is indicated in the "Total Quantity" column of Table A1-1. Options, by cable type and quantity, are noted in the "First Optional Qty" and "Second Optional Quantity" columns, respectively, of Table A1-1. Each option may be exercised in whole or in part.

3.4.1 Workmanship

3.4.1.1 Standards

The Contractor shall follow IPC/WHMA-A-620B Class 3 standards for the production, assembly, inspection, test, and repair of the cable assemblies for the duration of the Contract. The acceptability of the workmanship performed by the Contractor for all cable assemblies shall be in accordance with the current issue of IPC/WHMA-A-620B.

3.4.1.2 Qualification

All Contractor cable assembly fabricators shall be trained and certified to IPC/WHMA-A-620B. The Contractor shall provide training to its personnel as required such that these qualifications are maintained for the duration of Production and the Warranty Period.

3.4.2 Quality Management

3.4.2.1 Quality Plan

The Contractor shall produce a Quality Plan per CDRL 006, DID PM-006 and make amendments as required throughout the term of the Contract to reflect current and planned

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quality activities. Upon acceptance by DND of the Quality Plan and any amendments, the Contractor shall implement the Quality Plan.

3.4.3 Production Line Down Notification

The Contractor shall advise the TA within 48 hours of a production line down situation. The Contractor shall specify to the TA:

- a. the length of time the production line is expected to be down,
- b. the reason for the line down situation,
- c. corrective measures being implemented,
- d. expected date of return to partial or full production,
- e. impact on delivery schedule, and
- f. how the Contractor will make up for the reduced deliveries during the line-down situation.

3.4.4 Long Lead-Time Items

The Contractor shall review Bills of Material (BOM) and identify all long lead-time components that could affect the delivery schedule. In addition to the initial review of long lead-time components provided as part of the response to the RFP, long lead-time issues shall be reported in the Supply Chain Sub-report of the Progress Report (CDRL 005, DID PM-005).

3.4.5 Obsolescence

The Contractor shall keep current of obsolescence issues that could affect the build schedule. Obsolescence issues shall be reported in the Supply Chain Sub-report of the Progress Report (CDRL 005, DID PM-005). With respect to obsolescence issues affecting the contract period, if a component is, or will become unobtainable due to obsolescence, the Contractor shall advise the TA within 5 working days of its findings. Where feasible and only in respect of obsolescence the Contractor may recommend alternative parts, via a Design Change, Deviation or Waiver in accordance with the terms of the Contract.

3.5 Test Requirements

The Contractor shall complete the tests specified herein. The test infrastructure used to implement the required tests is the responsibility of the Contractor. **Table 1** lists the tests required for each cable. Other tests specified in IPC/WHMA-A-620B that are not contained within **Table 1** are not required (e.g. Section 19.5.2 – Shorts). Signal Analysis testing consists of the following:

- a. Ethernet Test: The Contractor shall test:
 - i. All Ethernet channels (i.e. pairs) simultaneously;
 - ii. For each Ethernet channel, transfer a randomly generated stream, at the maximum rate of 100 Mbps for a duration of 2 minutes;
 - iii. Measure the Bit Error Rate (BER) for each transfer; and
 - iv. If the measured BER is $\geq 1 \times 10^{-10}$, the cable is considered Nonconforming.

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- b. Serial Test: The Contractor shall test:
- All serial channels (i.e. pairs) simultaneously;
 - For each serial channel, transfer a randomly generated stream, at the maximum rate of RS-232C of 115,200 bits per second for a duration of 2 minutes;
 - Measure the Bit Error Rate (BER) for each transfer; and
 - If the measured BER is $\geq 1 * 10^{-12}$, the cable is considered Nonconforming.
- c. USB Test: The Contractor shall test the USB cable by:
- Taking a known 10 MByte file, called the Source File, and calculate the checksum (e.g. MD5 checksum);
 - Transfer the Source File in a test environment so the file must transfer across the USB element of the cable assembly under test;
 - Calculate the checksum of the transferred file, called the Destination File;
 - Compare the checksum of the Source File and Destination File; and
 - If the checksum of the Source File and Destination File are not identical the cable is considered Nonconforming.

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**TABLE 1 –
Test Requirements**

Sample Size		100%	100%	100%	100%	100%	TIGHTENED: 10% NORMAL: 5%: REDUCED: 2%	TIGHTENED: 10% NORMAL: 5%: REDUCED: 2%	100%
Test Type		Inspection	Continuity	Dielectric Withstand Voltage	Insulation Resistance	Voltage Standing Wave Ratio (VSWR)	Pull Force (Tensile)	Contact Retention Verification	Signal Analysis
Part#	PART DESCRIPTION	As per requirements of IPC/WHMA- A-620	As per IPC/WHMA- A-620B, Section 19.5.1	As per IPC/WHMA- A-620B, Section 19.5.3	As per IPC/WHMA- A-620B, Section 19.5.4	As per IPC/WHMA- A-620B, Section 19.5.5	As per IPC/WHMA-A- 620B, Section 19.7.2	As per IPC/WHMA-A- 620B, Section 19.7.5	As per Section 3.5
0976321	ELAN-301	Y	Y	Y	Y	N	Y	Y	Ethernet
0976324	ELAN-303	Y	Y	Y	Y	N	Y	Y	Ethernet
0976388	ELAN-306	Y	Y	Y	Y	N	Y	Y	Serial
0976332	ELAN-314	Y	Y	Y	Y	N	Y	Y	Ethernet/Serial/USB
0976486	ELAN-315	Y	Y	Y	Y	N	Y	Y	Ethernet/Serial
0976649	ELAN-319	Y	Y	Y	Y	N	Y	Y	Serial
0976463	ELAN-320	Y	Y	N	Y	N	Y	Y	Ethernet
0976467	ELAN-321	Y	Y	Y	Y	N	Y	Y	Ethernet
0976466	ELAN-322	Y	Y	Y	Y	N	Y	Y	Ethernet
0976496	ELAN-326	Y	Y	Y	Y	N	Y	Y	Ethernet/Serial/USB
0976534	ELAN-328	Y	Y	Y	Y	N	Y	Y	Ethernet/Serial
0976322	ELAN-333	Y	Y	Y	Y	N	Y	Y	Ethernet/Serial
9375922	PWR-008	Y	Y	Y	Y	N	Y	Y	N
9375923	PWR-013	Y	Y	Y	Y	N	Y	Y	N
0477246	PWR-070	Y	Y	Y	Y	N	Y	Y	N

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0477245	PWR-071	Y	Y	Y	Y	N	Y	Y	N
0976319	PWR-090	Y	Y	Y	Y	N	Y	Y	N
0976342	PWR-091	Y	Y	Y	Y	N	Y	Y	N
0976464	PWR-093	Y	Y	Y	Y	N	Y	Y	N
0976498	PWR-094	Y	Y	Y	Y	N	Y	Y	N
0976532	PWR-096	Y	Y	Y	Y	N	Y	Y	N
0976574	PWR-097	Y	Y	Y	Y	N	Y	Y	N
9375915	HIDS-001	Y	Y	Y	Y	N	Y	Y	N
9375914	HIDS-133	Y	Y	Y	Y	N	Y	Y	N
0477248	HIDS-204	Y	Y	Y	Y	N	Y	Y	Ethernet
0677447	HIDS-213	Y	Y	Y	Y	N	Y	Y	Ethernet
9375913	CNR-001	Y	Y	Y	Y	Y	Y	Y	N
9375975	CNR-007	Y	Y	Y	Y	Y	Y	Y	N
0477255	CNR-040	Y	Y	Y	Y	Y	Y	Y	N
9376080	CNR-025	Y	Y	Y	Y	Y	Y	Y	N
9383331	CNR-033	Y	Y	Y	Y	Y	Y	Y	N
9383332	CNR-034	Y	Y	Y	Y	Y	Y	Y	N
0078571	VIU BYPASS	Y	Y	Y	Y	N	Y	Y	N
0876502-3	DAGR PWR (PDU)	Y	Y	Y	Y	N	Y	Y	N
987-4640-001	CABLE ASSY, DAGR TO RA-1 CABLE, 5m	Y	Y	Y	Y	N	Y	Y	Serial

Table 1: Cable Assembly Test Requirements

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3.5.1 Sample Testing Procedure

The Contractor shall institute a continuous sampling procedure for test units that are to be sampled in **Table 1**. Sampled units shall be selected at random without regard to their quality. Random sampling requires that each sampled unit in the lot, batch, or production interval has the same probability of being selected for the sample. The Contractor shall enter into continuous sampling at the normal sampling rate and switch between sampling rates as defined below:

- a. Normal to Tightened: When normal inspection is in effect, tightened inspection shall be instituted when 2 nonconforming units are found within the last 5 samples.
- b. Tightened to Normal. When tightened inspection is in effect, normal inspection may be instituted when the following conditions are both satisfied:
 - i. The cause for producing the nonconformances is corrected; and
 - ii. No nonconforming units have been found within the last 5 samples.
- c. Normal to Reduced. When normal inspection is in effect, reduced inspection may be instituted when the following conditions are all satisfied:
 - i. No nonconforming units have been found within the last 5 samples;
 - ii. Production is at a steady rate; and
 - iii. Reduced inspection is approved by the TA.
- d. Reduced to Normal. When reduced inspection is in effect, normal inspection shall be instituted when one of the following conditions occur:
 - i. A nonconforming unit is found;
 - ii. Production becomes irregular or delayed; and
 - iii. Normal inspection is mandated by the TA.

3.5.2 FAI

The FAI shall provide evidence that all engineering design and specification requirements are properly understood, accounted for, verified, and documented by the Contractor.

The Contractor shall provide 2 cable assemblies of each cable assembly type for FAI. These units shall be sampled uniformly from the LRIP production and undergo FAI when they are sampled. All FAI units are to be provided in accordance with Appendix A1 to Annex A.

The Contractor shall provide a First Article Approval Procedure (FAAP) and First Article Inspection Report (FAIR) outline to the TA for approval 30 days before the FAI is to be conducted. The Contractor may use their own format for the FAAP and FAIR. It is suggested, however, that AS9102 Aerospace FAIR is used as guidance to set out the requirements for FAI on cable assemblies.

FAI shall be completed by the Contractor QA group and overseen by the TA QA group.

TA acceptance of the FAIR indicates FAI has been successfully conducted.

The Contractor may continue production while FAI is being conducted at their risk. The TA will not accept any cable assemblies produced during this period until:

- a. FAI has been successfully completed; and
- b. Cable assemblies produced before FAI has been successfully completed are retrofitted and/or modified as required to meet the FAI acceptance criteria.

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Once FAI is successfully completed, the Contractor shall not change the production facility or subcontractor elements without TA permission. If changes to these are approved by the TA, any costs associated with implementing or qualifying the changes (e.g. an additional FAI process) shall be borne by the Contractor.

3.5.3 Test Failures/Repair of Product

3.5.3.1 Repair and Rework Guidelines

As specified in section 3.4.1.1, the Contractor shall follow IPC/WHMA-A-620B standards for workmanship, including repair and retest. The Contractor shall not make more than three repairs to any cable assembly. If the repair limit is exceeded, the cable assembly shall be discarded.

3.5.3.2 Control of Nonconforming Product

The Contractor shall ensure that all nonconforming components, subassemblies, or finished product are not released to the manufacturing floor or the Government.

3.5.3.3 Warranty Returns

Warranty services are to be provided in accordance with the Contract. The Contractor must test Cable Assemblies returned within their warranty period. Units requiring repair will be repaired in accordance with the Contract.

3.5.3.4 TA Investigation into Failure Root Cause

As specified in sections 3.1.2 and 3.1.3, the TA may conduct on-site visits to the Contractor's manufacturing facility(ies) to support the Contractor in finding the root cause of any failure.

3.5.3.5 Test Failures Stop Work

The TA may at any time, by written notice, order the Contractor to suspend or stop the Work in accordance with the Contract should cable assembly test failures equal or exceed 40% of the sampled units on an on-going basis.

3.6 Production Initialization Phase Requirements

The Contractor shall establish the manufacturing and assembly line(s) required to manufacture and assemble the cable assemblies at the rates specified for LRIP production in Appendix A1 to Annex A. The Contractor shall provide all equipment and services necessary to complete LRIP production, testing, and delivery, except for the equipment specified in Appendix A2 - Referenced Documents.

3.7 LRIP Phase Requirements

3.7.1 Incoming Parts Inspection and Handling

The Contractor shall have an incoming parts inspection program to remove faulty components, components past their expiration date, and/or counterfeit components from the cable assembly production process.

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3.7.2 Manufacture, Test, and Repair of Cable Assemblies

The Contractor shall manufacture, test, and repair cable assemblies to meet the specifications identified in the LCSS cable assembly TDP using the test and repair requirements specified in section 3.5.

3.7.2.1 Cable Assembly LRIP Delivery Rate

The Contractor shall deliver LRIP quantity and types of cable assemblies specified in Appendix A1 to Annex A by the dates specified therein.

3.7.3 Production Reporting

During LRIP, the Contractor shall produce the reports specified in section 3.1.10.

3.7.4 Meetings

During LRIP, the Contractor shall conduct the meetings and produce the meeting reports specified in section 3.1.

3.7.5 FAI

During LRIP, the Contractor shall complete FAI as specified in section 3.5.2.

3.8 FRP Phase Requirements

Upon successful completion of FAI, the Contractor shall manufacture and deliver the cable assemblies:

- a. As specified for LRIP (section 3.7), except no FAI is completed; and
- b. At the quantity and type and dates specified in Appendix A1 to Annex A for FRP.

3.9 Environmental Health and Safety Requirements

3.9.1 General

The Contractor must incorporate and document the Environmental Health and Safety (EHS) considerations into the decision-making process for the work performed under the performance of this contract.

The Contractor shall comply and ensure that its employees and subcontractor(s) comply with DND policies, orders, directives, instructions and best practices when accessing DND-owned or controlled lands, buildings or equipment.

The Contractor must ensure that specifications, standards, support documents and test programs are reviewed for EHS compliance and appropriate warnings are included.

The Contractor (and its subcontractors) shall comply in all respects with all Canadian Environmental legislation and their regulations in force, in relation to the provision of goods and services. The Contractor shall provide evidence of compliance with such laws to Canada, such

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as applicable environmental permits, licences, regulatory approvals and certificates required to perform the work at such times as Canada may reasonably request.

3.9.2 Environmental Management System (EMS) and Occupational Health and Safety Management System (OHSMS)

The Contractor shall have a management system in place to control environmental impacts resulting from their activities, products or services. ISO 14001 - Environmental Management Systems; Specification with Guidance for Use - is a benchmark for an effective environmental management system (EMS) applicable to all types and sizes of organizations. Certification to this standard is preferred but not mandatory. The Contractor shall, however, have a formalized set of procedures and control measures in place to achieve conformance with the requirements of this Work, while ensuring environmental protection and pollution prevention.

The EMS requirement is applicable to the Contractor. The Contractor shall make a reasonable effort to monitor and ensure that all subcontractors are in compliance with the applicable environmental laws and regulations.

The Contractor shall keep accurate and complete EHS records, which shall be made available to the Technical Authority only, upon request. During the performance of the Contract and for any period of time thereafter provided in the Contract, request for copies of any document shall be made formally to the Contractor, if required.

The Contractor shall have an occupational health and safety management system consistent with the principles presented in OHSAS 18001.

3.9.3 Controlled Products Definition

Controlled products are defined as those that contain the following substances:

- a) Regulated and proposed to be regulated under the Canadian Environmental Protection Act (CEPA);
- b) Targeted in Schedule I, Toxic Substances List under the CEPA;
- c) Those subject to the reporting requirements under the National Pollutant Release Inventory (NPRI); and
- d) Targeted by the Chemicals Management Plan - List of Challenge Substances; and
- e) Targeted under the Accelerated Reduction/Elimination of Toxic Substances Program.

Controlled Products Instructions: The Contractor shall ensure that appropriate instructions regarding the handling, use, transportation, storage and disposal of Controlled Products are contained in the EHS documentation.

3.9.4 Controlled Products Compliance

The Contractor and its subcontractors shall avoid the use of any controlled products, as part of the work under this contract, where feasible and as dictated by regulatory requirements.

The Contractor shall not increase the number of controlled products in any changes to the existing configuration without a measureable increase in equipment performance or without authorization from the Technical Authority.

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3.9.5 Controlled Products Restrictions

The following specified controlled products are restricted in the following manner:

Halocarbons as identified within the Ozone-Depleting Substances Regulations shall not be incorporated into the design, operation or maintenance of equipment, products, or support services;

Asbestos and Polychlorinated Biphenyls (PCBs) shall not be incorporated into the design, operation or maintenance of equipment, products, or support services;

Mercury and its compounds are listed as a toxic substance in Schedule 1 to the *Canadian Environmental Protection Act, 1999*. Consequently, the Contractor shall comply with the following requirements:

- a. All Goods sold to the Crown shall not contain mercury or its compounds, where technically feasible (*i.e.* fit, form and function requirements are met). The Contractor shall not replace an existing component or add a new equipment component containing mercury, when a mercury-free alternative exists.
- b. For each case where Goods must contain mercury or its compounds, the Contractor shall submit a statement that it is not technically feasible to use a mercury-free Good in its place, and explain why;
- c. Goods containing mercury or its compounds shall comply with mercury content limits specified in any relevant standard;
- d. Where the Goods contain mercury or its compounds, in any shape or form, or where its operation or maintenance requires the use of mercury or its compounds, the Contractor shall provide in tabular format, to the Technical Authority (TA), the following for each occurrence of mercury or its compounds:
 - i. Identification of the Goods as containing mercury or its compounds;
 - ii. NATO Stock Number of the Goods, if available;
 - iii. Description of the Goods:
 - Manufacturer of the item or part containing mercury or its compounds;
 - Manufacturer part number of the item or part containing mercury or its compounds;
 - National Supply Code for Manufacturers (NSCM) / Commercial and Government Entity (CAGE) Code of the item or part containing mercury or its compounds;
 - Description of the mercury or its compounds of the item or part containing mercury or its compounds;
 - The form of mercury or its compounds (*e.g.* liquid, vapour, amalgam, metal halide);
 - The location of the mercury or its compounds on or in the item or part containing mercury or its compounds; and
 - iv. Material Safety Data Sheet, where possible.
- e. The Contractor is responsible to ensure that Goods containing mercury or its compounds are labelled in a readily visible location identifying that the item

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contains mercury or its compounds. The label shall be bilingual and in accordance with the following standard:

- i. The information must be in characters that are at least 3 mm in height, legible and indelible and that are impressed, embossed or in a colour that contrasts with the label's background or the colour of the product as applicable.
- ii. The label must be enclosed by a borderline and easily distinguishable from other graphic material on the product or its package.
- iii. The label must be bilingual and shall include following contents:
 1. A statement "CAUTION/MISE EN GARDE" in characters that are at least 4 mm in height;
 2. A statement that the product contains mercury and the content of mercury in the product in milligrams;
 3. Information on the action to be taken in case of accidental breakage and a description of the risks associated with the use of the product, the address of a website that contains the information, or contact information for a person who can provide that information.
 4. Information on the options available for proper disposal and recycling in accordance with the laws of jurisdiction where the disposal or recycling to take place, the address of a website that contains the information, or contact information for a person who can provide that information.
 5. A warning that the product should be managed in accordance with the applicable disposal or recycling laws.
 6. The "Hg" symbol encircled by a line on a readily visible location on the product where the characters are at least 3 mm in height which are impressed, embossed or in a colour that contrasts with the label's background or the colour of the product as applicable.
 7. If the product is not large enough to accommodate the information, the information must be:
 - a. In a readily visible location on the package in which the product is sold or offered for sale; or
 - b. In a notice attached to the product or in a manual that accompanies the product, if there is no package, or if the package is not large enough to accommodate the information; and
 - c. In both official languages.
- f. Technical documentation provided by the Contractor shall contain:
 - i. Product warning to provide information on the mercury content and other relevant information. The technical document shall also include information on part numbers containing mercury, location, type of mercury, manufacturer's information, mercury content, and MSDS information (refer to Section 3.9.5); and

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- ii. A written work procedure for processes involving the safe handling of mercury-containing equipment, components and materials, shall be included. It shall identify procedures for mercury spills cleanups and disposal procedures. The work procedure shall identify proper Personal Protective Equipment (PPE) in the case of a spill. A warning indicating that the product should be disposed of or recycled in accordance with the applicable laws shall also be included.

3.9.6 Equipment Environmental Assessment

The Contractor shall prepare and submit an Equipment Environmental Assessment (EEA) for TA approval in accordance with CDRL 007 and its associated DID PM-007, detailing the environmental impact of the equipment and all subcomponents during all life cycle phases such as design, engineering and manufacturing, test and evaluation, operation and maintenance, storage and demilitarization and disposal. The EEA shall include Material Safety Data Sheets (MSDSs) that are less than three years old for each hazardous material (HAZMAT) contained in the deliverables. The MSDSs should disclose the chemical ingredient information along with its Chemical Abstract Service Number (CAS number) and % composition. The Contractor may provide confidential information in a separate document. Note: Proprietary information will be treated with confidentiality.

The Contractor shall deliver a completed EEA to the technical authority within 90 days of contract award.

The Contractor must update and maintain the EEA.

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ANNEX C

Insurance Requirements

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- A. Commercial General Liability Insurance
- B. All Risks Property Insurance

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A. COMMERCIAL GENERAL LIABILITY INSURANCE

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.
2. The Commercial General Liability policy must include the following:
 - (a) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
 - (b) Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - (c) Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - (d) Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - (e) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - (f) Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - (g) Employees and, if applicable, Volunteers must be included as Additional Insured.
 - (h) Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - (i) Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
 - (j) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - (k) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - (l) Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
 - (m) Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
 - (n) Litigation Rights: Pursuant to subsection 5(d) of the Department of Justice Act, S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

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Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8

For other provinces and territories, send to:
Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario, K1A 0H8

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

B. ALL RISKS PROPERTY INSURANCE

The Contractor must obtain All Risks Property insurance while the Government Property is under its care, custody or control, and maintain it in force throughout the duration of the Contract, in an amount of not less than \$100,000.00. The Government's Property must be insured on "Replacement Cost" basis.

1. Administration of Claims: The Contractor must notify Canada promptly about any losses or damages to Government Property and monitor, investigate and document losses of or damage to ensure that claims are properly made and paid.
2. The All Risks Property insurance policy must include the following:
 - a. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority at least thirty (30) days written notice of policy cancellation.
 - b. Loss Payee: Canada as its interest may appear or as it may direct.
 - c. Waiver of Subrogation Rights: Contractor's Insurer to waive all rights of subrogation against Canada as represented by the Department of National Defence and Public Works and Government Services Canada for any and all loss of or damage to the property however caused.

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ANNEX D

Deliverable Data

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Deliverable Data

This Annex contains the following Contract Data Requirements List (CDRL) items and their Data Item Descriptions (DIDs) that are called up in the Contract and/or Requirement (Annex A). The CDRL specifies the Deliverable Data required and the DIDs define data content, preparation instructions, format and intended use of the data.

CDRL ITEM No.	DID ID No.	Title
001	PM-001	Meeting Agenda
002	PM-002	Meeting Minutes
003	PM-003	Action Item Registry
004	PM-004	Master Project Schedule
005	PM-005	Progress Report
006	PM-006	Quality Plan
007	PM-007	Equipment Environmental Assessment (EEA)
008	SE-001	Design Change / Deviation
009	SE-002	Request for Waiver
010	SE-003	Production Change Point Record

List of Appendixes:

Appendix D1 – Contract Data Requirements List

Appendix D2 – Data Item Descriptions

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
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Appendix D1

Contract Data Requirements List (CDRL) Format Description

BLOCK 1 - ITEM NUMBER

A sequential three-digit number to uniquely identify the individual data item.

BLOCK 2 - TITLE OR DESCRIPTION

The title of the data item being referred to in this CDRL.

BLOCK 3 - SUBTITLE

The subtitle of the data item for the CDRL if the title requires further identification.

BLOCK 4 - AUTHORITY (Data Item Number)

Indicates the Data Item Description (DID) number to which this CDRL refers.

BLOCK 5 - CONTRACT REFERENCE

The specific article from the Contract or paragraph number from the Requirement, or other applicable document that identifies the work effort associated with the data item.

BLOCK 6 – REQUIRING OFFICE

Identifies the authority responsible for defining the data requirement, and ensuring the adequacy of the delivered data item.

BLOCK 7 - INSPECTION

Indicates the requirement for Inspection and Acceptance of the data item. The following codes are used:

<u>CODE</u>	<u>INSPECTION</u>	<u>ACCEPTANCE</u>
SS	Source	Source
DD	Destination	Destination
SD	Source	Destination
DS	Destination	Source

BLOCK 8 - APPROVAL CODE (APP CODE)

“A” indicates approval of a preliminary draft is required before submission of the final document.

BLOCK 9 - INPUT

“X” indicates that the data represents the integrated results of inputs from associated contractors.

BLOCK 10 - FREQUENCY

Indicates the frequency of delivery of the 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

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MNTHY	Monthly
ONE/R	One time with revisions
OTIME	One time
QRTLY	Quarterly
R/ASR	Revisions as required
SEMIA	Semi-annually
WKLY	Weekly

BLOCK 11 - AS OF DATE

The date that the data item is due, or the constraint if constrained by an event or milestone, if only one submission is required. The following abbreviations are used for constraints:

ASGEN	As generated
ASREQ	As required
DACA	Days after contract award
MACA	Months after contract award
EOM	End of month
EOQ	End of quarter

BLOCK 12 - DATE OF 1ST SUBMISSION

The date that the first submission of the data item is due, or the constraint if constrained by an event or milestone, if multiple submissions are required. The abbreviations listed above for Block 11 are used for constraints.

BLOCK 13 - DATE OF SUBSEQUENT SUBMISSION / SUB EVENT ID

The dates that the subsequent submissions of the data item are due, or the constraint if constrained by an event or milestone, if multiple submissions are required. The abbreviations listed above for Block 11 are used for constraints.

BLOCK 14 - DISTRIBUTION AND ADDRESSEES

The addressees and the respective number of copies (hard copies and soft copies separately), for the first submission and subsequent submissions of the data item. The following addressee abbreviations are used.

CA	Contract Authority
PA	Procurement Authority
TA	Technical Authority

BLOCK 15 - TOTAL

The total number of copies (hard copies and soft copies separately) for the first submission and subsequent submissions of the data item.

BLOCK 16 - REMARKS

Additional or clarifying information.

BLOCKS 17 - 19

These blocks are for Contractor input as required.

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CONTRACT DATA REQUIREMENTS LIST – LISTE DES DONNÉES ESSENTIELLES AU CONTRAT

1. ITEM NUMBER NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION – TITRE OU DESCRIPTION DE DONNÉES		6. REQUIRING OFFICE BUREAU DEMANDEUR			10. FREQUENCY FRÉQUENCE	12. DATE OF 1ST SUBMISSION DATE DE PRÉSENTATION INITIALE	14. DISTRIBUTION AND ADDRESSEES DISTRIBUTION ET DESTINATAIRES (Address – Regular Copies / Destinataire – nombre d'originaux réguliers Repro Copies – prêts à reproduire)				
4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES		5. CONTRACT REFERENCE RENOI AU CONTRAT	7.	8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM-MUN	11. AS OF DATE DATE	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON					
1. 001	2. Meeting Agenda		6. Technical Authority			10. ASREQ (See Block 16)	12. (See Block 16)	14.	1st		Subseq.	
	3.							CA	Hard	Soft	Hard	Soft
4. PM-001		5. Annex A, Paragraph 3.1.7	7.	8. A	9.	11.	13. (See Block 16)	PA		1		1
								TA		1		1
16. REMARKS – REMARQUES								15. TOTAL		3		3
<p><u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Meeting Agendas as required (ASREQ) by the TA, and as a minimum for the Contract Award Meeting and each Progress Review Meeting. In addition to the distribution requirements detailed in Block 14, one (1) hard copy of the Final Meeting Agenda shall be distributed at the meeting to each meeting attendee.</p> <p><u>1st Submission (Block 12):</u> The Contractor shall submit the initial Meeting Agenda prior to the Contract Award (Kickoff) Meeting.</p> <p><u>Subsequent Submission (Block 13):</u> The Contractor shall submit subsequent Meeting Agendas prior to each Progress Review Meeting.</p> <p><u>Approval (Block 8):</u> The Contractor shall submit a Draft Meeting Agenda for review five (5) working days before each meeting. Review comments on the Draft Meeting Agenda will be provided by the Government of Canada within three (3) working days after receiving the Draft Meeting Agenda. The Contractor shall submit the Final Meeting Agenda addressing the Government of Canada's review comments at the meeting.</p>												
17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT												
18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES												
19. ESTIMATED PRICE ESTIMATION DU COUT												

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
Client Ref. No. W8476-134421	File No. 025qd.W8476-134421	Appendix D1 to Annex D

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1. 002	2. Meeting Minutes 3.		6. Technical Authority			10. ASREQ (See Block 16)	12. (See Block 16)		14.	1st Subseq.		17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT										
									CA	Hard	Soft		Hard	Soft								
									PA		1			1								
									TA		1			1								
4. PM-002									5. Annex A, Paragraph 3.1.8		7.	8. A	9.	11.	13. (See Block 16)		15. TOTAL		3		3	18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
16. REMARKS – REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall submit Meeting Minutes as required (ASREQ) by the TA, and as a minimum for the Contract Award Meeting and each Progress Review Meeting. In addition to the distribution requirements detailed in Block 14 one (1) soft copy of the Final Meeting Minutes shall be distributed to each meeting attendee. 1st Submission (Block 12): The Contractor shall submit the initial Meeting Minutes after the Contract Award Meeting. Subsequent Submission (Block 13): The Contractor shall submit subsequent Meeting Minutes after each Progress Review Meeting. Approval (Block 8): The Contractor shall submit the Draft Meeting Minutes within five (5) working days after each meeting. Review comments on the Draft Meeting Minutes will be provided by the Government of Canada within five (5) working days after receiving the Draft Meeting Minutes. The Contractor shall submit the Final Meeting Minutes addressing the Government of Canada's review comments within five (5) working day after receiving the comments.																						
																			19. ESTIMATED PRICE ESTIMATION DU COUT			

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
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1. 003	2. Action Item Registry 3.	6. Technical Authority	10. R/ASR (See Block 16)	12. (See Block 16)	14. <table border="1"> <tr> <td></td> <td colspan="2">1st</td> <td colspan="2">Subseq.</td> </tr> <tr> <td></td> <td>Hard</td> <td>Soft</td> <td>Hard</td> <td>Soft</td> </tr> <tr> <td>CA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> <tr> <td>PA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> <tr> <td>TA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		1st		Subseq.			Hard	Soft	Hard	Soft	CA		1		1	PA		1		1	TA		1		1					
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	Hard	Soft	Hard	Soft																															
CA		1		1																															
PA		1		1																															
TA		1		1																															
4. PM-003	5. Annex A, Paragraph 3.1.9	7.	8. A	9.	11.	13. (See Block 16)																													
16. REMARKS – REMARQUES <p><u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Action Item Registry revisions as required (R/ASR) by the TA, and as a minimum with each Progress Review Meeting. In addition to the distribution requirements detailed in Block 14, one (1) hard copy of the Action Item Registry shall be distributed at Progress Review Meetings, to each meeting attendee, along with the Final Meeting Agenda.</p> <p><u>1st Submission (Block 12):</u> The Contractor shall submit the initial version of the Action Item Registry after the meeting at which action items are first created.</p> <p><u>Subsequent Submission (Block 13):</u> The Contractor shall submit subsequent revisions of the Action Item Registry after each Progress Review Meeting.</p> <p><u>Approval (Block 8):</u> The Contractor shall submit the Draft Action Item Registry revision, accompanying the Draft Meeting Minutes, within five (5) working days after the meeting. Review comments will be provided by the Government of Canada within five (5) working days after receiving the Draft Action Item Registry revision. The Contractor shall submit a subsequent revision addressing the Government of Canada's comments with the Final Meeting Minutes within five (5) working days after receiving the comments.</p>					15. TOTAL	3	3																												

17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
19. ESTIMATED PRICE ESTIMATION DU COUT

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1. 004	2. Master Project Schedule 3.	6. Technical Authority	10. MNTHY (See Block 16)	12. 20 DACA (See Block 16)	14. <table border="1"> <tr> <th></th> <th>1st</th> <th colspan="2">Subseq.</th> </tr> <tr> <th></th> <th>Hard</th> <th>Soft</th> <th>Hard</th> <th>Soft</th> </tr> <tr> <td>CA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> </table>		1st	Subseq.			Hard	Soft	Hard	Soft	CA		1		1
	1st	Subseq.																	
	Hard	Soft	Hard	Soft															
CA		1		1															
4. PM-004	5. Annex A, Paragraph 3.1.5	7.	8.	9.	11.	13. 5 days after EOM (See Block 16)													
					14. <table border="1"> <tr> <td>PA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> <tr> <td>TA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> </table>	PA		1		1	TA		1		1				
PA		1		1															
TA		1		1															
					15. TOTAL	<table border="1"> <tr> <td></td> <td></td> <td>3</td> <td></td> <td>3</td> </tr> </table>			3		3								
		3		3															
16. REMARKS – REMARQUES <u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Master Project Schedule revisions monthly (MNTHY). Master Progress Schedule revisions shall be distributed per Block 14. <u>1st Submission (Block 12):</u> The Contractor shall submit the initial version of the Master Project Schedule within twenty (20) working days after Contract Award (DACA). <u>Subsequent Submissions (Block 13):</u> The Contractor shall submit subsequent revisions of the Master Project Schedule within five (5) working days after the end of each calendar month (EOM).					17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT 18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES 19. ESTIMATED PRICE ESTIMATION DU COUT														

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1. 005	2. Progress Report 3.	6. Technical Authority	10. MNTHY (See Block 16)	12. (See Block 16)	14. <table border="1"> <tr> <th></th> <th>1st</th> <th>Subseq.</th> </tr> <tr> <td></td> <td>Hard</td> <td>Soft</td> </tr> <tr> <td>CA</td> <td>1</td> <td>1</td> </tr> <tr> <td>PA</td> <td>1</td> <td>1</td> </tr> <tr> <td>TA</td> <td>1</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		1st	Subseq.		Hard	Soft	CA	1	1	PA	1	1	TA	1	1			
	1st	Subseq.																					
	Hard	Soft																					
CA	1	1																					
PA	1	1																					
TA	1	1																					
4. PM-005	5. Annex A, Paragraph 3.1.5	7.	8.	9.	11.	13. 5 days after EOM (See Block 16)																	
16. REMARKS – REMARQUES					15. TOTAL	3																	
<p><u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Progress Reports monthly (MNTHY). Progress Reports shall be distributed per Block 14.</p> <p><u>1st Submission (Block 12):</u> The Contractor shall submit the first Progress Report 5 days after end of the month in which the contract is awarded.</p> <p><u>Subsequent Submissions (Block 13):</u> The Contractor shall submit subsequent Progress Reports within five (5) working days after the end of each calendar month (EOM).</p>																							

17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
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1. 006	2. Quality Plan 3.	6. Technical Authority	10. R/ASR (See Block 16)	12. With Bid (See Block 16)	14.	17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT	
					1st Subseq. Hard Soft Hard Soft		
					CA 5 2 1		
4. PM-006	5. RFP, Part 6, Article 5, Contract Article 17.3 Annex A, Paragraph 3.4.2.1	7.	8. A	9.	11.	13. 20 DACA and ASREQ (See Block 16)	18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
16. REMARKS – REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall revise the Quality Plan as required (R/ASR) by the TA. The Quality Plan shall be distributed per Block 14. 1st Submission (Block 12): The Contractor shall submit the initial version of the Quality Plan with the Contractor's bid. Subsequent Submissions (Block 13): The Contractor shall submit the first revision of the Quality Plan within twenty (20) working days after Contract Award (DACA). Subsequent revisions shall be submitted as required (ASREQ). Approval (Block 8): Review comments on the first and subsequent revisions of the Quality Plan will be provided by the Government of Canada within ten (10) working days after receiving the revision. The Contractor shall submit a subsequent revision addressing the Government of Canada's review comments within ten (10) working days after receiving the comments.					15. TOTAL	5 2 3	19. ESTIMATED PRICE ESTIMATION DU COUT

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
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1. 007	2. Equipment Environmental Assessment 3.		6. Technical Authority		10. R/ASR	12. 90 DACA	14.				17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT																
							<table border="1"> <tr> <td></td> <td colspan="2">1st</td> <td colspan="2">Subseq.</td> </tr> <tr> <td></td> <td>Hard</td> <td>Soft</td> <td>Hard</td> <td>Soft</td> </tr> <tr> <td>CA</td> <td></td> <td></td> <td></td> <td>1</td> </tr> </table>						1st		Subseq.			Hard	Soft	Hard	Soft	CA				1	18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
	1st		Subseq.																								
	Hard	Soft	Hard	Soft																							
CA				1																							
4. PM-007	5. Annex A, Paragraph 3.9.6		7.	8. A	9.	11. ASREQ	13. ASREQ	<table border="1"> <tr> <td>PA</td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>TA</td> <td></td> <td>1</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				PA				1	TA		1		1						19. ESTIMATED PRICE ESTIMATION DU COUT
PA				1																							
TA		1		1																							
16. REMARKS – REMARQUES Approval (Block 8): Review comments on the first and subsequent revisions of the Equipment Environmental Assessment will be provided by the Government of Canada within ten (10) working days after receiving the revision. The Contractor shall submit a subsequent revision addressing the Government of Canada's review comments within ten (10) working days after receiving the comments.							15. TOTAL				3																

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
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1. 008	2. Design Change / Deviation 3.	6. Technical Authority	10. ASREQ (See Block 16)	12.	14.	1st Hard Soft Subseq. Hard Soft				
4. SE-001	5. Contract Article 1.2	7.	8. A	9.	11.	13.				
16. REMARKS – REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall submit Design Change / Deviations as required (ASREQ), in accordance with Contract Article 1.2. Design Change / Deviations shall be distributed per Block 14. <u>Approval (Block 8):</u> Approval of all Design Change / Deviations is governed by Contract Article 1.2.					14.	CA		1		
					PA		1			
					TA		1			
					15. TOTAL		3			

17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
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Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
Client Ref. No. W8476-134421	File No. 025qd.W8476-134421	Appendix D1 to Annex D

1. ITEM NUMBER NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION – TITRE OU DESCRIPTION DE DONNÉES 3. SUBTITLE – SOUS TITRE	6. REQUIRING OFFICE BUREAU DEMANDEUR	10. FREQUENCY FRÉQUENCE	12. DATE OF 1ST SUBMISSION DATE DE PRÉSENTATION INITIALE	14. DISTRIBUTION AND ADDRESSEES DISTRIBUTION ET DESTINATAIRES (Address – Regular Copies / Destinataire– nombre d'originaux réguliers Repro Copies – prêts à reproduire)
4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENOI AU CONTRAT	7.	8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM-MUN	11. AS OF DATE DATE
13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON					
1. 009	2. Request for Waiver 3.	6. Technical Authority	10. ASREQ (See Block 16)	12.	14.
					1st Subseq. Hard Soft Hard Soft
					CA 1
4. SE-002	5. Contract Article 1.2	7.	8. A	9.	11.
					13.
					PA 1
					TA 1
16. REMARKS – REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall submit Requests for Waiver as required (ASREQ) in accordance with Contract Article 1.2. Requests for Waiver shall be distributed per Block 14. Approval (Block 8): Approval of all Requests for Waiver is governed by Contract Article 1.2.					15. TOTAL 3

17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
19. ESTIMATED PRICE ESTIMATION DU COUT

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
Client Ref. No. W8476-134421	File No. 025qd.W8476-134421	Appendix D1 to Annex D

1. ITEM NUMBER NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION – TITRE OU DESCRIPTION DE DONNÉES 3. SUBTITLE – SOUS TITRE	6. REQUIRING OFFICE BUREAU DEMANDEUR	10. FREQUENCY FRÉQUENCE	12. DATE OF 1ST SUBMISSION DATE DE PRÉSENTATION INITIALE	14. DISTRIBUTION AND ADDRESSEES DISTRIBUTION ET DESTINATAIRES (Address – Regular Copies / Destinataire– nombre d'originaux réguliers Repro Copies – prêts à reproduire)	
4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7.	8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM-MUN	11. AS OF DATE DATE	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON
1. 010	2. Production Change Point Record 3.	6. Technical Authority	10. ASREQ (See Block 16)	12.	14.	15. TOTAL
4. SE-003	5. Contract Article 1.2	7.	8. A	9.	11.	13.
16. REMARKS – REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall submit Production Change Point Records as required (ASREQ) in accordance with Contract Article 1.2. Production Change Point Records shall be distributed per Block 14. Approval (Block 8): Approval of all Production Change Point Records is governed by Contract Article 1.2.						17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
						18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES
						19. ESTIMATED PRICE ESTIMATION DU COUT

Solicitation No. W8476-134421/A	Amd. No. xxx	Buyer ID 025qd
Client Ref. No. W8476-134421	File No. 025qd.W8476-134421	Appendix D2 to Annex D

Appendix D2 Data Item Descriptions

DID Format Description

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

BLOCK 1 – TITLE

A short descriptive name that identifies its nature and distinguishes it from any other DID.

BLOCK 2 - IDENTIFICATION NUMBER

A number assigned by the originator that uniquely identifies the DID.

BLOCK 3 – DESCRIPTION / PURPOSE

A concise description of the data content requirements that identifies the purpose for which the DID is required.

BLOCK 4 - APPROVAL DATE

Date that the DID was approved by the originator.

BLOCK 5 - OFFICE OF PRIMARY INTEREST (OPI)

The authority responsible for specifying the data requirement.

BLOCK 6 - GIDEP APPLICABLE

“X” indicates that the data is to be submitted by a Government organization or the Contractor to the Government/Industry Data Exchange Program (GIDEP).

BLOCK 7 - APPLICATION / INTERRELATIONSHIP

Provides the application details and interrelationship of the data item to other DIDs or documents.

BLOCK 8 - ORIGINATOR

The originator of the DID.

BLOCK 9 - APPLICABLE FORMS

Indicates any form needed to prepare the data.

BLOCK 10 - PREPARATION INSTRUCTIONS

Describes the data content and format that the data item must satisfy.

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Meeting Agenda		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-001	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET Meeting Agendas are used to publish the venue for, and the topics to be discussed at meetings between representatives of the Government of Canada and the Contractor.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES			
10.1 Format 10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003.			
10.2 Content 10.2.1 The introductory information shall include the following: <ul style="list-style-type: none"> a. Contract Number and Contract Title. b. Title of meeting (e.g. Progress Review Meeting). c. The meeting location, date and start time. d. The overall purpose and/or objective of the meeting. e. Name and title of the Chairperson. f. A list of the names, titles and organizations of persons to attend. 10.2.2 The body shall contain the following two sections: <ul style="list-style-type: none"> a. Review of Action Items – A review of the action items from previous meetings. b. New Business – A chronological listing of the new topics to be discussed. For each topic the following shall be provided: <ul style="list-style-type: none"> i. <u>ID</u> – A number assigned to uniquely identify the topic. ii. <u>Item</u> – The topic title and a brief statement if necessary identifying the purpose and/or objective of the discussion. iii. <u>Sponsor</u> – The name and title of the person responsible for presenting the topic. iv. Estimation of the time to be devoted to the topic. 10.2.3 All documentation required for a meeting shall be distributed with the Meeting Agenda to allow participants to adequately prepare. For Progress Review Meetings this includes a copy of the Action Item Registry as at the end of the previous meeting.			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Meeting Minutes		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-002	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET Meeting Minutes are used to document the discussions at meetings between representatives of the Government of Canada and the Contractor, with particular emphasis on decisions and action items.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The title and numbering of the topics documented in the Meeting Minutes must be consistent with those identified in preceding Meeting Agenda (DID PM-001).			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003. 10.2 Content 10.2.1 The introductory information shall contain the following: <ul style="list-style-type: none"> a. Contract Number and Contract Title. b. Title of meeting (e.g. Progress Review Meeting). c. The meeting location, date and start time. d. The overall purpose and/or objective of the meeting. e. Name and title of the Chairperson. f. A list of the names, titles and organizations of persons that attended and those that were absent. g. Signature blocks for one Contractor approval authority and one Government approval authority. 10.2.2 The body shall contain the following two sections: <ul style="list-style-type: none"> a. Review of Action Items – A review of the action items from previous meetings as follows: <ul style="list-style-type: none"> i. <u>Open</u> – For action items that <i>have not yet been</i> completed, the agenda item and the open action item(s) are to be brought forward from the previous Meeting Minutes to the current Meeting Minutes and annotated with an applicable status indicator such as “On Going” and an appropriate explanation. ii. <u>Recently Closed</u> – For action items that <i>have been</i> completed but not yet recorded as such in any previous Meeting Minutes, the agenda item and recently closed action item(s) are to be brought forward from the previous Meeting Minutes to the current Meeting Minutes and annotated as “Closed” and an appropriate 			

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explanation.

- iii. Previously Closed – Items that were annotated as “Closed” in a previous Meeting Minutes are excluded from subsequent Meeting Minutes.

- b. New Business – The New Business section shall contain the new topics of discussion, organized per the listing provided in the Meeting Agenda. For each item the following shall be provided:

- i. ID – The ID from the Meeting Agenda.
- i. Item – The topic title from the Meeting Agenda.
- ii. Discussion – A brief encapsulation of only the discussion points that are pertinent to understanding the context of the Decision. It's not necessary to document a lengthy record of the entire deliberation.
- iii. Decision – A concise record of the decision reached to fulfil the stated purpose and/or accomplish the stated objective of the discussion as recorded in the Agenda.
- iv. Action – A listing of the action(s) necessary to execute the Decision, and for each action item, the name of the person(s) assigned responsibility for fulfilling them and the key dates.

- 10.2.3 The concluding information shall contain the following:

- a. The proposed date, time and location of any follow-up meeting.

- 10.2.4 Copies of all documentation tabled at the meeting shall be appended to the minutes including:

- a. a copy of the Meeting Agenda.
- b. for Progress review Meetings, a copy of the Action Item Registry as at the end of the meeting.

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Action Item Registry		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-003	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET An ongoing Action Item Registry is used to track the initiation and completion of action items necessary to execute decisions reached at meetings between representatives of the Government of Canada and the Contractor.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The title and numbering of the action items documented in the Action Item Registry must be consistent with those identified in Meeting Minutes (DID PM-002).			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES <p>10.1 Format</p> <p>10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003.</p> <p>10.2 Content</p> <p>10.2.1 The introductory information shall contain the following:</p> <ul style="list-style-type: none"> a. Contract Number and Contract Title. <p>10.2.2 The body shall contain the following (preferably in tabular format with the following represented as columns, and action items represented as rows):</p> <ul style="list-style-type: none"> a. <u>Meeting Date</u> – the date of the meeting at which the action item was initiated and recorded in the Meeting Minutes. b. <u>ID</u> – the number assigned to the agenda item / minute item for which the action item was created. c. <u>Action</u> – an abbreviation of the Action description as recorded in the Meeting Minutes. d. <u>Responsibility</u> – the organization and name of the person(s) assigned responsibility for completing the action. e. <u>Target Date</u> – the target date for completion of the action. f. <u>Status</u> – the current status of the action. <p>10.2.1 The list of action items shall be sorted:</p> <ul style="list-style-type: none"> a. first by Status such that all <i>open</i> action items appear first, followed by all <i>closed</i> action items. Action items that have been closed for more than a month may be removed from the published listing but not from the source data; and b. second by Meeting Date (ascending) such that the “oldest” open action items are listed first. 			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Master Project Schedule		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-004	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Master Project Schedule (MPS) defines and tracks the progress of the activities that must be performed to produce the Contract deliverables against established milestones of a calendar time base by sequencing the activities, identifying interactivity dependencies, estimating activity duration, and tracking activity completion.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The Master Project Schedule shall share a common Work Breakdown Structure (WBS) of deliverables with the Progress Report (DID PM-005).			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Large paper sizes folded to 8.5 x 11 is acceptable. Soft copies shall be compatible with MS Project 2003. 10.2 Content 10.2.1 The MPS shall clearly depict: <ul style="list-style-type: none"> a. <u>Activity Definition</u> – by specifying the activities that must be completed to produce all deliverable items and deliverable data within the scope of the Contract, and the incumbent subactivities. Subcontractor activities and Government of Canada activities upon which Contractor activities have dependencies shall be included in the MPS. b. <u>Activity Sequencing</u> – by defining and accurately representing dependencies between activities and the critical path from start to completion. c. <u>Activity Duration</u> – by identifying the estimated number of work periods that will be needed to complete the individual activities, thereby establishing finish dates and milestones against a calendar time base. d. <u>Activity Completion</u> – by showing actual progress to date toward completion of each activity. 10.2.2 The MPS shall clearly show a “Time Now” line, which indicates the point in time at which the schedule status pertains and indicates which activities are on, behind or ahead of schedule.			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Progress Report		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-005	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Progress Report summarizes the Contractor's progress in relation to the project milestones, schedules, plans and deliverables. It provides the status of project management and manufacturing work achieved versus that planned and highlights risks, problem areas and corrective actions being taken to resolve issues.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The Progress Report shall share a common Work Breakdown Structure (WBS) of deliverables with the Master Project Schedule (DID PM-004). It is intended that the content of the Progress Report (DID PM-005) and that of the Test Report (DID SE-001) are mutually exclusive and together address the progress of the entire project.			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES <div> 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003. </div> <div> 10.2 Content 10.2.1 The Progress Report shall include the following two parts: <ul style="list-style-type: none"> a. Part 1 – Executive Summary; and b. Part 2 – Manufacturing Report. </div> <div> 10.2.2 Part 1 – Executive Summary The Executive Summary shall provide: <ul style="list-style-type: none"> a. a Project Management Summary; and b. a summary of the detailed Manufacturing Report described in Part 2. The Project Management Summary shall include the following information: <ul style="list-style-type: none"> a. Description of overall progress against the Master Project Schedule with explanation of any slippages; b. Progress against major milestones, expected date of completion of near major milestones, problem areas and work around plans where required; c. Identification/update of medium and high risks; </div>			

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- d. Progress for major subcontracts;
- e. Summarized status of each deliverable item;
- f. Summarized status of each data deliverable as called up in the CDRL;
- g. Status of Contract Amendments, Design Changes, Deviations and Waivers;
- h. Status of open Action Items;
- i. New problems/issues and any other areas of concern, interest or importance;
- j. Overall financial review; and
- k. Planned activities for the following reporting period.

The Manufacturing Report summary should be no more than 2 pages in length.

10.2.3

Part 2 – Manufacturing Report

The Manufacturing Report shall include the following sub reports:

- a. Supply Chain Report;
- b. Manufacturing Schedule, Issues, Risks and WIP Report;
- c. Quality Assurance Report; and
- d. Shipping Reporting.

10.2.3.1

Supply Chain Report

The Supply Chain sub Report shall include the following sub sub Reports:

- a. Supply Chain Summary Report;
- b. Component Lead-Time Report;
- c. Last Time Buy Report;
- d. Obsolescence Report; and
- e. Component Update Report.

10.2.3.1.1

Supply Chain Summary Report

The Supply Chain Summary Report shall provide a summary for the following four reports since the previous reporting period, as well as a running summary from the beginning of the Contract.

10.2.3.1.2

Component Lead-Time Report

The Contractor shall discuss their contingencies for reducing the delivery dates of components so that first article units can be delivered per Contract requirements.

The Component Lead Time Report shall detail any long lead items or outsourced sub-assemblies (e.g. metal enclosures) with a delivery date that is greater than six months. The report must also summarize current trends in the industry regarding supply components. Any components impacting the build or delivery schedule shall be redlined, with mention of the supply management contingencies to ensure timely delivery of raw product.

10.2.3.1.3

Last Time Buy Report

Information on last time buys, parts allocation, or lead times being extended in the industry shall be included.

The Contractor shall explain their “Last Time Buy” strategy to accommodate the duration of the contract. If

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	<p>one of their options is to procure up front all the parts for the duration of the build, the Contractor is obliged to describe how they will accommodate components received earlier than normal and how they will make sure parts received early are fully functional when the time comes to use them some time in a future build, e.g. incoming inspection, storage, audits, periodic inspection, processes to maintain part integrity, etc.</p>
10.2.3.1.3	<p>Obsolescence Report</p> <p>With respect to obsolescence issues affecting the Contract Period, the Contractor shall discuss contingencies for obtaining obsolete components so that deliveries can be maintained in accordance with the schedule. Where feasible, the Contractor may recommend alternative parts, not indicated in the AVL, via an Engineering Change, Deviation or Waiver in accordance with the Contract.</p>
10.2.3.1.3	<p>Component Update Report</p> <p>The Contractor shall report all component data sheet updates, revisions or changes. Each issue shall be categorized as either a minor or major change. Issues that are categorized as major have a large impact on the current design, e.g. de-rating of a component, modification, or up rev-ing a semiconductor die, etc.</p>
10.2.3.2	<p>Manufacturing Schedule, Issues, Risks and WIP Report</p> <p>The Manufacturing Schedule, Issues, Risks and WIP sub Report shall include the following sub sub Reports:</p> <ul style="list-style-type: none"> a. Manufacturing Schedule, Issues, Risks and WIP Summary Report b. Manufacturing Schedule c. Delivery Schedule d. Delivery Schedule - Issues and Risk Report e. Work in Progress (WIP) Report
10.2.3.2.1	<p>Manufacturing Schedule, Issues, Risks and WIP Summary Report</p> <p>Product Delivery Schedule Summary Report shall provide a summary for the following four reports since the previous reporting period, as well as a running summary from the beginning of the Contract.</p>
10.2.3.2.2	<p>Manufacturing Schedule</p> <p>Description of progress to the Manufacturing Schedule with explanation of any slippages, in addition to:</p> <ul style="list-style-type: none"> a. Progress against manufacturing milestones, expected date of completion of near milestones, problem areas and workaround plans where required; b. Progress report on first article inspections (FAI); c. New manufacturing problems/issues and any other areas of concern, interest or importance; d. Planned manufacturing activities for the following reporting period.
10.2.3.2.3	<p>Delivery Schedule</p> <p>The Contractor shall provide an updated Delivery Schedule. The Contractor shall address all shortcomings in deliveries which may have occurred in previous month(s) and how these will be addressed in the future. The Contractor shall also provide a running monthly total of past deliveries and future schedule deliveries.</p>
10.2.3.2.4	<p>Delivery Schedule - Issues and Risk Report</p> <p>The Contractor shall provide a monthly Delivery Schedule - Issues and Risk Report outlining the risks or issues impacting the delivery schedule, as well as impacting or potentially impacting the delivery schedule</p>

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in the future. Contractor mitigation strategies to reduce each risk item or issue shall be documented within the same report.

10.2.3.2.5 **Work in Progress (WIP) Report**

The Contractor shall provide a monthly Work in Progress Report indicating the number of units being assembled. This is called Work in Progress (WIP) and provides the TA an indication of the units currently in the pipe-line for release to the TA. Within this report, the Contractor shall break their manufacturing assembly process into major areas and indicate the number of units located each area at the end of the month.

10.2.3.3 **Quality Assurance (QA) Report**

The QA sub Report shall include the following sub sub Reports:

- a. QA Summary Report
- b. Quality Report
- c. Manufacturability Assessment Report / Design for Manufacturability Report

10.2.3.3.1 **QA Summary Report**

The QA Summary Report shall provide a summary for the following three reports since the previous reporting period, as well as a running summary from the beginning of the Contract.

10.2.3.3.2 **Quality Report**

The Contractor shall provide a QA Report. The Report shall contain, at a minimum, the following content:

- a. Status and changes to quality measurement systems that involve or impact the assembly and test;
- b. Issues impacting the control of current builds, configurations, firmware and revisions of units being manufactured. The Contractor shall discuss their statistical results on non-conforming material identified during assembly, test, configuration and shipment;
- c. The number of defects found at various stages of assembly and test. Summary of details of non-conformance issues, defects, and failures found as a result of warranty returns, test failures, or corrective actions. Results of defects found by root-cause analysis shall be documented;
- d. Indication of defects and failures in order of rising occurrence and by highest occurrence and an explanation of how the Contractor shall rectify these anomalies through corrective actions and how they will rectify these issues before they create a defect or failure;
- e. The results of the Contractor's analysis of tracking faulty or flagged product through the process of implementation of component traceability;
- f. Summary of supplier quality, on-time delivery of raw materials to the Contractor, and on-time delivery of finished goods to the Government of Canada;
- g. Summary of corrective actions implemented to improve quality systems e.g. customer corrective actions, internal corrective actions, internal audit corrective actions and supplier corrective actions, management review/quality report corrective actions.
- h. The Contractor may provide additional information where they see fit.

10.2.3.3.3 **Manufacturability Assessment Report / Design for Manufacturability Report**

The Contractor shall provide a Manufacturability Assessment Report / Design for Manufacturability Report.

These reports shall discuss manufacturing and design issues currently impacting assembly and test. Items listed in the reports may involve any aspect of the design including all components, firmware, test, process, or documentation. Areas for improving manufacturing, test and the product are welcome.

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10.2.3.4	Shipping Report	<p>The Shipping sub Report shall include the following sub sub Reports:</p> <ul style="list-style-type: none"> a. Shipment Summary Report b. Warranty Returns Report c. Warranty Period by Serial Number 	
10.2.3.4.1	Shipment Summary Report	<p>The Shipment Summary Report shall provide a summary for the following three reports since the previous reporting period, as well as a running summary from the beginning of the Contract.</p>	
10.2.3.4.2	Warranty Returns Report	<p>The Contractor shall provide a report listing all products returned under warranty from the Government of Canada. In most cases these units will be returned via the DND Supply System. This report shall list the returns based on their serial number, field tests which caused the return, results of Contractor tests, root cause analysis of failures, trends and modifications made to repair the product.</p>	
10.2.3.4.4	Warranty Period by Serial Number	<p>The Contractor shall provide the warranty start and end dates for all product delivered by the Contractor to the TA.</p>	
10.2.3.5	Update Frequency	<p>Component reports of the Manufacturing Report (Part 2) shall be updated at the frequency detailed in the table below:</p>	
Sub report		Sub sub report	Update Frequency
1. Supply Chain Report		a. Supply Chain Summary Report	Monthly
		b. Component Lead-Time Report	Monthly
		c. Last Time Buy Report	Monthly
		d. Obsolescence Report	Monthly
		e. Component Update Report	Monthly
2. Manufacturing Schedule, Issues, Risks and WIP Report		a. Manufacturing Schedule, Issues, Risks and WIP Summary Report	Monthly
		b. Manufacturing Schedule	Monthly
		c. Delivery Schedule	Monthly
		d. Delivery Schedule - Issues and Risk Report	Monthly
		e. Work in Progress (WIP) Report	Monthly
3. Quality Assurance Report		a. QA Summary Report	Monthly
		b. Quality Report	Monthly
		c. Manufacturability Assessment Report / Design for Manufacturability Report	Monthly for first 6 months, then quarterly thereafter
4. Shipping Reporting		a. Shipment Summary Report	Monthly
		b. Shipment to/from DND Supply System Report	Monthly
		c. Warranty Returns Report	Monthly
		d. Warranty Period by Serial Number	Monthly

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Quality Plan		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-006	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Quality Plan provides a means of relating specific requirements of the Contract to work methods and practices that support product realization.			
4. APPROVAL DATE DATE D'APPROBATION 2011 December 15	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003. 10.2 Content 10.2.1 The Quality Plan shall be prepared in accordance with the latest issue (at Contract Award) of ISO 10005:2005 "Quality management systems – Guidelines for quality plans". 10.2.2 The Quality Plan shall include traceability between article/paragraph numbers within contractual documentation where requirements are specified and corresponding paragraphs in the Quality Plan where the work methods and practices that fulfil each requirement are detailed.			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Equipment Environmental Assessment (EEA)		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-007	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The due diligence EEA (Equipment Environmental Assessment) identifies and documents the environmental health and safety impact of the project, system, equipment, material and/or service provided by the Contractor throughout the various life cycle phases (design, engineering and manufacturing, test and evaluation, production and delivery, operation and maintenance, and demilitarization and disposal) and the mitigation measures required to reduce or eliminate significant environmental safety and health risks.			
4. APPROVAL DATE DATE D'APPROBATION TBC	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES			
10.1 Format 10.1.1 Contractor format is acceptable. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003. 10.2 Content 10.2.1 The EEA shall follow the principles and guidance contained within the DND Environmental Assessment Manual (A-EN-007-000/FP-001) but present the required information in the manner identified within this DID. The EEA shall identify and document the environmental, health and safety impact of the project, system, equipment, materiel and/or services provided by the Contractor throughout the life cycle, and the mitigation measures required to reduce or eliminate significant environmental, health and safety (EHS) risks. The EEA shall address the above points in detail through the following parts and sections: 10.2.2 PART I – Registration Information 10.2.2.1 Title – This Title shall identify the primary system being reported upon. 10.2.2.2 Base/Unit – This section shall identify the applicable site specific Bases/Units or geography affected by the provided equipment, materiel and/or support services. 10.2.2.3 Registration – This section shall state registration identifier of the EEA – TBC 10.2.2.4 Project Location – This section shall identify the physical locations affected by the provided equipment, materiel and/or support services, and/or as specified within the contract requirements. 10.2.2.5 Project Description Summary – this section shall contain a brief description of the system, equipment, material and/or services being provided under following sub paragraphs:			

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10.2.2.5.1	General Description of the System. The section shall provide a description of the role, purpose, concept of operation, design characteristics, and performance capabilities of the system, throughout its entire life span. The major/significant construction materials, products and activities that contribute to the EHS impact shall be identified; and
10.2.2.5.2	Major Sub System. This section shall identify the major sub components of the system and provide a description of their purpose, function and/or role including any relevant steps or phases, such as operation and maintenance. The major/significant construction materials, products and activities that contribute to their EHS impact shall be identified.
10.2.2.6	Assessment Contact – this paragraph shall contain the name, title, company name, phone number, and email address of the author of the report.
10.2.3	PART II – Environmental, Health and Safety Impact Assessment
10.2.3.1	Design – This section shall provide an overview on the origin of the project, system, equipment, materiel and/or service or activity being assessed and its design impact on environmental health and safety. Alternatives to the activities that were considered are to be included within this section, including reasons for non-adoption.
10.2.3.2	Major Sub System / EHS Aspects Assessment – This section shall provide, in tabular format, the following information (Annex A illustrates an example of the tabular format):
10.2.3.2.1	A listing of the Environmental, Health and Safety aspects (a sample list of possible aspects can be found at Annex F) and their hazards associated with each major sub system and component for each life cycle phase (engineering and manufacture, test and evaluation, production and delivery, operation and maintenance, demilitarization and disposal);
10.2.3.2.2	Clear identification of whether each major subsystem and component and its consumables are a source of any of the EHS hazards / risks; and
10.2.3.2.3	The mitigation measures or preventive measures necessary to reduce or eliminate the identified impacts or risks;
10.2.3.3	Table of Hazardous Products. This section shall contain a list of all products, which are subject to the Hazardous Products Act and require a MSDS, and were identified in paragraph 10.2.3.2.2. The list shall include the product description/name, the product manufacturer and part number, The identification of the substance(s) of concern with its chemical abstract number (CAS #), and the identification of its control listing (eg NPRI, ARET, Challenge, CEPA Schedule 1); all Workplace Hazardous Materials Information System (WHMIS) Class(es) (eg A [Class A-Compressed Gas], B5 [Class B Flammable and Combustible Material, Division 5: Flammable Aerosol]), and the full Transportation of Dangerous Goods Class (eg 2.3 [Class 2 Compressed Gases, Division 3: Poisonous Gases]), and the cross-reference to Annex E MSDS identifier. MSDS of these products shall be appended to the EEA within Annex E and clearly marked with their cross-linked identifier at the top right of the page. An example of this listing is provided at Annex B.
10.2.3.4	Mercury. This section shall contain a list of information pertaining to all occurrences of mercury associated with the major sub-systems and components, or project activity. The listing shall contain the following information in tabular format (Annex C illustrates an example of the tabular format):
10.2.3.4.1	Equipment NSN (for equipment containing mercury);
10.2.3.4.2	Equipment Description;
10.2.3.4.3	NSN and Defence Resource Management Information System (DRMIS) unique identifier of the item containing mercury (if it exists);
10.2.3.4.4	Manufacturer of mercury-containing item;
10.2.3.4.5	Date of manufacture of the mercury-containing item;
10.2.3.4.6	Manufacturer part number of mercury-containing item;
10.2.3.4.7	National Supply Code for Manufacturers of items containing mercury: (NSCM)/Commercial and

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	Government Entity (CAGE) Code;
10.2.3.4.8	Description of mercury-containing item;
10.2.3.4.9	The form of mercury (egs liquid, vapour, amalgam, metal halide);
10.2.3.4.10	Quantity of mercury (kg mass);
10.2.3.4.11	Volume of mercury (L) and its concentration in ppm (either 10.2.3.4.10 or 10.2.3.4.11 is required, however, both can be provided);
10.2.3.4.12	The location of the mercury-containing item(s);
10.2.3.4.13	Quantity of mercury containing item per reported equipment; and
10.2.3.4.14	Total Quantity of mercury within the reported equipment (for kg mass and volume/concentration).
10.2.3.5	Consultation
10.2.3.5.1	Internal. This section shall list all applicable internal consultations performed in order to produce the EEA; and
10.2.3.5.2	External. This section shall list all applicable external consultation performed in order to produce the EEA.
10.2.3.6	Documentation
10.2.3.6.1	Regulations and Policies. This section shall list all applicable Canadian regulations and policies; and
10.2.3.6.2	Other references. This section shall list the references and material used to produce the EEA.
10.2.3.7	Site Visits – This section shall comment on the reasons and results of visits conducted; otherwise it shall be titled and identified as “No site visits required”.
10.2.3.8	Existing Environment – This section shall identify the boundaries of the environment considered and provide an appropriate description of the environment(s) affected.
10.2.3.9	Environmental Effects – This section shall contain a completed matrix for each of the applicable components and activities (and their associated sub-activities) involving the system throughout the life cycle phases (engineering and manufacturing, test and evaluation, production and delivery, operation and maintenance, demilitarization and disposal). For components with Ionizing Radiation hazard, each activity shall be considered in both normal and non-normal situations. To identify potential environmental, health and safety effects, each matrix shall be completed as follows:
10.2.3.9.1	In the left-hand column, list the system components/activities. Across the top of the matrix, list the Valued Ecosystem Components (VECs) relevant to the study area.
10.2.3.9.2	Examine each place where a component intersects with an environmental component for each life cycle and determine whether there is a potential significant effect. Annex D illustrates a sample matrix. The VECs on the matrix are only a guide to typical environmental components. Adapt the matrix as needed in accordance with the site specific VECs.
10.2.3.10	Summary of Hazards and Impacts – This section shall present the written results on the investigations of the impact of the environmental, health and safety aspects/hazards throughout the different life cycle phases. Each sub-system or aspect shall be addressed for their environmental impact or risks as identified in Annex A and Annex D. All regulated substances/activities shall be assessed for compliance and problem areas identified with mitigation measures. Each sub-system or activity shall be addressed under the following headings (sub-titles may be used for each Life Cycle Phase, Sub-System/Activity):
10.2.3.10.1	Description of Subsystem/Component/Activity: A description of the sub-system, equipment, component, material, service or activity, its interaction with the environment and justification for

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the use of all regulated products and those containing substances identified within the Accelerated Reduction/Elimination of Toxics (ARET, list provided in Annex G), National Pollutant Release Inventory (NPRI, http://www.ec.gc.ca/pdb/npri/npri_home_e.cfm) and/or List of Challenge Substances (<http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/list-eng.php>), and also for products containing substances that are identified within Schedule 1 of the Canadian Environmental Protection Act (CEPA)(<http://www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=0DA2924D-1&wsdoc=4ABEFC8-5BEC-B57A-F4BF-11069545E434>);

- 10.2.3.10.2 EHS Aspect: Identify the EHS Aspects (Annex F refers) associated with the Subsystem/Component/Activity throughout all life cycle phases (Annex A refers);
- 10.2.3.10.3 VECs Affected: Identify the VECs associated with the Subsystem/Component/Activity throughout all life cycle phases (Annex D refers);
- 10.2.3.10.4 Component/Activity Impact: Prediction of the environmental effects from each interaction and its impact, as well as any impacts that will require mitigation measures;
- 10.2.3.10.5 Mitigation Measures: Identify the appropriate mitigation measures required. Mitigation is the elimination, reduction, or control of adverse environmental effects, including restitution for any damage to the environment through replacement, restoration, compensation, or any other means;
- 10.2.3.10.6 Significance: Assess/Determine the environmental impact with mitigation measures in place. The EA must determine whether the environmental affects are adverse, likely, and are they significant;
- 10.2.3.10.7 Compliance Monitoring: Identify what compliance monitoring is required and the responsible person/office to conduct the monitoring; and
- 10.2.3.10.8 Follow-Up Plans: Predict any cumulative/residual effects and the need to follow-up. Identify the follow-up plans with the reasons for them.

10.2.4 PART III – CONCLUSION

- 10.2.4.1 Conclusion – This section shall summarize the main findings of the EEA and identify the major mitigation measures taken or required to assure sustainable development, and identify the major follow-up measures necessary.

Annexes

- Annex A – Major Subsystem/EHS aspects Assessment Table
- Annex B – Table of Hazardous Products
- Annex C – Items Containing Mercury
- Annex D – Environmental Effects Matrix
- Annex E – Material Safety Data Sheets (Annex E shall contain the Material Safety Data Sheets (MSDS) for all hazardous products identified in section 10.2.3.2.2 and 10.2.3.3.)
- Annex F – Listing of Possible EHS Aspects
- Annex G - Accelerated Reduction/Elimination of Toxics

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Annex ALife Cycle Phase

- 1- Engineering and Manufacture
- 2- Test and Evaluation
- 3- Production and Deployment
- 4- Maintenance and Operations
- 5- Demilitarization and Disposal

Ser	EHS Aspect / Major Sub-System	EHS Hazard/Risk	Mitigation (describe the measures required to reduce or eliminate the identified risk)	Life Cycle Phase				
				1	2	3	4	5
1	Ex: POL – Lubricant / used in different parts of the system (give the list of major parts)	Ex: Spill that could contaminate the soil and groundwater	Waste oils are contained and pre-treated prior to disposal by hazardous waste disposal contractors In case a spill takes place, emergency measures have to be taken such as cleaning of the spil...etc....					
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								

Major Sub-system – Enter the appropriate sub-system that the identified hazard is associated with (eg, for a vehicle fleet, sub-system identification by vehicle configuration (Equipment Configuration Code – Cargo, MRT, Recovery, etc) and its

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Equipment Support List – Chassis, Engine, Brake, Electrical, Engine, Transmission, etc) may be used.

Annex B

Table of Hazardous Products

Serial	Product	Manufacturer - Product Part Number	Substance Name/s	CAS #	Control/s	WHMIS Class	TDGR Class	MSD Identi

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Annex C – Items Containing Mercury

Ser	Information Requested	Mercury Containing Item Details			
		Item 1	Item 2	Item 3	Item 4...
1	Equipment NSN (for equipment containing mercury)				
2	Equipment Description				
3	NSN and Defence Resource Management Information System (DRMIS) unique identifier of the item containing mercury (if it exists)				
4	Manufacturer of mercury-containing item				
5	Date of manufacture of the mercury-containing item				
6	Manufacturer part number of mercury-containing item				
7	National Supply Code for Manufacturers of items containing mercury: (NSCM)/Commercial and Government Entity (CAGE) Code				
8	Description of mercury-containing item				
9	The form of mercury (egs liquid, vapour, amalgam, metal halide)				
10	Quantity of mercury (kg mass)				
11	Volume of mercury (L) and its concentration in ppm [provide either mass (Serial 10) or volume/concentration of mercury, but not both]				
12	The location of the mercury-containing item(s)				
13	Quantity of mercury containing item per reported equipment				
14	Total Quantity of mercury within the reported equipment (for kg mass and volume/concentration);				

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Annex D – Environmental Effects Matrix

PROJECT Subsystem/Activity Enter each subsystem e.g. device/component, activity, condition (normal/abnormal), etc, as applicable	Valued Ecosystem Components															
	(Add to/delete from Matrix below as necessary)															
	Show potential effects with a "X"															
	Physical							Biological					Social			
	Atmosphere	Surface water	Ground water	Soils	Terrain	Vibration	Noise	Terrestrial Animals	Terrestrial Habitat	Aquatic animals	Aquatic habitat	Vegetation	Heritage/historical	Recreation/Aesthetic	People/health	Economy

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Annex E – Material Safety Data Sheets (Annex E shall contain the Material Safety Data Sheets (MSDS) for all hazardous products identified in section 10.2.3.2.2 and 10.2.3.3.)

[illegible]

Annex F – Listing of Possible EHS Aspects

An Environmental Health and Safety (EHS) aspect is defined as an activity, product or service that can interact with the environment, human health or safety. The list provided herein is not inclusive, and is only an example of what might be considered when preparing an Environmental Health and Safety Assessment. Aspects and their risk are those associated with the activity, product or service being specifically addressed. Regulations or standards may, or may not, apply to the specific EHS aspect.

1. Accelerated Reduction and Elimination of Toxics (ARET) substances
2. Adhesives and Sealants
3. Air Conditionants / Refrigerants
4. Asbestos
5. Batteries
6. Bulk and Weight of Components
7. CEPA Schedule 1 Substances
8. Challenge to Industry Substances
9. Cleaning and Cleaners
10. Coatings/Painting
11. Compressed Gases/Fluids
12. Contamination / Decontamination
13. Demilitarization and Disposal
14. Disposal
15. Electrical and Power Sources
16. Emission Hazards – Enclosed Spaces
17. Equipment Condition
18. Exhaust Emissions
19. Fire Extinguishing Systems
20. Firing Damage and Damage from Operations
21. Floorboards and Hull Plates
22. Fuel Consumption
23. Fuels, Fluids and Lubricants
24. Hazardous Consumables
25. Heavy Metals
26. High Temperature Hazards
27. Ionizing Radiation – Normal and Abnormal
28. Iron / Aluminum Metal Work (Thermite)
29. Lasers
30. Materials of Environmental Concern
31. Mercury Sources
32. Metal Work
33. Modifications
34. National Pollutant Release Inventory (NPRI) substances
35. Noise, Vibrations and Ground Pressure
36. Non-Ionizing Radiation – Lasers, UV, Radio, Radar
37. Operator Safety
38. Ozone Depleting Substances
39. Precious Metals
40. Polychlorinated Biphenyls

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- 41. Radars
- 42. Recycling and Reusing
- 43. Regulated Activity/Material/Substance
- 44. Rubbers, Plastics, Polymers and Composites
- 45. Shielding
- 46. Spills and Spill Reporting
- 47. Storage - Fuels, Fluids and Lubricants
- 48. Tires
- 49. Wastes – Solids, Liquids and Gases
- 50. Wastes – Hazardous Solids, Liquids and Gases

Annex G – Listing of Accelerated Reduction and Elimination of Toxics (ARET) substances

Following is the ARET list of substances for action. These substances were selected from a list of chemicals detected in the Canadian environment. There is evidence that these substances 1) may have the potential to have harmful effects on human, animal, or plant life; 2) may tend to degrade very slowly in the environment; and/or 3) may tend to accumulate in living organisms.

This listing was meant to guide priorities and is not meant to imply that actual harm is currently being caused by these substances. The ARET substances have been rank-ordered based on their intrinsic properties. Decisions concerning priority for action were made by the managers of participating facilities.

The substances have been categorized by chemical grouping and are accompanied by Chemical Abstracts Service Registry Number (CASRN) for ease of use with WHMIS (Workplace Hazardous Materials Information System) and NPRI (National Pollutant Release Inventory) data management systems.

LIST A-1

(meet or exceed criteria for toxicity, bioaccumulation and persistence)

ARET's vision for substances on this list is the virtual elimination of emissions into the environment from human activities. The short-term goal is for a 90 percent reduction in emissions by 2000.

SUBSTANCE	CASRN
Benzo(a)anthracene	56-55-3
Benzo(a)pyrene.....	50-32-8
Benzo(e)pyrene.....	192-97-2
Benzo(b)fluoranthene	205-99-2
Benzo(j)fluoranthene	205-82-3
Benzo(k)fluoranthene	207-08-9
Benzo(g,h,i)perylene.....	191-24-2
Chrysene	218-01-9
Dibenz(a,h)anthracene	53-70-3
Dibenzo(a,i)pyrene	189-55-9
Dibenz(a,j)acridine	224-42-0
7H-dibenzo(c,g)carbazole.....	194-59-2
Fluoranthene	206-44-0
Ideno(1,2,3-c,d)pyrene.....	193-39-5
Perylene	198-55-0
Phenanthrene	85-01-8
Pyrene	129-00-0

Nitro-PAHs

1,6-dinitropyrene	42397-64-8
1,8-dinitropyrene	42397-65-9

Chlorinated organics

Hexachlorbenzene	118-74-1
alpha-hexachlorocyclohexane.....	319-84-6
gamma-hexachlorocyclohexane.....	58-89-9
4,4-methylenebis(2-chloroaniline).....	101-14-4
Octachlorostyrene	29082-74-4
Pentachlorophenol	87-86-5
2,3,7,8-tetrachlorodibenzofuran.....	51207-31-9
2,3,7,8-tetrachlorodibenzo-p-dioxin	1746-01-6

SUBSTANCE CASRN

Metal compounds

*Methyl mercury	22967-92-6
Tributyltin.....	688-73-3

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LIST A-2

ARET's goal for substances on this list is for the reduction of emissions to levels that are insufficient to cause harm. The short-term goal is for significant reduction in emissions.

SUBSTANCE CASRN

* 1,4 dichlorobenzene..... 106-46-7

**Cadmium compounds (respirable & soluble inorganic forms) . N/A

*The toxicity criterion was met for possible carcinogenicity by accepting IARC (International Agency for Research on Cancer) classification of "possible human carcinogen."

**The selection process was unable to take into account specific metal compounds, and therefore scores for metals were based on a composite score for several metal species. For cadmium, actions may be tailored to such compounds as CdCO₃, Cd(OH)₂, CdCl₂, CdO, and CdSO₄. The concept of virtual elimination of discharges for metals is under discussion and was not resolved by ARET.

LIST B

For the List B substances, the vision is reduction of emissions to levels that are insufficient to cause harm. The short-term goal is a 50 percent reduction by 2000.

LIST B-1

(meet or exceed criteria for toxicity & bioaccumulation)

SUBSTANCE CASRN

PAHs

Anthracene..... 120-12-7

7,12-dimethylbenz(a)anthracene..... 57-97-6

Dimethylnaphthalene..... 28804-88-8

Chlorinated organics

3,3'-dichlorobenzidine 91-94-1

Hexachlorocyclopentadiene..... 77-47-4

2,4,6-trichlorophenol 88-06-2

Other

bis(2-ethylhexyl)phthalate 117-81-7

*Tetraethyl lead 78-00-2

*Degrades to lead, which is persistent (see List B-2)

LIST B-2

(meet or exceed persistence & toxicity criteria)

SUBSTANCE CASRN

PAHs

Benzo(a)fluorene 238-84-6

Benzo(b)fluorene 30777-19-6

Dibenzo(a,h)acridine 226-36-8

Chlorinated organics

alpha-chlorotoluene 100-44-7

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bis(2-chloroethyl)ether	111-44-4
Bromodichloromethane	75-27-4
Carbon tetrachloride	56-23-5
Chloroform.....	67-66-3
Chlorodibromomethane	124-48-1
1,2 dichlorethane	107-06-2
Methylene chloride	75-09-2
1,1,2,2-tetrachlorethylene	127-18-4
2,3,4,6-tetrachlorphenol.....	58-90-2

Metal compounds

Arsenic (inorganic)	N/A*
Asbestos.....	1332-21-4
Beryllium.....	7440-41-7
Chromium (Cr ₆₊)	N/A*
Cobalt (inorganic, soluble)	N/A*
Copper (inorganic salts).....	N/A*
**Lead (all forms except alkyl)	N/A*
***Mercury (elemental and inorganic).....	N/A*
Nickel (inorganic, respirable, soluble).....	N/A*
Silver (soluble inorganic salts)	N/A*
Uranium (inorganic, respirable, soluble)	N/A*
Zinc (inorganic, respirable, soluble)	N/A*

Other

o-anisidine	90-04-0
Cyanides	57-12-5
4,6 dinitro-o-cresol	534-52-1
1,4 dioxane	123-91-1
Ethylene oxide	75-21-8
2-naphthylamine	91-59-8
2-nitropropane	79-46-9
Thiourea.....	62-56-6

*CASRN not applicable. The selection process was unable to take into account specific metal compounds, and therefore scores for metals were based on a composite score for several metal species.

**See also tetraethyl lead on List B-1

***See also methyl mercury on List A-1

LIST B-3

(meet or exceed toxicity criteria)

SUBSTANCE	CASRN
Chlorinated organics	
bis(chloromethyl)ether.....	542-88-1
Epichlorhydrin.....	106-89-8
1-bromo-2-chlorethane	107-04-0
1-chloro-4-nitrobenzene	100-00-5
1,2-dibromo-3-chlorpropane.....	96-12-8
1,2-dichlorobut-3-ene	760-23-6
2,4-dichlorophenol.....	120-83-2
1,3-dichloropropene.....	542-75-6
1,1,2-trichloroethylene.....	79-01-6
Aromatics	
4-aminoazobenzene	60-09-3
4-aminobiphenyl	92-67-1
Aniline	62-53-3

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Benzene	71-43-2
Benzidine	92-87-5
Dimethylphenol (mixed isomers)	1300-71-6
2,6-dimethylphenol.....	576-26-1
2,4-dinitrotoluene	121-14-2
2,6-dinitrotoluene	606-20-2
1,2-diphenylhydrazine	122-66-7
2-methylpyridine	109-06-8
Phenol	108-95-2
Toluene diisocyanates.....	26471-62-5
Nitrosamines	
N-nitrosodimethylamine	62-75-9
N-nitrosodiphenylamine	86-30-6
N-nitroso-di-n-propylamine.....	621-64-7
Other	
Acetaldehyde	75-07-0
Acetamide.....	60-35-5
Acrolein	107-02-8
Acrylamide	79-06-1
Acrylonitrile.....	107-13-1
1,3-butadiene	106-99-0
Chlorine dioxide	10049-04-4
n-dodecane.....	112-40-3
Ethanol.....	64-17-5
Ethylene dibromide.....	106-93-4
Ethylene thiourea	96-45-7
Formaldehyde	50-00-0
Hydrazine	302-01-2
Hydrogen sulphide.....	7783-06-4
Methyl isobutyl ketone	108-10-1
4-nitrosomorpholine	59-89-2
Quinoline	91-22-5
Tetramethylthiuram disulphide.....	137-26-8
Vinyl bromide.....	593-60-2

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Design Change / Deviation		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-001	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Design Change / Deviation Procedure is used to request and obtain authorization for a permanent or temporary departure from the technical data requirements of the contract to be incorporated in any number of items being manufactured to the contract.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Design Change / Deviations shall be submitted using form DND 672. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003. 10.2 Content 10.2.1 Design Change / Deviations forms shall be completed per D-02-006-008/SG-001.			

Solicitation No.	Amd. No.	Buyer ID
Client Ref. No.	File No.	Appendix D2 to Annex D

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Request for Waiver		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-002	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Request for Waiver is used to request and obtain waivers to permit the acceptance of items, which through error during manufacture, do not conform to the technical data requirements of the contract.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES			
10.1 Format			
10.1.1 Requests for Waiver shall be submitted using form DND 675. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003.			
10.2 Content			
10.2.1 Request for Waiver forms shall completed per D-02-006-008/SG-001.			

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Client Ref. No.	File No.	Appendix D2 to Annex D

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Production Change Point Record		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-003	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Production Change Point Record is used to provide the exact record of the introduction of an approved departure from the technical data requirements of the contract into production when this information cannot be provided on a Design Change / Deviation form prior to the implementation of an approved design change or deviation.			
4. APPROVAL DATE DATE D'APPROBATION 2011 September 21	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULAIRES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Production Change Point Records shall be submitted using form DND 678. Hard copies shall use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies shall be compatible with MS Office Suite 2003. 10.2 Content 10.2.1 Production Change Point Record forms shall be completed per D-02-006-008/SG-001.			

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ANNEX E

Federal Contractors Program For Employment Equity – Certification

Solicitation No. W8476-134421/A	Amd. No. XXX	Buyer ID 025qd
Client Ref. No. W8476-134421	File No. 025qd.W8476-134421	Annex E

ANNEX E 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 such request by Canada will also render the bid non-responsive or will constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [HRSDC-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 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- 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 HRSDC-Labour.

OR


- ☐ **A5.2.** The Bidder certifies having submitted the Agreement to Implement Employment Equity (LAB1168) to HRSDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to HRSDC-Labour.

B. Check only one of the following:

- ☐ **B1.** The Bidder is not a Joint Venture.

OR

- ☐ **B2.** The Bidder is a Joint venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

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<div>  <div> <p>NOTICE</p> <p>This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.</p> <p>AVIS</p> <p>Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.</p> </div> </div>		

ANNEX F

Technical Evaluation Criteria and Tables

Solicitation No.W8476-134421/A	Amd. No.	Buyer ID 025qd
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List of Appendices

Appendix F1 – Technical Evaluation Criteria

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Table F1-3 – Completeness and Maturity Point Guide

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1. TECHNICAL EVALUATION

1.1 Technical Evaluation Procedure

The technical bids will be assessed against Mandatory Criteria described in this section. Technical bids meeting all Mandatory Technical Evaluation Criteria will be evaluated further against the Point-Rated Criteria.

Bidders must provide completed copies of the following:

- a. Mandatory Technical Evaluation Criteria: (Table F1-1)
 - (i) Technical Evaluation Criteria: Table F1-1 of Appendix F1 to this Annex. In the Bidder Declaration columns, for each criterion, the Bidder must:
 - indicate whether the Bidder meets the criterion, and
 - include cross-reference(s) to the specific paragraph number(s) and page number(s) of their bid containing the required evidence of compliance.

- b. Rated Technical Evaluation Criteria: (Table F1-2)

Table F1-2 of Appendix F1 to this Annex. In the Bidder Declaration columns, for each criterion, the Bidder must:

- indicate the degree of compliance by indicating the number of Available Points the Bidder claims;
- include cross-reference(s) to the specific paragraph number(s) and page number(s) of their bid containing the required evidence of compliance; and,
- achieve the minimum required point-rated technical evaluation score of 315 points. Bids not obtaining the minimum score will be declared non-responsive and will receive no further consideration.

1.2 Technical Evaluation Criteria

Technical bids will be assessed against the following items. Bidders may use the same list of projects for each criterion. A minimum number of projects can be identified and referenced when determining the amount of experience for the point-rated criteria. Experience may be derived up to the date of bid closing.

1.2.1 Production

a. Facility

The Bidder shall identify the proposed facility at which cable assembly production will be conducted.

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b. Capability

The Bidder shall provide descriptions of manufacturing projects demonstrating that its proposed production facility has experience manufacturing at least 1 product within the last year and 2 other products within the last 5 years where:

- the manufactured products were similar in technology and complexity to the ELAN-333/LS Cable Assembly, and
- the production rate was at least 200 units per month for 3 consecutive months.

Bids should also provide descriptions of other manufacturing projects demonstrating that the proposed production facility has additional experience within the last 5 years manufacturing other similar products and greater production rates.

1.2.2 Workmanship

a. Standards

The Bidder shall demonstrate its experience in building cable assemblies in accordance with IPC-A-620 Class 3 standards by providing a list of projects (with a brief description of each) similar in scope to the LCSS cable production requirement (e.g. comparable product complexity, i.e. ELAN-333/LS Cable Assembly, and comparable delivery rate, i.e. 200 units per month) successfully completed within the proposed manufacturing facility.

For each of the identified projects, bids should provide the project start and end dates indicating the number of months/years experience gained manufacturing to IPC-A-620 Class 3 standards.

b. Qualification

The Bidder shall provide a high-level training plan describing how staff working on the Cable assembly production will receive initial training and/or maintain current status on IPC-A-620 technology for the duration of Cable assembly production.

Bids should also demonstrate the Bidder's experience in delivering IPC-A-620 Class 3 training by providing the following:

- a list of in-house, or third party, certified IPC-A-620 Class 3 trainers servicing staff within the proposed manufacturing facility; and
- a list of IPC-A-620 training and certification initiatives (with a brief description of each, including dates conducted), provided by each in-house or third party IPC-A-620 certified trainer.

1.2.3 Quality Management System

The Bidder must comply with ISO 9001:2008 "Quality Management Systems – Requirements (QAC Q). The bidder must provide proof of the compliance level specified in the solicitation (see RFP, Part 7).

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1.2.4 Quality Plan

The Bidder must provide a Quality Plan describing how the Bidder's quality management system (practices, resources, and the sequence of activities relevant to this Contract) will be applied to meet cable assembly production and testing requirements and must achieve a minimum required Quality Plan score of 150 points. Bids not obtaining the minimum score will be declared non-responsive and will receive no further consideration.

The Quality Plan shall be prepared in accordance with ISO 10005:2005(E), and should address in detail the following elements from Section 5 of ISO 10005:2005(E):

- Scope, Quality Plan Inputs,
- Quality Objectives
- Management Responsibilities,
- Control of Documents and Data,
- Control of Records,
- Resources,
- Customer Communication,
- Purchasing,
- Production and Service Provision,
- Identification and Traceability,
- Customer Property,
- Preservation of Product,
- Control of Nonconforming Product,
- Monitoring and Measurement, and
- Audit.

The information provided by the Bidder in Table F1-2 will be rated on “completeness” and “maturity” based on the Point Guide in Table F1-3.

1.2.5 Environmental Health and Safety (EHS) Performance Survey

The Bidder must complete and submit the Environmental Health and Safety (EHS) Performance Survey document shown at Table F1-4, along with any documentation requested in the survey.

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Appendix F1 **Evaluation Criteria**

This Appendix F1 contains the evaluation criteria listings identified in Section 1.2 of Annex F.

List of Tables:

Table F1-1 – Mandatory Technical Evaluation Criteria

Table F1-2 – Rated Technical Evaluation Criteria

Table F1-3 – Completeness and Maturity Point Guide

Table F1-4– Environmental Health and Safety (EHS) Performance Survey

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Table F1-1 – Mandatory Technical Evaluation Criteria

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder Declaration			DND Evaluation	
			Met	Not Met	Cross Reference	Met	Not Met
Annex A, Sections 3.4, 3.5, and 3.8	Annex F, Paragraph 1.2.1	1. Production a. Facility The Bidder has identified the proposed production facility at which cable assembly production will be conducted.					
		b. Capability The Bidder has provided descriptions of manufacturing projects demonstrating that its proposed production facility has experience manufacturing at least 1 product within the last year and 2 other products within the last 5 years, where: <ul style="list-style-type: none"> ▪ the manufactured products were similar in technology and complexity to the ELAN-333/LS Cable Assembly, and ▪ the production rate was at least 200 units per month for 3 consecutive months. 					

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Table F1-1 – Mandatory Technical Evaluation Criteria (cont’d)

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder Declaration			DND Evaluation	
			Met	Not Met	Cross Reference	Met	Not Met
Annex A, Paragraph 3.4.1	Annex F Paragraph 1.2.2	2. Workmanship a. Standards <p>The Bidder has demonstrated its experience in building cable assemblies in accordance with IPC-A-620 Class 3 standards by providing a list of projects (with a brief description of each), similar in scope to the LCSS cable production requirement (e.g. comparable product complexity, i.e. the ELAN 333/LS Cable Assembly, and comparable delivery rate (e.g. 200 cable assemblies per month) successfully completed within the proposed manufacturing facility.</p>					
		b. Qualification <p>The Bidder has provided a high-level training plan describing how staff working on the Cable assembly production will receive initial training and/or maintain current status on IPC-A-620 Class 3 technology for the duration of cable assembly production.</p>					

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Table F1-1 – Mandatory Technical Evaluation Criteria (cont'd)

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder Declaration			DND Evaluation	
			Met	Not Met	Cross Reference	Met	Not Met
	Annex F, Paragraph 1.2.3	3. Quality Management System The Bidder has provided evidence that the quality management system of the proposed cable assembly production facility complies with ISO 9001:2008.					
Annex A, Paragraph 3.4.2.1	Annex F, Paragraph 1.2.4	4. Quality Plan The Bidder has provided a Quality Plan describing how the Bidder's quality management system will be applied to meet production and testing requirements.					

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Table F1-2 – Rated Technical Evaluation Criteria

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.1	1. Production Experience a. Similar Products The Bidder's proposed production facility has experience within the last 5 years manufacturing the following number of products where: <ul style="list-style-type: none"> the manufactured products were similar in technology and complexity to the ELAN 333/LS Cable assembly, and the production rate was at least 200 units per month for 3 consecutive months. 	3 products	30			
		4 products	40			
		5 products or more.	50			
	b. Production Rate The Bidder's proposed production facility has demonstrated experience within the last 5 years manufacturing similar products at the following production rate:	200 units per month for 3 consecutive months	30			
		400 units per month for 3 consecutive months.	40			
		600 units per month for 3 consecutive months.	50			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.2	2. Workmanship Experience a. Standards The Bidder has demonstrated experience manufacturing to IPC-A-620 Class 3 standards	1 year	30			
		3 years	40			
		5 years	50			
	b. Training The Bidder has the following number of in-house, or third party, certified IPC-A-620 trainers with the following amount of demonstrable experience delivering IPC-A-620 Class 3 training:	1 person	1 year			
			3 years			
			5 years			
		2 or more people	1 year			
			3 years			
			5 years			
Annex F, Paragraph 1.2.3	3. Quality Management System (QMS) Experience The Bidder has maintained a QMS considered to be compliant with ISO 9001:2008 for a period of time	1 year	60			
		3 years	80			
		5 years	100			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	4. Quality Plan					
	a. Scope, Quality Plan Inputs					
	i. Completeness With respect to Paragraphs 5.2 and 5.3 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraphs 5.2 and 5.3 of ISO 10005:2005(E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			

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Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	b. Quality Objectives					
	i. Completeness With respect to Paragraph 5.4 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.4 of ISO 10005:2005(E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			

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Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	c. Management Responsibilities					
	i. Completeness With respect to Paragraph 5.5 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.5 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	d. Control of Documents and Data					
	i. Completeness With respect to Paragraph 5.6 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.6 of ISO 10005:2005(E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	e. Control of Records					
	i. Completeness With respect to Paragraph 5.7 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.7 of ISO 10005:2005(E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	f. Resources					
	i. Completeness With respect to Paragraph 5.8 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.8 of ISO 10005:2005(E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	g. Customer Communication					
	i. Completeness With respect to Paragraph 5.10 of ISO 10005:2005(E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.10 of ISO 10005:2005, the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	h. Purchasing					
	i. Completeness With respect to Paragraph 5.12 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.12 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	i. Production and Service Provision					
	i. Completeness With respect to Paragraph 5.13 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.13 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	j. Identification and Traceability					
	i. Completeness With respect to Paragraph 5.14 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.14 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	k. Customer Property					
	i. Completeness With respect to Paragraph 5.15 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.15 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	I. Preservation of Product					
	i. Completeness With respect to Paragraph 5.16 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.16 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	m. Control of Nonconforming Product					
	i. Completeness With respect to Paragraph 5.17 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.17 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	n. Monitoring and Measurement					
	i. Completeness With respect to Paragraph 5.18 of ISO 10005:2005, the provided information:	fully describes the topic and clearly demonstrates that Canada’s objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada’s objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.18 of ISO 10005:2005, the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Table F1-2 – Rated Technical Evaluation Criteria (cont'd)

Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
Annex F, Paragraph 1.2.4	o. Audit					
	i. Completeness With respect to Paragraph 5.19 of ISO 10005:2005 (E), the provided information:	fully describes the topic and clearly demonstrates that Canada's objectives will be met.	10			
		adequately describes the topic and demonstrates that Canada's objectives are likely to be met.	4			
		poorly describes the topic and demonstrates that Canada's objectives are likely not to be met.	1			
	ii. Maturity With respect to Paragraph 5.19 of ISO 10005:2005 (E), the provided information demonstrates:	comprehensive depth of knowledge, capability and commitment such that the probability of failure to achieve is very low.	10			
		adequate depth of knowledge, capability and commitment such that the probability of failure to achieve is moderate.	6			
		inadequate depth of knowledge, capability and commitment such that the probability of failure to achieve is likely.	3			

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Demonstration Method	Rated Technical Evaluation Criteria		Available Points	Bidder Declaration		DND Evaluation
				Claimed Points	Cross Reference	Awarded Points
		Available Points from 1, 2, 3, & 4	/600			

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TABLE F 1-3 COMPLETENESS AND MATURITY POINT GUIDE

Completeness	Requirement	Criteria	Points
	Fully describes the topic	Addresses all points of the respective ISO 10005:2005 (E) paragraph requirement	3
	Clearly demonstrates that Canada's objectives will be met	Provision of relevant written response for the objective of each respective point of the respective ISO to the customer requirement	7
	Adequately describes the topic	Addresses less than all of the points of the respective ISO 10005:2005 (E) paragraph requirement	1
	Demonstrates that Canada's objectives will be met	Provision of relevant written response for the objective of each point of the respective ISO to the customer requirement	3
	Poorly describes the topic	Addresses none of the points of the respective ISO 10005:2005 (E) paragraph requirement but does note the respective ISO 10005:2005 (E) paragraph requirement	0
	Demonstrates that Canada's objectives will not be met	Discussion on reason for omission of points of the respective ISO 10005:2005 (E) paragraph	1

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Maturity	Comprehensive depth of			
		Knowledge	<p>Provision of a written response relevant to how the objective for the respective ISO 10005:2005 (E) paragraph of the specific case quality plan will be met and the provision of the organization's currently documented processes or procedures relevant to the ISO paragraph requirement.</p> <p>The organization's documented processes or procedures must accompany the response to the RFP, if referred to for the purposes of this rated technical evaluation.</p>	3
		Capability	<p>Provision of a written response relevant to the resources, including infrastructure, human resources and material to be utilized for completion of the objective for the respective ISO 10005:2005 (E) paragraphs of the specific case quality plan and the provision of the organization's currently documented processes or procedures relevant to the ISO paragraph requirement. The organization's documented processes or procedures must accompany the response to the RFP, if referred to for the purposes of this rated technical evaluation.</p>	3
		Commitment	<p>Provision of a written response relevant to the timeframes and/or dates by which the objective for the respective ISO 10005:2005 (E) paragraph of the specific case quality plan will be met and the provision of the organization's currently documented processes or procedures relevant to the ISO paragraph requirement. The organization's documented processes or procedures must accompany the response to the RFP, if referred to for the purposes of this rated technical evaluation.</p>	4

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Maturity	Adequate depth of		
	Knowledge	<p>Provision of a written response relevant to how the objective for the respective ISO 10005:2005 (E) paragraph of the specific case quality plan will be met.</p> <p>In this case, there is no requirement for the provision of the organization's currently documented processes or procedures.</p>	2
	Capability	<p>Provision of a written response relevant to the resources, including infrastructure, human resources and material to be utilized for completion of the objective for the respective ISO 10005:2005 (E) paragraph of the specific case quality plan.</p> <p>In this case, there is no requirement for the provision of the organization's currently documented processes or procedures.</p>	2
	Commitment	<p>Provision of a written response relevant to the timeframes and/or dates by which the objective for the respective ISO 10005:2005 (E) paragraph of the specific case quality plan will be met.</p> <p>In this case, there is no requirement for the provision of the organizations' currently documented processes or procedures.</p>	2

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Maturity	Inadequate depth of			
		Knowledge	<p>Provision of a written response relevant to how the objective for the respective ISO 10005:2005 (E) paragraphs will be met without any reference to the specific case quality plan.</p> <p>In this case, there is no provision of the organization's currently documented processes or procedures.</p>	1
		Capability	<p>Provision of a written response relevant to the resources, including infrastructure, human resources and material to be utilized for completion of the objective for the respective ISO 10005:2005 (E) paragraphs without any reference to the specific case quality plan.</p> <p>In this case, there is no provision of the organization's currently documented processes or procedures.</p>	1
		Commitment	<p>Provision of a written response relevant to the timeframes and/or dates by which the objective for the respective ISO 10005:2005 (E) paragraph of the specific case quality plan will be met without any reference to the specific case quality plan.</p> <p>In this case, there is no provision of the organization's currently documented processes or procedures.</p>	1

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Table F1-4
Environmental Health and Safety (EHS) Performance Survey

Ser	Subject Area	Survey Question
1	Regulatory Compliance History - Environmental	Has the Bidder/Contractor been convicted of an offence under Environmental laws in any jurisdiction in the last 3 years?
2	Regulatory Compliance History – Occupational Health and Safety	Has the Bidder/Contractor been convicted of an offence under Occupational Health and Safety (OHS) laws in any jurisdiction in the last 3 years?
3	Environmental Management System (EMS)	Does the Bidder/Contractor EMS have an ISO 14001 certification? If Yes, a copy of the ISO 14001 certificate obtained within the last 3 years by an accredited body should be submitted with this survey.
4	Environmental Management System (EMS)	If No, the Bidder/Contractor should answer the questions and submit the policy/information requested below. Does your organization have an environmental policy? If Yes, provide a copy of the policy which should be signed by top management and include the following. <ol style="list-style-type: none"> 1. A statement of commitment to compliance with applicable laws and regulations, continual improvement of environmental performance, and pollution prevention. 2. A list identifying the significant environmental aspects of the activities, products and services of your organization. 3. A list of legal requirements that apply to the significant environmental aspects identified in the list required at question number 2. 4. A report (conducted within the last 3 years) that evaluated the compliance of the activities, products and services of your organization with relevant environmental legislation and regulations.

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Ser	Subject Area	Survey Question
		5. A list of environmental objectives and targets which are consistent with the environmental policy of your organization.
5	Environmental Management System (EMS)	<p>Has your organization established, implemented and maintained an environmental management program to achieve its objectives and targets?</p> <p>Has your organization's management team ensured the availability and training of resources required for an effective environmental management?</p> <p>Provide a copy of your Emergency preparedness and Response Plan.</p> <p>Has your organization developed preventive and protective measures, such as the use of engineering controls, to mitigate environmental risks?</p>
6	Occupational Health and Safety Management System (OHSMS)	<p>Does the Bidder/Contractor organization have an Occupational Health and Safety Management System certified OSHAS 18001 or Z1000-06 CSA?</p> <p>If Yes, a copy of the OSHAS 18001 or Z1000-06 CSA certificate obtained within the last 3 years by an accredited body should be submitted with this survey.</p>

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Ser	Subject Area	Survey Question	
7	Occupational Health and Safety Management System (OHSMS)	<p>If No, the Bidder/Contractor should answer the questions and submit the policy/information below:</p> <p>Does your organization have an OHS policy? If Yes, a copy of the formal OHS policy should be submitted with this survey.</p> <p>The policy should be signed by top management and include a statement of commitment for:</p> <ul style="list-style-type: none">- compliance with applicable laws and regulations,- prevention of injury and ill health, and- continual improvement in OHS management. <p>Has your organization developed preventive and protective measures, such as use of personal protective equipment, to mitigate the OHS risks?</p> <p>Does your organization have a hazardous material inventory system in place?</p> <p>Does your organization have a hazardous materials management program in place for their receipt, storage, use and disposal? If Yes a copy of the Hazardous materials management program should be submitted with this survey and should cover hazardous materials: receipt, storage, use, and disposal.</p>	
8	Occupational Health and Safety Management System (OHSMS)	Are the Bidder's employees currently trained on the identification, classification and regulatory requirements pertaining to the safe use of hazardous materials/controlled products including labelling and Material Safety Data Sheets (MSDSs)?	

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ANNEX G

Bidder Certifications

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Bidder Certifications

This Annex contains the Certification templates listed in Part 5 of the RFP.

List of Appendixes:

Appendix G1 – Canadian Content Certification

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Appendix G1

Canadian Content Certification

The Bidder certifies that:

- () a minimum of 80 percent of the total bid price consists of Canadian goods as defined in paragraph 1 of clause [A3050T](#).

Signature of authorized representative: _____.

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ANNEX H

Non-Disclosure Agreement

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Non-Disclosure Agreement

Land Command Support System Life Extension (LCSS LE) Project

This Agreement made in duplicate this _____ day of _____ 201____.
(Day number) (Month) (Year)

BETWEEN Her Majesty the Queen in Right of Canada as Represented by the Minister of Public Works and Government Services ("Canada")

AND _____ receiving the unclassified
(Full legal name of organization in print)
information as constituted pursuant to the laws of _____ and having a
(Insert laws in print)
place of business at _____ (the "Recipient").
(Complete address in print)

Whereas Canada has issued a Request for Proposal (RFP) No. **W8476-134421/A**, to solicit proposals for the Land Command Support System Life Extension (LCSS LE) Project; and

Whereas in accordance with the provisions of the RFP Canada has provided for the disclosure of certain information listed in Appendix A2 to Annex A of the RFP ("Information"); and

Whereas the Recipient wishes to receive the Information solely for the purpose of preparing a proposal in response to the LCSS LE RFP.

Therefore, in consideration of the premises and the mutual promises, conditions and agreements of this Agreement the Parties hereto agree as follows:

1. Subject to the terms and conditions of this Agreement Canada agrees to disclose the Information to the Recipient on an as requested basis.
2. The Recipient agrees that it shall use the Information solely for the purpose of preparing a proposal in response to the LCSS LE RFP and for no other purpose.
3. The Recipient acknowledges that the Information may be subject to certain proprietary rights belonging to various parties and shall not be used by the Recipient or disclosed to anyone at anytime except for the purposes of, and in accordance with, this Agreement and for no other purpose and shall ensure that its personnel do likewise.
4. The Recipient shall not disclose the Information to anyone unless and until the proposed recipient has signed an agreement in terms identical to this Agreement with the necessary changes to reflect names, addresses, offices and the like. Such disclosure shall be made only to a recipient with a need to know and solely for the purposes of the preparation of a proposal in response to the LCSS LE RFP.
5. The Recipient shall not copy, reproduce or otherwise duplicate the Information or any information reflecting the Information in whole or in part or allow others to do so for any

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purposes other than the preparation of a bid in response to this LCSS LE RFP unless Canada has given its express, prior, written approval.

6. Whether in storage or in use, the information shall be protected by the Recipient with the same degree of care as the Recipient uses to protect its own proprietary intellectual property of like importance against public disclosure, but in no case any less than reasonable care.
7. The Recipient shall return the Information when it is no longer required for the preparation of a proposal in response to the LCSS LE RFP, when required by Canada to do so, or with its proposal. In like fashion the Recipient shall return any copies it may have been allowed to make which are in a media that is capable of being sent with the proposal, shall destroy any other copies or any information reflecting the Information on any media whatsoever, and shall ensure that anyone to whom the Information has been divulged do likewise. Those who do not submit a proposal must nevertheless comply with this paragraph by the Closing Date of the LCSS LE RFP.
8. The obligations herein contained shall survive the submission of a bid and the performance of any contract awarded and shall continue thereafter in full force and effect.
9. This Agreement shall be interpreted, and the relationship of the parties be determined, in accordance with the laws in force in the province of Ontario in Canada.

IN WITNESS THEREOF, this Agreement has been executed by duly authorized officers of

(Name of Recipient in print)

Per: _____
(Name of duly authorized officer in print)

(Title of duly authorized officer in print)

(Signature of duly authorized officer)

(Date in print)

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Buyer ID
025qd

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W8476-134421

File No.
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Appendix A1 to Annex A



NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

Appendix A1 to Annex A

Deliverable Items

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Table A1-1

Contract Line Item Number (CLIN)	Description	Part Number	NSN / PSCN	Table A1 - 1 - DELIVERY SCHEDULE															
				TOTAL QTY	LRIP / FAI 4 MAC A	1 5 MACA	2 6 MACA	3 7 MACA	4 8 MACA	5 9 MACA	6 10 MACA	7 11 MACA	8 12 MACA	9 13 MACA	10 14 MACA	11 15 MACA	12 16 MACA	First Optional Qty	Second Optional Qty
001	Cable Assy, Antenna	987-4640-001	5995-01-504-1762	400		28	32	32	32	33	33	33	33	35	35	35	35	100	100
002	Cable Assy, CNR-001/X, 6800 MM	9375913-55	5995-21-920-1133	19	2				2	2	2	2	2	2	2	2	1	0	0
003	Cable Assy, CNR-007/X, 750 MM	9375975-37	5995-21-921-4105	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100
004	Cable Assy, CNR-025/X, 700 MM	9376080-20	5995-21-921-0773	400		30	33	33	33	33	33	33	33	34	35	35	35	100	100
005	Cable Assy, CNR-025/X, 4800 MM	9376080-21	5995-20-A0H-7732	400		30	33	33	33	33	33	33	33	34	35	35	35	100	100
006	Cable Assy, CNR-025/X, 3200 MM	9376080-29	5995-21-921-1794	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
007	Cable Assy, CNR-025/X, 2900 MM	9376080-47	5995-21-921-6847	800		60	60	60	60	60	60	60	60	80	80	80	80	200	100
008	Cable Assy, CNR-025/X, 3325 MM	9376080-48	5995-20-000-9391	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
009	Cable Assy, CNR-025/X, 5200 MM	9376080-53	5995-20-002-4847	40										10	10	10	10	0	0
010	Cable Assy, CNR-025/X, 8500 MM	9376080-55	5995-20-000-9388	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100
011	Cable Assy, CNR-033/X, 800 MM	9383331-4	5995-20-003-6740	120	2	28	30	30	30									30	100
012	Cable Assy, CNR-034/X, 7100 MM	9383332-8	5995-20-001-5213	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100
013	Cable Assy, CNR-040/X, 5100 MM	0477255-9	5995-20-A0H-7670	340	4	29	33	33	33	33	33	33	33	33	33	10	0	87	100
014	Cable Assy, DAGR PWR (PDU) , 5000 MM	0876502-3	6150-20-005-6180	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100
015	Cable Assy, ELAN-301/L.S, branched	0976321-1	5995-20-007-9238	320	4	28	32	32	32	33	33	33	33	35	35	35	35	134	100
016	Cable Assy, ELAN-303/L.S, 1150/350 MM	0976324-2	5995-20-005-5937	40	2	2	4	4	4	4	4	4	4	4	4	0	0	0	0
017	Cable Assy, ELAN-306/L.S, 4000 MM	0976388-5	5995-20-A0H-4706	371	4	28	30	30	30	30	30	30	30	30	29	35	35	0	100
018	Cable Assy, ELAN-314/L.S, 1530 MM	0976332-2	5995-20-A0H-7671	360	4	28	30	30	30	30	30	30	30	30	18	35	35	0	100
019	Cable Assy, ELAN-315/L.S, 1400 MM	0976486-1	5995-20-007-2563	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
020	Cable Assy, ELAN-315/L.S, 8500 MM	0976486-2	5995-20-007-2564	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100

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025qd

Appendix A1 to Annex A

TABLE A1-1

Contract Line Item Number	Description	Part Number	NSN / PSCN	TOTAL QTY	LRIP /FAI 4 MAC	Table A1 - 1 - DELIVERY SCHEDULE												First Optional Qty	Second Optional Qty
						1 5 MACA	2 6 MACA	3 7 MACA	4 8 MACA	5 9 MACA	6 10 MACA	7 11 MACA	8 12 MACA	9 13 MACA	10 14 MACA	11 15 MACA	12 16 MACA		
021	Cable Assy, ELAN-315/LS, 3400 MM	0976486-4	5995-20-007-2566	86		8	8	8	8	8	8	8	8	8	8	6	0	0	0
022	Cable Assy, ELAN-319, 6807 MM	0976649-1	5995-20-007-7811	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100
023	Cable Assy, ELAN-320/LS, 600/3300/3100 MM	0976463-1	5995-20-007-2529	53		5	5	5	5	5	5	5	5	5	5	3	0	0	0
024	Cable Assy, ELAN-320/LS, 600/4200/4000 MM	0976463-2	5995-20-007-2531	52	2	5	5	5	5	5	5	5	5	5	3	2	0	0	0
025	Cable Assy, ELAN-320/LS, 2000/1400 MM	0976463-3	5995-20-007-7152	104		10	10	9	9	9	9	9	9	9	7	9	5	0	0
026	Cable Assy, ELAN-321/LS, 4600 MM	0976467-1	5995-20-007-2499	53	2	5	5	5	5	5	5	5	5	5	3	3	0	0	0
027	Cable Assy, ELAN-322/LS, 4000 MM	0976466-1	5995-20-007-2500	53	2	5	5	5	5	5	5	5	5	5	3	3	0	0	0
028	Cable Assy, ELAN-326/LS, 1000 MM	0976496-3	5995-20-A0H-7673	300	4	28	32	32	33	34	34	34	34	35	0	0	0	100	100
029	Cable Assy, FI AN-328, 1400 MM	0976534-1	5995-20-007-6250	116		10	10	10	10	10	10	10	10	10	10	10	6	0	0
030	Cable Assy, ELAN-328, 4730 MM	0976534-2	5995-20-A0H-7672	400	4	28	32	32	32	33	33	33	33	35	35	35	35	100	100
031	Cable Assy, ELAN-333/LS, 500/4150 MM	0976322-11	5995-20-007-5911	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
032	Cable Assy, ELAN-333/LS, 600/650 MM	0976322-12	5995-20-007-5913	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
033	Cable Assy, ELAN-333/LS, 500/2450 MM	0976322-13	5995-20-007-5917	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
034	Cable Assy, ELAN-333/LS, 1800/750 MM	0976322-14	5995-20-007-5919	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
035	Cable Assy, ELAN-333/LS, 1700/3200 MM	0976322-16	5995-20-007-5922	55		5	5	5	5	5	5	5	5	5	5	5	0	0	0
036	Cable Assy, ELAN-333/LS,620/3000 MM	0976322-27	5995-20-A0H-7675	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
037	Cable Assy, ELAN-333/LS, 1700/3300 MM	0976322-28	5995-20-A0H-7695	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
038	Cable Assy, ELAN-333/LS, 560/1400 MM	0976322-29	5995-20-A0H-7693	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
039	Cable Assy, ELAN-333/LS, 560/3600 MM	0976322-30	5995-20-A0H-7692	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
040	Cable Assy, ELAN-333/LS, 560/3300 MM	0976322-31	5995-20-A0H-7690	240		30	32	33	33	33	9	35	35	0	0	0	0	63	100

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Table A1-1

Contract Line Item Number	Description	Part Number	NSN / PSCN	Table A1 - 1 - DELIVERY SCHEDULE															First Optional Qty	Second Optional Qty
				TOTAL QTY	LRIP /FAI 4 MAC	1 5 MACA	2 6 MACA	3 7 MACA	4 8 MACA	5 9 MACA	6 10 MACA	7 11 MACA	8 12 MACA	9 13 MACA	10 14 MACA	11 15 MACA	12 16 MACA			
041	Cable Assy, ELAN-333/LS, 1100/3300 MM	0976322-32	5995-20-A0H-7689	160	4	29	33	33	33	28	0	0	0	0	0	0	0	37	100	
042	Cable Assy, ELAN-333/LS, 560/2050 MM	0976322-33	5995-20-A0H-7723	240		40	40	40	40	40	40	0	0	0	0	0	0	63	100	
043	Cable Assy, HIDS-001/LS, 1300 MM	9375915-21	5995-21-913-7519	5		1	1	1	1	1	0	0	0	0	0	0	0	0	0	
044	Cable Assy, HIDS-001/LS, 1400 MM	9375915-23	5995-21-913-7521	35		3	3	3	3	3	3	3	3	3	3	3	2	0	0	
045	Cable Assy, HIDS-001/LS, 1850 MM	9375915-25	5995-21-913-7523	69		6	6	6	6	6	6	6	6	6	6	6	3	0	0	
046	Cable Assy, HIDS-001/LS, 2000 MM	9375915-27	5995-21-920-1495	86		8	8	8	8	8	8	8	8	8	8	6	0	0	0	
047	Cable Assy, HIDS-001/LS, 2400 MM	9375915-30	5995-21-920-1504	26		3	3	3	3	3	3	3	3	2	0	0	0	0	0	
048	Cable Assy, HIDS-001/LS, 2670 MM	9375915-32	5995-21-920-1511	10		1	1	1	1	1	1	1	1	1	1	0	0	0	0	
049	Cable Assy, HIDS-001/LS, 2800 MM	9375915-34	5995-21-920-1515	161		14	14	14	14	14	14	14	14	14	14	14	7	0	0	
050	Cable Assy, HIDS-001/LS, 4250 MM	9375915-40	5995-21-920-1571	119		10	10	10	10	10	10	10	10	10	10	10	9	0	0	
051	Cable Assy, HIDS-001/LS, 6100 MM	9375915-41	5995-21-920-1572	41		4	4	4	4	4	4	4	4	4	4	1	0	0	0	
052	Cable Assy, HIDS-001/LS, 6800 MM	9375915-47	5995-20-000-9808	400		29	33	33	33	33	33	33	33	35	35	35	35	100	100	
053	Cable Assy, HIDS-001/LS, 3300 MM	9375915-57	5995-20-000-9400	113		10	10	10	10	10	10	10	10	10	10	10	3	0	0	
054	Cable Assy, HIDS-001/LS, 5400 MM	9375915-59	5995-20-A0H-7722	400	4	29	33	33	33	33	33	33	33	34	34	34	34	100	100	
055	Cable Assy, HIDS-133/L, 1300 MM	9375914-14	5995-21-921-6631	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0	
056	Cable Assy, HIDS-133/L, 4400 MM	9375914-24	5995-20-000-9839	400	4	29	33	33	33	33	33	33	33	35	35	35	31	100	100	
057	Cable Assy, HIDS-133/L, 2200 MM	9375914-35	5995-21-921-6643	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0	
058	Cable Assy, HIDS-204/LS, 600 MM	0477248-9	5995-20-007-6268	238	2	20	20	20	20	20	20	20	20	20	20	20	16	0	0	
059	Cable Assy, HIDS-213/LS, 2600 MM	0677447-9	5995-20-007-6441	340	4	29	33	33	33	33	33	33	32	32	32	13	0	45	100	
060	Cable Assy, PWR-008, 1000 MM	9375922-5	5995-21-913-7545	2		1	1	0	0	0	0	0	0	0	0	0	0	0	0	

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Appendix A1 to Annex A

TABLE A1-1

Contract Line Item Number	Description	Part Number	NSN / PSCN	TOTAL QTY	LRIP /FAI 4 MAC	Table A1 - 1 - DELIVERY SCHEDULE												First Optional Qty	Second Optional Qty
						1 5 MACA	2 6 MACA	3 7 MACA	4 8 MACA	5 9 MACA	6 10 MACA	7 11 MACA	8 12 MACA	9 13 MACA	10 14 MACA	11 15 MACA	12 16 MACA		
061	Cable Assy, PWR-008, 1300 MM	9375922-9	5995-21-913-7549	19		2	2	2	2	2	2	2	2	2	1	0	0	0	0
062	Cable Assy, PWR-008, 2200 MM	9375922-22	5995-21-913-7562	400		29	33	33	33	33	33	33	33	35	35	35	35	100	100
063	Cable Assy, PWR-008, 2600 MM	9375922-28	5995-21-920-0910	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
064	Cable Assy, PWR-008, 5850 MM	9375922-48	5995-20-001-2750	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
065	Cable Assy, PWR-008, 5000 MM	9375922-54	5995-20-001-2746	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
066	Cable Assy, PWR-008, 4300 MM	9375922-57	5995-21-921-3522	400	4	29	33	33	33	33	33	33	33	35	35	35	31	100	100
067	Cable Assy, PWR-013, 7400 MM	9375923-43	5995-20-A0H-7721	400	4	29	33	33	33	33	33	33	33	35	35	35	31	100	100
068	Cable Assy, PWR-070, 4000 MM	0477246-5	5995-20-004-5151	326	4	29	33	33	33	33	33	33	34	35	26	0	0	74	100
069	Cable Assy, PWR-071, 5100 MM	0477245-6	5995-20-A0H-7735	400	4	29	33	33	33	33	33	33	33	35	35	35	31	100	100
070	Cable Assy, PWR-090, 6900 MM	0976319-8	5995-20-A0H-7736	60	4	29	27	0	0	0	0	0	0	0	0	0	0	15	100
071	Cable Assy, PWR-090, 2800 MM	0976319-9	5995-20-A0H-7734	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
072	Cable Assy, PWR-091, 2400MM	0976342-6	6150-20-007-7153	60	2	5	5	5	5	5	5	5	5	5	5	5	3	0	0
073	Cable Assy, PWR-093, 1700 MM	0976464-1	5995-20-007-2581	54	2	5	5	5	5	5	5	5	5	5	5	2	0	0	0
074	Cable Assy, PWR-094, 4800 MM	0976498-2	5995-20-007-2545	10	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0
075	Cable Assy, PWR-094, 1350 MM	0976498-3	6150-20-007-7162	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
076	Cable Assy, PWR-094, 1150 MM	0976498-4	6150-20-007-7165	40		4	4	4	4	4	4	4	4	4	4	0	0	0	0
077	Cable Assy, PWR-096, 3950 MM	0976532-1	6150-20-007-7160	40	2	4	4	4	4	4	4	4	4	4	2	0	0	0	0
078	Cable Assy, PWR-097, 4600 MM	0976574-3	6150-20-007-7157	400	4	29	33	33	33	33	33	33	33	35	35	35	31	100	100
079	Cable Assy, PWR-097, 1000 MM	0976574-4	6150-20-007-7158	400		30	32	33	33	33	33	33	33	35	35	35	35	100	100
080	Cable Assy, VIU Bypass, 520 MM	0078571-1	5995-20-004-9609	1078	10	100	100	100	100	100	100	100	100	100	100	68	0	200	100

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Appendix A2 to Annex A



NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

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Referenced Documents

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Appendix A2

Referenced Documents

This appendix identifies the documents referenced within Annex A and/or the Contract.

List of Tables:

Table A2-1 – Commercially Available information

Table A2-2 – Government Furnished Information

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Table A2-1 – Commercially Available Information

Number	Title
ANSI/AIM BC4-1999	International Symbology Specification – Software 128
IPC/WHMA-A-620 B	Requirements and Acceptance for Cable and Wire Harness Assemblies
ISO 9001	Quality Management Systems – Requirements
ISO 14001	Environmental Management Systems; Specification with Guidance for Use
Z1000-06 CSA	Occupational Health and Safety Management
OHSAS 18001	Occupational Health and Safety Management Systems - Requirements

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Table A2-2 – Government Furnished Information

Number	Title
D-02-006-008/SG-001	The Design Change, Deviation and Waiver Procedure, Ch1 - 1985-05-16
D-LM-008-001/SF-001	Method of Packaging, Ch1 - 1986-06-30
D-LM-008-002/SF-001	Specification for Marking for Storage and Shipment, 1991-08-01
D-LM-008-011/SF-001	Preparation and Use of Packaging Requirement Codes, 1988-11-10
A-EN-007-000/FP-001	DND Environmental Assessment Manual
0976321	Cable Assy, ELAN-301/LS Data Package
0976324	Cable Assy, ELAN-303/LS Data Package
0976388	Cable Assy, ELAN-306/LS Data Package
0976332	Cable Assy, ELAN-314 Data Package
0976486	Cable Assy, ELAN-315/LS Data Package
0976649	Cable Assy, ELAN-319/LS Data Package
0976463	Cable Assy, ELAN-320/LS Data Package
0976467	Cable Assy, ELAN-321/LS Data Package
0976466	Cable Assy, ELAN-322/LS Data Package
0976496	Cable Assy, ELAN-326/LS Data Package
0976534	Cable Assy, ELAN-328 Data Package
0976322	Cable Assy, ELAN-333/LS Data Package
9375913	Cable Assy, CNR-001/X Data Package
9375975	Cable Assy, CNR-007/X Data Package
9376080	Cable Assy, CNR-025/X Data Package
9383331	Cable Assy, CNR-033/X Data Package
9383332	Cable Assy, CNR-034/X Data Package
0477255	Cable Assy, CNR-040/X Data Package
9375915	Cable Assy, HIDS-001/LS Data Package
9375914	Cable Assy, HIDS-133/L Data Package
0477248	Cable Assy, HIDS-204/LS Data Package
0677447	Cable Assy, HIDS-213/LS Data Package
9375922	Cable Assy, PWR-008 Data Package
9375923	Cable Assy, PWR-013 Data Package
0477246	Cable Assy, PWR-070 Data Package
0477245	Cable Assy, PWR-071 Data Package
0976319	Cable Assy, PWR-090 Data Package
0976342	Cable Assy, PWR-091 Data Package
0976464	Cable Assy, PWR-093 Data Package
0976498	Cable Assy, PWR-094 Data Package
0976532	Cable Assy, PWR-096 Data Package
0976574	Cable Assy, PWR-097 Data Package
0876502	Cable Assy, DAGR PWR (PDU) Data Package
0078571	Cable Assy, VIU Bypass Data Package
987-4640	Cable Assy, Antenna

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Appendix A3 to Annex A

Dictionary of Terms and Acronyms

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Appendix A3

Dictionary of Terms and Acronyms


Term/Acronym Definition

Assy	Assembly
AVL	Alternate Vendor List
BOM	Bill of Material
CA	Contracting Authority
CAGE	Contractor and Government Entity
CCA	Circuit Card Assembly
CDRL	Contract Data Requirements List
CEPA	Canadian Environmental Protection Act
CFSD	Canadian Forces Supply Depot
CFSS	Canadian Forces Supply System
CFTO	Canadian Forces Technical Order
CGP	Controlled Goods Program
COTS	Commercial-Off-The-Shelf
DDP	Delivered Duty Paid
DID	Data Item Description
DLCSPM	Director Land Command Systems Program Management
DLP	Director Land Procurement
DND	Department of National Defence
DRMIS	Defence Resource Management Information System
EHS	Environmental Health and Safety
EMS	Environmental Management System
EMSEC	Emission Security
FAAP	First Article Approval Procedure
FAI	First Article Inspection
FAIR	First Article Inspection Report
FCP	Federal Contractors Program
FRP	Full Rate Production
GETS	Government Electronic Tendering System
GFE	Government Furnished Equipment
GFI	Government Furnished Information
GFM	Government Furnished Material
Hg	Mercury
ISO	International Organization for Standardization
LCSS	Land Command Support System
LCSS LE	Land Command Support System Life Extension
LRIP	Low Rate Initial Production
MACA	Months After Contract Award
MSDS	Material Safety Data Sheets
MPS	Master Project Schedule
NCAGE	NATO Contractor and Government Entity
NDA	Non-Disclosure Agreement
NDHQ	National Defence Headquarters
No.	Number

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Term/Acronym Definition

NSCM	NATO Supply Code for Manufacturers
NSN	NATO Stock Number
OEM	Original Equipment Manufacturer
OHS	Occupational Health and Safety
OHSMS	Occupational Health and Safety Management System
OPI	Office of Primary Interest
PA	Procurement Authority
PSCN	Permanent System Control Number
PWGSC	Public Works and Government Services Canada
Pwr	Power
QA	Quality Assurance
QAC	Quality Assurance Code
QAR	Quality Assurance Representative
Qty	Quantity
RFP	Request for Proposal
SACC	Standard Acquisition Clauses and Conditions
STE	Special Test Equipment
TA	Technical Authority
TDP	Technical Data Package
WIP	Work in Progress

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Appendix A4 to Annex A

Government Furnished Material

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Appendix A4

Government Furnished Material

This appendix identifies the Government Furnished Material (GFM) referenced within Annex A and/or the Contract.

Circuit Card Assembly (CCA), VIP Alarm Cable Part # 0976587-1 associated with the ELAN 320 Cable Assembly, Part number 0976463, will be provided as GFM.

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ANNEX B

Deliverables List

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ANNEX B

Deliverables List

Annex "B", Table B-1 - Firm Requirement

LINE ITEM DESCRIPTION						
Item No.	Description	Part Number	NSN	Firm Quantity	Firm Unit Price	Extended Price
001	Cable Assy, Antenna	987-4640-001	5995-01-504-1762	400		
002	Cable Assy, CNR-001/X, 6800 MM	9375913-55	5995-21-920-1133	19		
003	Cable Assy, CNR-007/X, 750 MM	9375975-37	5995-21-921-4105	400		
004	Cable Assy, CNR-025/X, 700 MM	9376080-20	5995-21-921-0773	400		
005	Cable Assy, CNR-025/X, 4800 MM	9376080-21	5995-20-A0H-7732	400		
006	Cable Assy, CNR-025/X, 3200 MM	9376080-29	5995-21-921-1794	400		
007	Cable Assy, CNR-025/X, 2900 MM	9376080-47	5995-21-921-6847	800		
008	Cable Assy, CNR-025/X, 3325 MM	9376080-48	5995-20-000-9391	400		
009	Cable Assy, CNR-025/X, 5200 MM	9376080-53	5995-20-002-4847	40		
010	Cable Assy, CNR-025/X, 6500 MM	9376080-55	5995-20-000-9388	400		
011	Cable Assy, CNR-033/X, 800 MM	9383331-4	5995-20-003-6740	120		
012	Cable Assy, CNR-034/X, 7100 MM	9383332-8	5995-20-001-5213	400		
013	Cable Assy, CNR-040/X, 5100 MM	0477255-9	5995-20-A0H-7670	340		
014	Cable Assy, DAGR PWR (PDU) 5000 MM	0876502-3	6150-20-005-6180	400		
015	Cable Assy, ELAN-301/L/S, "T"	0976321-1	5995-20-005-9238	320		
016	Cable Assy, ELAN-303/L/S, 1150/350 MM	0976324-2	5995-20-005-5937	40		
017	Cable Assy, ELAN-306/L/S, 4000 MM	0976388-5	5995-20-A0H-4706	371		
018	Cable Assy, ELAN-314/L/S, 1530 MM	0976332-2	5995-20-A0H-7671	360		
019	Cable Assy, ELAN-315/L/S, 1400 MM	0976486-1	5995-20-007-2563	40		
020	Cable Assy, ELAN-315/L/S, 8500 MM	0976486-2	5995-20-007-2564	400		
021	Cable Assy, ELAN-315/L/S, 3400 MM	0976486-4	5995-20-007-2566	86		
022	Cable Assy, ELAN-319, Branched	0976649-1	5995-20-007-7811	400		
023	Cable Assy, ELAN-320/L/S, 600/3300/3100 MM	0976463-1	5995-20-007-2529	53		
024	Cable Assy, ELAN-320/L/S, 600/4200/4000 MM	0976463-2	5995-20-007-2531	52		
025	Cable Assy, ELAN-320/L/S, Branched	0976463-3	5995-20-007-7152	104		
026	Cable Assy, ELAN-321/L/S, 4600 MM	0976467-1	5995-20-007-2499	53		
027	Cable Assy, ELAN-322/L/S, 4000 MM	0976466-1	5995-20-007-2500	53		
028	Cable Assy, ELAN-326/L/S, 4880 MM	0976496-3	5995-20-A0H-7673	300		
029	Cable Assy, ELAN-328, 1400 MM	0976534-1	5995-20-007-6250	116		
030	Cable Assy, ELAN-328, 4730 MM	0976534-2	5995-20-A0H-7672	400		

Annex "B", Table B-1 - Firm Requirement

LINE ITEM DESCRIPTION					
Item No.	Description	Part Number	NSN	Total Firm Quantity	Firm Unit Price
031	Cable Assy, ELAN-333/LS, 500/4150 MM	0976322-11	5995-20-007-5911	40	
032	Cable Assy, ELAN-333/LS, 600/650 MM	0976322-12	5995-20-007-5913	40	
033	Cable Assy, ELAN-333/LS, 500/2450 MM	0976322-13	5995-20-007-5917	40	
034	Cable Assy, ELAN-333/LS, 1800/750 MM	0976322-14	5995-20-007-5919	40	
035	Cable Assy, ELAN-333/LS, 1700/3200 MM	0976322-16	5995-20-007-5922	55	
036	Cable Assy, ELAN-333/LS, 620/3000 MM	0976322-27	5995-20-A0H-7675	400	
037	Cable Assy, ELAN-333/LS, 1700/3300 MM	0976322-28	5995-20-A0H-7695	400	
038	Cable Assy, ELAN-333/LS, 560/1400 MM	0976322-29	5995-20-A0H-7693	400	
039	Cable Assy, ELAN-333/LS, 560/3600 MM	0976322-30	5995-20-A0H-7692	400	
040	Cable Assy, ELAN-333/LS, 560/3300 MM	0976322-31	5995-20-A0H-7690	240	
041	Cable Assy, ELAN-333/LS, 1100/3300 MM	0976322-32	5995-20-A0H-7689	160	
042	Cable Assy, ELAN-333/LS, 560/2050 MM	0976322-33	5995-20-A0H-7723	240	
043	Cable Assy, HIDS-001/LS, 1300 MM	9375915-21	5995-21-913-7519	5	
044	Cable Assy, HIDS-001/LS, 1400 MM	9375915-23	5995-21-913-7521	35	
045	Cable Assy, HIDS-001/LS, 1850 MM	9375915-25	5995-21-913-7523	69	
046	Cable Assy, HIDS-001/LS, 2000 MM	9375915-27	5995-21-920-1495	86	
047	Cable Assy, HIDS-001/LS, 2400 MM	9375915-30	5995-21-920-1504	26	
048	Cable Assy, HIDS-001/LS, 2670 MM	9375915-32	5995-21-920-1511	10	
049	Cable Assy, HIDS-001/LS, 2800 MM	9375915-34	5995-21-920-1515	161	
050	Cable Assy, HIDS-001/LS, 4250 MM	9375915-40	5995-21-920-1571	119	
051	Cable Assy, HIDS-001/LS, 6100 MM	9375915-41	5995-21-920-1572	41	
052	Cable Assy, HIDS-001/LS, 6800 MM	9375915-47	5995-20-000-9808	400	
053	Cable Assy, HIDS-001/LS, 3300 MM	9375915-57	5995-20-000-9400	113	
054	Cable Assy, HIDS-001/LS, 5400 MM	9375915-59	5995-20-A0H-7722	400	
055	Cable Assy, HIDS-133/L, 1300 MM	9375914-14	5995-21-921-6631	40	
056	Cable Assy, HIDS-133/L, 4400 MM	9375914-24	5995-20-000-9839	400	
057	Cable Assy, HIDS-133/L, 2200 MM	9375914-35	5995-21-921-6643	40	
058	Cable Assy, HIDS-204/LS,600 MM	0477248-9	5995-20-007-6268	238	
059	Cable Assy, HIDS-213/LS, 2600 MM	0677447-9	5995-20-007-6441	340	
060	Cable Assy, PWR-008, 1000 MM	9375922-5	6150-21-913-7545	2	

Annex "B", Table B-1 - Firm Requirement

LINE ITEM DESCRIPTION					
Item No.	Description	Part Number	NSN	Total Firm Quantity	Firm Unit Price
061	Cable Assy, PWR-008, 1300 MM	9375922-9	6150-21-913-7549	19	
062	Cable Assy, PWR-008, 2200 MM	9375922-22	6150-21-913-7562	400	
063	Cable Assy, PWR-008, 2600 MM	9375922-28	6150-21-920-0910	40	
064	Cable Assy, PWR-008, 5850 MM	9375922-48	6150-20-001-2750	40	
065	Cable Assy, PWR-008, 5000 MM	9375922-54	6150-20-001-2746	40	
066	Cable Assy, PWR-008, 4300 MM	9375922-57	6150-21-921-3522	400	
067	Cable Assy, PWR-013, 7400 MM	9375923-43	5995-20-A0H-7721	400	
068	Cable Assy, PWR-070, 4000 MM	0477246-5	5995-20-004-5151	326	
069	Cable Assy, PWR-071, 5100 MM	0477245-6	5995-20-A0H-7735	400	
070	Cable Assy, PWR-090, 6900 MM	0976319-8	5995-20-A0H-7736	60	
071	Cable Assy, PWR-090, 2800 MM	0976319-9	5995-20-A0H-7734	400	
072	Cable Assy, PWR-091, 2400 MM	0976342-6	6150-20-007-7153	60	
073	Cable Assy, PWR-093, 1700 MM	0976464-1	5995-20-007-2581	54	
074	Cable Assy, PWR-094, 4800 MM	0976498-2	5995-20-007-2545	10	
075	Cable Assy, PWR-094, 1350 MM	0976498-3	6150-20-007-7162	40	
076	Cable Assy, PWR-094, 1150 MM	0976498-4	6150-20-007-7165	40	
077	Cable Assy, PWR-096, 3950 MM	0976532-1	6150-20-007-7160	40	
078	Cable Assy, PWR-097, 4600 MM	0976574-3	6150-20-007-7157	400	
079	Cable Assy, PWR-097, 1000 MM	0976574-4	6150-20-007-7158	400	
080	Cable Assy, VIU Bypass, 520 MM	0078571-1	5995-20-004-9609	1078	

Annex "B", Table B-2, Options - Additional Quantities

LINE ITEM DESCRIPTION							
Item No.	Description	Part Number	NSN	OPTION 1		OPTION 2	
				Quantities	Firm Unit Price	Extended Price	Additional Quantities
001	Cable Assy, Antenna	987-4640-001	5995-01-504-1762	100			100
002	Cable Assy, CNR-001/X, 6800 MM	9375913-55	5995-21-920-1133				
003	Cable Assy, CNR-007/X, 750 MM	9375975-37	5995-21-921-4105	100			100
004	Cable Assy, CNR-025/X, 700 MM	9376080-20	5995-21-921-0773	100			100
005	Cable Assy, CNR-025/X, 4800 MM	9376080-21	5995-20-A0H-7732	100			100
006	Cable Assy, CNR-025/X, 3200 MM	9376080-29	5995-21-921-1794	100			100
007	Cable Assy, CNR-025/X, 2900 MM	9376080-47	5995-21-921-6847	200			100
008	Cable Assy, CNR-025/X, 3325 MM	9376080-48	5995-20-000-9391	100			100
009	Cable Assy, CNR-025/X, 5200 MM	9376080-53	5995-20-002-4847				
010	Cable Assy, CNR-025/X, 6500 MM	9376080-55	5995-20-000-9388	100			100
011	Cable Assy, CNR-033/X, 800 MM	9383331-4	5995-20-003-6740	30			
012	Cable Assy, CNR-034/X, 7100 MM	9383332-8	5995-20-001-5213	100			100
013	Cable Assy, CNR-040/X, 5100 MM	0477255-9	5995-20-A0H-7670	87			100
014	Cable Assy, DAGR PWR (PDU) 5000 MM	0876502-3	6150-20-005-6180	100			100
015	Cable Assy, ELAN-301/L/S, "T"	0976321-1	5995-20-005-9238	134			100
016	Cable Assy, ELAN-303/L/S, 1150/350 MM	0976324-2	5995-20-005-5937				
017	Cable Assy, ELAN-306/L/S, 4000 MM	0976388-5	5995-20-A0H-4706				100
018	Cable Assy, ELAN-314/L/S, 1530 MM	0976332-2	5995-20-A0H-7671				100
019	Cable Assy, ELAN-315/L/S, 1400 MM	0976486-1	5995-20-007-2563				
020	Cable Assy, ELAN-315/L/S, 8500 MM	0976486-2	5995-20-007-2564	100			100
021	Cable Assy, ELAN-315/L/S, 3400 MM	0976486-4	5995-20-007-2566				
022	Cable Assy, ELAN-319, Branched	0976649-1	5995-20-007-7811	100			100
023	Cable Assy, ELAN-320/L/S, 600/3300/3100 MM	0976463-1	5995-20-007-2529				
024	Cable Assy, ELAN-320/L/S, 600/4200/4000 MM	0976463-2	5995-20-007-2531				
025	Cable Assy, ELAN-320/L/S, Branched	0976463-3	5995-20-007-7152				
026	Cable Assy, ELAN-321/L/S, 4600 MM	0976467-1	5995-20-007-2499				
027	Cable Assy, ELAN-322/L/S, 4000 MM	0976466-1	5995-20-007-2500				
028	Cable Assy, ELAN-326/L/S, 4880 MM	0976496-3	5995-20-A0H-7673	100			100
029	Cable Assy, ELAN-328, 1400 MM	0976534-1	5995-20-007-6250				
030	Cable Assy, ELAN-328, 4730 MM	0976534-2	5995-20-A0H-7672	100			100
031	Cable Assy, ELAN-333/L/S, 500/4150 MM	0976322-11	5995-20-007-5911				

Annex "B", Table B-2, Options - Additional Quantities

LINE ITEM DESCRIPTION									
Item No.	Description	Part Number	NSN	OPTION 1		Firm Unit Price	Extended Price	OPTION 2	
				Additional Quantities	Quantities			Additional Quantities	Firm Unit Price
032	Cable Assy, ELAN-333/LS, 600/650 MM	0976322-12	5995-20-007-5913						
033	Cable Assy, ELAN-333/LS, 500/2450 MM	0976322-13	5995-20-007-5917						
034	Cable Assy, ELAN-333/LS, 1800/750 MM	0976322-14	5995-20-007-5919						
035	Cable Assy, ELAN-333/LS, 1700/3200 MM	0976322-16	5995-20-007-5922						
036	Cable Assy, ELAN-333/LS, 620/3000 MM	0976322-27	5995-20-A0H-7675	100			100		
037	Cable Assy, ELAN-333/LS, 1700/3300 MM	0976322-28	5995-20-A0H-7695	100			100		
038	Cable Assy, ELAN-333/LS, 560/1400 MM	0976322-29	5995-20-A0H-7693	100			100		
039	Cable Assy, ELAN-333/LS, 560/3600 MM	0976322-30	5995-20-A0H-7692	100			100		
040	Cable Assy, ELAN-333/LS, 560/3300 MM	0976322-31	5995-20-A0H-7690	63			100		
041	Cable Assy, ELAN-333/LS, 1100/3300 MM	0976322-32	5995-20-A0H-7689	37			100		
042	Cable Assy, ELAN-333/LS, 560/2050 MM	0976322-33	5995-20-A0H-7723	63			100		
043	Cable Assy, HIDS-001/LS, 1300 MM	9375915-21	5995-21-913-7519						
044	Cable Assy, HIDS-001/LS, 1400 MM	9375915-23	5995-21-913-7521						
045	Cable Assy, HIDS-001/LS, 1850 MM	9375915-25	5995-21-913-7523						
046	Cable Assy, HIDS-001/LS, 2000 MM	9375915-27	5995-21-920-1495						
047	Cable Assy, HIDS-001/LS, 2400 MM	9375915-30	5995-21-920-1504						
048	Cable Assy, HIDS-001/LS, 2670 MM	9375915-32	5995-21-920-1511						
049	Cable Assy, HIDS-001/LS, 2800 MM	9375915-34	5995-21-920-1515						
050	Cable Assy, HIDS-001/LS, 4250 MM	9375915-40	5995-21-920-1571						
051	Cable Assy, HIDS-001/LS, 6100 MM	9375915-41	5995-21-920-1572						
052	Cable Assy, HIDS-001/LS, 6800 MM	9375915-47	5995-20-000-9808	100			100		
053	Cable Assy, HIDS-001/LS, 3300 MM	9375915-57	5995-20-000-9400						
054	Cable Assy, HIDS-001/LS, 5400 MM	9375915-59	5995-20-A0H-7722	100			100		
055	Cable Assy, HIDS-133/L, 1300 MM	9375914-14	5995-21-921-6631						
056	Cable Assy, HIDS-133/L, 4400 MM	9375914-24	5995-20-000-9839	100				100	
057	Cable Assy, HIDS-133/L, 2200 MM	9375914-35	5995-21-921-6643						

Annex "B", Table B-2, Options - Additional Quantities

LINE ITEM DESCRIPTION									
Item No.	Description	Part Number	NSN	OPTION 1		Firm Unit Price	Extended Price	OPTION 2	
				Additional Quantities	Quantities			Additional Quantities	Firm Unit Price
058	Cable Assy, HIDS-204/LS,600 MM	0477248-9	5995-20-007-6268						
059	Cable Assy, HIDS-213/LS, 2600 MM	0677447-9	5995-20-007-6441	45				100	
060	Cable Assy, PWR-008, 1000 MM	9375922-5	6150-21-913-7545						
061	Cable Assy, PWR-008, 1300 MM	9375922-9	6150-21-913-7549						
062	Cable Assy, PWR-008, 2200 MM	9375922-22	6150-21-913-7562	100				100	
063	Cable Assy, PWR-008, 2600 MM	9375922-28	6150-21-920-0910						
064	Cable Assy, PWR-008, 5850 MM	9375922-48	6150-20-001-2750						
065	Cable Assy, PWR-008, 5000 MM	9375922-54	6150-20-001-2746						
066	Cable Assy, PWR-008, 4300 MM	9375922-57	6150-21-921-3522	100				100	
067	Cable Assy, PWR-013, 7400 MM	9375923-43	5995-20-A0H-7721	100				100	
068	Cable Assy, PWR-070, 4000 MM	0477246-5	5995-20-004-5151	74				100	
069	Cable Assy, PWR-071, 5100 MM	0477245-6	5995-20-A0H-7735	100				100	
070	Cable Assy, PWR-090, 6900 MM	0976319-8	5995-20-A0H-7736	15				100	
071	Cable Assy, PWR-090, 2800 MM	0976319-9	5995-20-A0H-7734	100				100	
072	Cable Assy, PWR-091, 2400 MM	0976342-6	6150-20-007-7153						
073	Cable Assy, PWR-093, 1700 MM	0976464-1	5995-20-007-2581						
074	Cable Assy, PWR-094, 4800 MM	0976498-2	5995-20-007-2545						
075	Cable Assy, PWR-094, 1350 MM	0976498-3	6150-20-007-7162						
076	Cable Assy, PWR-094, 1150 MM	0976498-4	6150-20-007-7165						
077	Cable Assy, PWR-096, 3950 MM	0976532-1	6150-20-007-7160						
078	Cable Assy, PWR-097, 4600 MM	0976574-3	6150-20-007-7157	100				100	
079	Cable Assy, PWR-097, 1000 MM	0976574-4	6150-20-007-7158	100				100	
080	Cable Assy, VIU Bypass, 520 MM	0078571-1	5995-20-004-9609	200				100	

Annex "B", Table B-3 - Financial Bid Presentation Worksheet

Item No.	Description	Part Number	NSN	LINE ITEM DESCRIPTION					Total Firm Quantity	Firm Unit Price	Extended Price	Delivery	Option 1 Additional Quantities	Firm Unit Price	Extended Price	Option 2 Additional Quantities	Firm Unit Price	Extended Price
001	Cable Assy, Antenna	987-4640-001	5995-01-504-1762	400									100					
002	Cable Assy, CNR-001/X, 6800 MM	9375913-55	5995-21-920-1133	19														
003	Cable Assy, CNR-007/X, 750 MM	9375975-37	5995-21-921-4105	400									100					
004	Cable Assy, CNR-025/X, 700 MM	9376080-20	5995-21-921-0773	400									100					
005	Cable Assy, CNR-025/X, 4800 MM	9376080-21	5995-20-A0H-7732	400									100					
006	Cable Assy, CNR-025/X, 3200 MM	9376080-29	5995-21-921-1794	400									100					
007	Cable Assy, CNR-025/X, 2900 MM	9376080-47	5995-21-921-6847	800									200					
008	Cable Assy, CNR-025/X, 3325 MM	9376080-48	5995-20-000-9391	400									100					
009	Cable Assy, CNR-025/X, 5200 MM	9376080-53	5995-20-002-4847	40														
010	Cable Assy, CNR-025/X, 6500 MM	9376080-55	5995-20-000-9388	400														
011	Cable Assy, CNR-033/X, 800 MM	9383331-4	5995-20-003-6740	120									30					
012	Cable Assy, CNR-034/X, 7100 MM	9383332-8	5995-20-001-5213	400									100					
013	Cable Assy, CNR-040/X, 5100 MM	0477255-9	5995-20-A0H-7670	340									87					
014	Cable Assy, DAGR PWR (PDU) 5000 MM	0876502-3	6150-20-005-6180	400									100					
015	Cable Assy, ELAN-301/L/S, "T"	0976321-1	5995-20-005-9238	320									134					
016	Cable Assy, ELAN-303/L/S, 1150/350 MM	0976324-2	5995-20-005-5937	40														
017	Cable Assy, ELAN-306/L/S, 4000 MM	0976388-5	5995-20-A0H-4706	371														
018	Cable Assy, ELAN-314/L/S, 1530 MM	0976332-2	5995-20-A0H-7671	360														
019	Cable Assy, ELAN-315/L/S, 1400 MM	0976486-1	5995-20-007-2563	40														
020	Cable Assy, ELAN-315/L/S, 8500 MM	0976486-2	5995-20-007-2564	400														
021	Cable Assy, ELAN-315/L/S, 3400 MM	0976486-4	5995-20-007-2566	86														
022	Cable Assy, ELAN-319, Branched	0976649-1	5995-20-007-7811	400									100					
023	Cable Assy, ELAN-320/L/S, 600/3300/3100 MM	0976463-1	5995-20-007-2529	53														
024	Cable Assy, ELAN-320/L/S, 600/4200/4000 MM	0976463-2	5995-20-007-2531	52														
025	Cable Assy, ELAN-320/L/S, Branched	0976463-3	5995-20-007-7152	104														
026	Cable Assy, ELAN-321/L/S, 4600 MM	0976467-1	5995-20-007-2499	53														
027	Cable Assy, ELAN-322/L/S, 4000 MM	0976466-1	5995-20-007-2500	53														

Annex "B" - Table B-3 - Financial Bid Presentation Worksheet

Item No.	LINE ITEM DESCRIPTION			Total Firm Quantity	Firm Unit Price	Extended Price	Delivery	Option 1 Additional Quantities	Firm Unit Price	Extended Price	Option 2 Additional Quantities	Firm Unit Price	Extended Price
	Description	Part Number	NSN										
028	Cable Assy, ELAN-326/Ls, 4880 MM	0976496-3	5995-20-A0H-7673	300				100			100		
029	Cable Assy, ELAN-328, 1400 MM	0976534-1	5995-20-007-6250	116									
030	Cable Assy, ELAN-328, 4730 MM	0976534-2	5995-20-A0H-7672	400				100			100		
031	Cable Assy, ELAN-333/Ls, 500/4150 MM	0976322-11	5995-20-007-5911	40									
032	Cable Assy, ELAN-333/Ls, 600/650 MM	0976322-12	5995-20-007-5913	40									
033	Cable Assy, ELAN-333/Ls, 500/2450 MM	0976322-13	5995-20-007-5917	40									
034	Cable Assy, ELAN-333/Ls, 1800/750 MM	0976322-14	5995-20-007-5919	40									
035	Cable Assy, ELAN-333/Ls, 1700/3200 MM	0976322-16	5995-20-007-5922	55									
036	Cable Assy, ELAN-333/Ls, 620/3000 MM	0976322-27	5995-20-A0H-7675	400				100			100		
037	Cable Assy, ELAN-333/Ls, 1700/3300 MM	0976322-28	5995-20-A0H-7695	400				100			100		
038	Cable Assy, ELAN-333/Ls, 560/1400 MM	0976322-29	5995-20-A0H-7693	400				100			100		
039	Cable Assy, ELAN-333/Ls, 560/3600 MM	0976322-30	5995-20-A0H-7692	400				100			100		
040	Cable Assy, ELAN-333/Ls, 560/3300 MM	0976322-31	5995-20-A0H-7690	240				63			100		
041	Cable Assy, ELAN-333/Ls, 1100/3300 MM	0976322-32	5995-20-A0H-7689	160				37			100		
042	Cable Assy, ELAN-333/Ls, 560/2050 MM	0976322-33	5995-20-A0H-7723	240				63			100		
043	Cable Assy, HIDS-001/Ls, 1300 MM	9375915-21	5995-21-913-7519	5									
044	Cable Assy, HIDS-001/Ls, 1400 MM	9375915-23	5995-21-913-7521	35									
045	Cable Assy, HIDS-001/Ls, 1850 MM	9375915-25	5995-21-913-7523	69									
046	Cable Assy, HIDS-001/Ls, 2000 MM	9375915-27	5995-21-920-1495	86									
047	Cable Assy, HIDS-001/Ls, 2400 MM	9375915-30	5995-21-920-1504	26									
048	Cable Assy, HIDS-001/Ls, 2670 MM	9375915-32	5995-21-920-1511	10									
049	Cable Assy, HIDS-001/Ls, 2800 MM	9375915-34	5995-21-920-1515	161									
050	Cable Assy, HIDS-001/Ls, 4250 MM	9375915-40	5995-21-920-1571	119									
051	Cable Assy, HIDS-001/Ls, 6100 MM	9375915-41	5995-21-920-1572	41									
052	Cable Assy, HIDS-001/Ls, 6800 MM	9375915-47	5995-20-000-9808	400				100			100		
053	Cable Assy, HIDS-001/Ls, 3300 MM	9375915-57	5995-20-000-9400	113									
054	Cable Assy, HIDS-001/Ls, 5400 MM	9375915-59	5995-20-A0H-7722	400				100			100		
055	Cable Assy, HIDS-133/L, 1300 MM	9375914-14	5995-21-921-6631	40									
056	Cable Assy, HIDS-133/L, 4400 MM	9375914-24	5995-20-000-9839	400				100			100		

Annex "B" , Table B-3 - Financial Bid Presentation Worksheet

Item No.	Description	Part Number	NSN	Total Firm Quantity	Firm Unit Price	Extended Price	Delivery	Option 1 Additional Quantities	Firm Unit Price	Extended Price	Option 2 Additional Quantities	Firm Unit Price	Extended Price
057	Cable Assy, HIDS-133/L, 2200 MM	9375914-35	5995-21-921-6643	40									
058	Cable Assy, HIDS-204/L,S,600 MM	0477248-9	5995-20-007-6268	238									
059	Cable Assy, HIDS-213/L,S, 2600 MM	0677447-9	5995-20-007-6441	340				45			100		
060	Cable Assy, PWR-008, 1000 MM	9375922-5	6150-21-913-7545	2									
061	Cable Assy, PWR-008, 1300 MM	9375922-9	6150-21-913-7549	19									
062	Cable Assy, PWR-008, 2200 MM	9375922-22	6150-21-913-7562	400				100			100		
063	Cable Assy, PWR-008, 2600 MM	9375922-28	6150-21-920-0910	40									
064	Cable Assy, PWR-008, 5850 MM	9375922-48	6150-20-001-2750	40									
065	Cable Assy, PWR-008, 5000 MM	9375922-54	6150-20-001-2746	40									
066	Cable Assy, PWR-008, 4300 MM	9375922-57	6150-21-921-3522	400				100			100		
067	Cable Assy, PWR-013, 7400 MM	9375923-43	5995-20-A0H-7721	400				100			100		
068	Cable Assy, PWR-070, 4000 MM	0477246-5	5995-20-004-5151	326				74			100		
069	Cable Assy, PWR-071, 5100 MM	0477245-6	5995-20-A0H-7735	400				100			100		
070	Cable Assy, PWR-090, 6900 MM	0976319-8	5995-20-A0H-7736	60				15			100		
071	Cable Assy, PWR-090, 2800 MM	0976319-9	5995-20-A0H-7734	400				100			100		
072	Cable Assy, PWR-091, 2400 MM	0976342-6	6150-20-007-7153	60									
073	Cable Assy, PWR-093, 1700 MM	0976464-1	5995-20-007-2581	54									
074	Cable Assy, PWR-094, 4800 MM	0976498-2	5995-20-007-2545	10									
075	Cable Assy, PWR-094, 1350 MM	0976498-3	6150-20-007-7162	40									
076	Cable Assy, PWR-094, 1150 MM	0976498-4	6150-20-007-7165	40									
077	Cable Assy, PWR-096, 3950 MM	0976532-1	6150-20-007-7160	40									
078	Cable Assy, PWR-097, 4600 MM	0976574-3	6150-20-007-7157	400				100			100		
079	Cable Assy, PWR-097, 1000 MM	0976574-4	6150-20-007-7158	400				100			100		
080	Cable Assy, VTU Bypass, 520 MM	0078571-1	5995-20-004-9609	1078				200			100		

(a) + (b) + (c) = Total Bid Price