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C. Resulting Contract Clauses

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6.1 General

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LIST OF ANNEXES

Annex "A"	Requirement
Annex "B"	<i>not used</i>
Annex "C"	<i>not used</i>
Annex "D"	Data Deliverables
Annex "E"	Non-Disclosure Agreement
Annex "F"	Technical Evaluation Criteria and Tables for Qualification Purposes

PART 1 - GENERAL INFORMATION

1.1 INTRODUCTION

The Request for Supply Arrangements (RFSAs) is divided into six (6) parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Supplier Instructions: provides the instructions applicable to the clauses and conditions of the RFSAs;
- Part 3 Arrangement Preparation Instructions: provides suppliers with instructions on how to prepare the arrangement to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the arrangement, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided; and
- Part 6 6A, Supply Arrangement; 6B, Bid Solicitation; and 6C, Resulting Contract Clauses:
 - 6A includes the Supply Arrangement (SA) with the applicable clauses and conditions;
 - 6B includes the instructions for the bid solicitation process within the scope of the SA;
 - 6C includes general information for the conditions which will apply to any contract entered into pursuant to the SA.

The Annexes to this RFSAs include the Requirement, Deliverable Data, the Non-Disclosure Agreement and the Technical Evaluation Criteria and Tables for Qualification Purposes.

1.2 SUMMARY

Request for Supply Arrangement (RFSAs). The Department of National Defence (DND) Land Command Support System (LCSS) has a requirement for the provision of various Communications cable assemblies, over a period of 7-10 years, at an overall estimated value of \$75,000,000.00. Over that period, individual requirements will be competed among pre-qualified suppliers under a Supply Arrangement.

1.2.1 Outline of the Supply Arrangement Process

Two-Phase Procurement Process

It is Canada's intention, by issuance of the RFSAs over the Government Electronic Tendering Service (Buy&Sell), to establish/maintain a List of Qualified Suppliers for Communications Cables Assemblies. Qualification will be based entirely on meeting the mandatory requirements of this RFSAs.

At least once annually, the list will be open to allow additional suppliers to qualify and to update, where applicable, the current list of suppliers involved in the Supply Arrangement. Those already qualified will not have to re-qualify unless there are substantive changes to their status as a business.

Phase 1- Qualification: is the action of soliciting offers from suppliers, from which Canada intends to establish a Supply Arrangement with those suppliers whose offer meets all the mandatory requirements of this RFSA.

Phase 2- Solicitation: is the action of soliciting proposals from suppliers qualified through the Phase 1 activity for requirements within the scope of the SA, identified on an as-and-when-requested basis by Canada. Any contracts that arise from the Phase 2 activity must satisfy the requirements of the solicitation. To solicit proposals for a particular requirement, PWGSC will issue a Request for Proposal (RFP) to suppliers on the List of Qualified Suppliers.

Suppliers must submit their proposals, according to the instructions in each RFP. The proposals will be evaluated by Canada according to the method stated in the RFP, and the successful bidder will be awarded a contract. Supply arrangements include a set of predetermined conditions that will apply to subsequent bid solicitations and contracts.

1.2.2 Technical Data Package (Drawings) and Government Furnished Information

The Technical Data Package (Annex A, Appendix A2, Table A2-2), Annex A (Requirement), and Sample Cable Assembly kit(s) referred to in this RFSA will be forwarded to the Bidder, under separate cover, upon fulfilment of the conditions in Part 3 – Arrangement Preparation Instructions – Section 3.2.

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

The DND Technical Data supplied for the purposes of this RFSA is representative of the categories of requirements to be satisfied under the Supply Arrangement.

1.2.3 Code of Conduct for Procurement

In accordance with the Integrity Provisions under section 01 of Standard Instructions 2008, suppliers must provide a list of all owners and/or Directors and other associated information as required. Refer to section 4.21 of the Supply Manual for additional information on the Integrity Provisions.

1.2.4 Trade Agreements

- A) The majority of specific requirements under the Supply Arrangement will be for “excluded” goods under Federal Supply Classification (FSC) N5900 – Electrical and Electronic Equipment Components, sub-category 5995 – Cable, Cord and Wire Assemblies. Only the Agreement on Internal Trade (AIT) will apply to those specific requirements, and bid solicitations of any resulting supply arrangement may be subject to a preference for Canadian goods and/or services or may be limited to Canadian goods and/or services.
- B) When International Trade Agreements apply to specific requirements identified under the Supply Arrangement, those requirements will be subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

1.2.5 Controlled Goods Program Registration

This RFSA is subject to the Controlled Goods Program.

1.3 SECURITY REQUIREMENTS

There are no security requirements associated with this RFSA.

1.4 CANADIAN CONTENT

When section A) of "Trade Agreements" (above) applies, the goods and/or services covered by the Supply Arrangement may be limited to Canadian goods and/or services as defined in clause A3050T.

SACC Manual clause A3050T 2014-11-27 Canadian Content Definition

1.5 DEBRIEFINGS

Suppliers may request a debriefing on the results of the request for supply arrangements process. Suppliers should make the request to the Supply Arrangement Authority within 15 working days of receipt of the results of the request for supply arrangements process. The debriefing may be in writing, by telephone or in person.

PART 2 - SUPPLIER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Supply Arrangements (RFSA) 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.

Suppliers who submit an arrangement agree to be bound by the instructions, clauses and conditions of the RFSA and accept the clauses and conditions of the Supply Arrangement and resulting contract(s).

The 2008 (2014-09-25) Standard Instructions - Request for Supply Arrangements - Goods or Services, are incorporated by reference into and form part of the RFSA.

Subsection 5.4 of Section 05 *Submission of Arrangements* to 2008, Standard Instructions - Request for Supply Arrangements - Goods or Services, is amended as follows:

Delete: 60 days

Insert: 90 days

2.2 Submission of Arrangements

Arrangements 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 Request for Supply Arrangements.

Due to the nature of the Request for Supply Arrangements, transmission of arrangements by facsimile to PWGSC will not be accepted.

2.3 Federal Contractors Program for Employment Equity - Notification

The Federal Contractors Program (FCP) for employment equity requires that some contractors make a formal commitment to Employment and Social Development Canada (ESDC) - Labour to implement employment equity. In the event that this Supply Arrangement would lead to a contract subject to the Federal Contractors Program (FCP) for employment equity, the bid solicitation and resulting contract templates would include such specific requirements. Further information on the Federal Contractors Program (FCP) for employment equity can be found on Employment and Social Development Canada (ESDC) - Labour's website.

2.4 Enquiries - Request for Supply Arrangements

All enquiries must be submitted in writing to the Supply Arrangement Authority no later than ten (10) calendar days before the Request for Supply Arrangements (RFSA) closing date. Enquiries received after that time may not be answered.

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

2.5 Applicable Laws

The Supply Arrangement (SA) and any contract awarded under the SA must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario, Canada.

Suppliers may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of the arrangement, 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 suppliers.

PART 3 - ARRANGEMENT PREPARATION INSTRUCTIONS

3.1 ARRANGEMENT PREPARATION INSTRUCTIONS

Canada requests that suppliers provide the arrangement in separately bound sections as follows:

- Section I: Technical Arrangement (five (5) hard copies and two (2) soft copies readable on Microsoft Office 2003 Suite or Adobe PDF format on CD-ROM or DVD);
- Section II: Financial Arrangement (two (2) hard copies) and one (1) soft copy readable on Microsoft Office 2003 Suite or Adobe PDF format on CD-ROM or DVD);
- Section III: Certifications (two (2) hard copies)
- Section IV: Additional Information (two (2) hard copies and one (1) soft copy readable on Microsoft Office 2003 Suite or Adobe PDF format on CD-ROM or DVD).

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 **only** in the financial arrangement. No prices must be indicated in any other section of the arrangement.

Canada requests that suppliers follow the format instructions described below in the preparation of the arrangement:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Supply Arrangements.

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, suppliers should:

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

3.2 GOVERNMENT FURNISHED INFORMATION AND MATERIAL

The reference documents identified as Government Furnished Information (GFI) listed at Table A2-2 of Appendix A2 to Annex A, and Annex A (Requirement), as well as Cable Assembly Sample kit(s) if applicable, are available from the Supply Arrangement Authority on request (see conditions/instructions below). The document versions that will be provided reflect those currently in use.

Step 1: Suppliers will request the GFI in accordance with the instructions below.

Step 2: Following their review of the GFI, suppliers requiring Cable Assembly Sample Kits will forward such request to the Supply Arrangement Authority.

Conditions for requesting Government Furnished Information and Material:

Suppliers must provide a fully executed original copy of the Non-Disclosure Agreement (NDA) at Annex "E", with their request.

Canadian Suppliers:

The Supplier must be registered, exempt or excluded under the Controlled Goods Program (CGP) before receiving the information. Requests for reference documents related to controlled goods should be made in writing to the Supply Arrangement Authority identified in the arrangement solicitation and must contain the CGP registration number or written proof of exemption or exclusion of the Supplier and of any other person to whom the Supplier will give access to the controlled goods.

United States Suppliers:

Bidders from the United States of America must be registered and provide valid proof or registration with the US Department of State, Office of Defence Trade Controls Compliance, Compliance and Registration Div. Office pursuant to the Arms Export Control Act (AECA) and the International Traffic in Arms Regulations (ITAR Part 122).

Request Instructions:

Requests for GFI and/or Material must be addressed as follows:

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

By regular mail / courier :

Public Works and Government Services Canada

Defence Communications Division

11, rue Laurier

Place du Portage III, 8C2

Gatineau (QC) K1A 0S5

Attention: Francine Dewar

3.3 ARRANGEMENT CONTENT

3.3.1 Section I: Technical Arrangement

3.3.1.1 In their technical arrangement, suppliers must demonstrate their understanding of the overall requirement set out in Annex "A", Requirements, and explain how they will meet the specific requirements detailed in both Annex "A" and Annex "F", Technical Evaluation and Criteria Tables. Suppliers should explain and demonstrate their capability and describe their approach to fulfilling the requirement in a thorough, concise and clear manner.

The technical arrangement should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the arrangement will be evaluated. Simply repeating the statement contained in the solicitation is not sufficient. In order to facilitate the evaluation of the arrangement, Canada requests that suppliers address and present topics in the same order as set out in the evaluation criteria, using the same headings. To avoid duplication, suppliers may refer to different sections of their

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arrangements by identifying the specific paragraph and page number where the subject topic has already been addressed.

3.3.1.2 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 F1-2.

3.3.2 Section II: Financial Arrangement

The Supplier's financial viability will be verified to qualify for a Supply Arrangement. The financial information detailed at Part 4 – Section 4.3 Financial Viability is required for verification, and should be submitted with the Supplier's arrangement.

3.3.3 Section III: Certifications

Suppliers must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 EVALUATION PROCEDURES

- (a) Arrangements will be assessed in accordance with the entire requirement of the Request for Supply Arrangements including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the arrangements.

4.1.1 RFSA Submission Evaluation Process

Arrangements will be evaluated as follows:

Step 1 – Administrative Evaluation:

Arrangements received by the PWGSC Bid Receiving Unit by the date and time indicated on page 1 of the RFSA will be evaluated by PWGSC to determine if they comply with all submission requirements of the RFSA. Those not meeting all submission requirements will be declared non-responsive and will not be evaluated further. Responsive bids move to step 2.

Step 2 - Technical Evaluation:

PWGSC will provide the technical sections of responsive arrangements to the Department of National Defence (DND) for their evaluation. DND will evaluate these against mandatory technical criteria. Arrangements not meeting all mandatory technical criteria will be declared non-responsive and will not be evaluated further. Responsive bids move to step 3.

Step 3 - EHS Evaluation:

Responsive arrangements will be further evaluated by DND against rated Environmental, Health, and Safety (EHS) criteria. Those not achieving the Minimum Required EHS Evaluation Points will be declared non-responsive and will not be evaluated further. Responsive arrangements move to step 4.

Step 4 - Sample Cable Assembly Evaluation (*applies to Copper Cables only*):

Responsive arrangements will proceed to DND Acceptance Testing (AT) on the Supplier-submitted cable assembly sample(s). Cable assemblies that do not pass AT will be declared non-responsive in that Cable Assembly Category.

Following completion of the Technical, EHS, Sample cable assembly evaluations, DND will provide reports to PWGSC detailing the results of the evaluations and the details of all non-responsive submissions including the reasons for declaring them non-responsive.

Technical and EHS evaluation criteria are detailed at Annex "F".

4.1.2 Financial Evaluation

The Supplier must be financially viable to enter into a Supply Arrangement. The Supply Arrangement Authority will obtain a financial capability assessment to determine the Supplier's financial viability, using the financial information provided in accordance with Part 4 – Section 4.3 Financial Viability.

Any supplier who fails to meet the financial viability assessment at Evaluation stage will be deemed non-responsive and will receive no further consideration.

4.2 BASIS OF SELECTION – MINIMUM POINT RATING

1. To be declared responsive, an arrangement must:
 - a. comply with all the requirements of the Request for Supply Arrangements; and
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum of points overall for the technical evaluation criteria which are subject to point rating.
2. Arrangements not meeting (a), (b) or (c) above will be declared non-responsive.

4.3 FINANCIAL VIABILITY

SACC Manual clause S0030T (2004-11-27) Financial Viability

1. Financial Viability Requirement: The Supplier must be financially viable to enter into this Supply Arrangement. To determine the Supplier's financial viability, the Supply Arrangement Authority may, by written notice to the Supplier, require the submission of some or all of the financial information detailed below during the evaluation of arrangements. The Supplier must provide the following information to the Supply Arrangement Authority within 15 working days of the request or as specified by the Supply Arrangement Authority in the notice:

- a. Audited financial statements, if available, or the unaudited financial statements (prepared by the Supplier's outside accounting firm, if available, or prepared in-house if no external statements have been prepared) for the Supplier's last three fiscal years, or for the years that the Supplier has been in business if this is less than three years (including, as a minimum, the Balance Sheet, the Statement of Retained Earnings, the Income Statement and any notes to the statements).
- b. If the date of the financial statements in (a) above is more than five months before the date of the request for information by the Supply Arrangement Authority, the Supplier must also provide, unless this is prohibited by legislation for public companies, the last quarterly financial statements (consisting of a Balance Sheet and a year-to-date Income Statement), as of two months before the date on which the Supply Arrangement Authority requests this information.
- c. If the Supplier has not been in business for at least one full fiscal year, the following must be provided:
 - i. the opening Balance Sheet on commencement of business (in the case of a corporation, the date of incorporation); and
 - ii. the last quarterly financial statements (consisting of a Balance Sheet and a year-to-date Income Statement) as of two months before the date on which the Supply Arrangement Authority requests this information.
- d. certification from the Chief Financial Officer or an authorized signing officer of the Supplier that the financial information provided is complete and accurate.

-
2. If the Supplier is a joint venture, the financial information required by the Supply Arrangement Authority must be provided by each member of the joint venture.
 3. If the Supplier is a subsidiary of another company, then any financial information in 1. (a) to (d) above required by the Supply Arrangement Authority must be provided by the ultimate parent company.
 4. **Financial Information Already Provided to Public Works and Government Services Canada (PWGSC):** The Supplier is not required to resubmit any financial information requested by the Supply Arrangement Authority that is already on file at PWGSC with the Contract Cost Analysis, Audit and Policy Directorate of the Policy, Risk, Integrity and Strategic Management Sector, provided that within the above-noted time frame:
 - a. the Supplier identifies to the Supply Arrangement Authority in writing the specific information that is on file and the requirement for which this information was provided; and
 - b. the Supplier authorizes the use of the information for this requirement.It is the Supplier's responsibility to confirm with the Supply Arrangement Authority that this information is still on file with PWGSC.
 5. **Other Information:** Canada reserves the right to request from the Supplier any other information that Canada requires to conduct a complete financial capability assessment of the Supplier. The Supplier also understands that a complete financial capability review of the Supplier may also be conducted at the time individual bid solicitations are issued under the supply arrangement.
 6. **Confidentiality:** If the Supplier provides the information required above to Canada in confidence while indicating that the disclosed information is confidential, then Canada will treat the information in a confidential manner as permitted by the Access to Information Act, R.S., 1985, c. A-1, Section 20(1) (b) and (c).

PART 5 - CERTIFICATIONS

Suppliers must provide the required certifications and associated information to be issued a supply arrangement (SA).

The certifications provided by suppliers to Canada are subject to verification by Canada at all times. Canada will declare an arrangement non-responsive, or will declare a contractor in default in carrying out any of its obligations under any resulting contracts, if any certification made by the Supplier is found to be untrue whether made knowingly or unknowingly during the arrangement evaluation period, or during the period of any supply arrangement arising from this RFSA and any resulting contracts.

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

5.1 Certifications Precedent to Issuance of a Supply Arrangement

The certifications listed below should be completed and submitted with the arrangement, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Supply Arrangement Authority will inform the Supplier of a time frame within which to provide the information. Failure to comply with the request of the Supply Arrangement Authority and to provide the certifications within the time frame provided will render the arrangement non-responsive.

5.1.1 Integrity Provisions - Associated Information

By submitting an arrangement, the Supplier certifies that the Supplier and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Arrangement of Standard Instructions 2008. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

PART 6 - SUPPLY ARRANGEMENT AND RESULTING CONTRACT CLAUSES

A. SUPPLY ARRANGEMENT

6.1 Arrangement

The Supply Arrangement covers the Work described in the Requirement at Annex "A".

6.2 Security Requirements

6.2.1 There is no security requirement applicable to this Supply Arrangement.

6.2.2 The Supply Arrangement and resulting contracts are subject to the Controlled Goods Program.

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

2020 (2014-09-25) General Conditions - Supply Arrangement - Goods or Services apply to and form part of the Supply Arrangement.

6.4 Term of Supply Arrangement

6.4.1 Period of the Supply Arrangement

The Supply Arrangement has no defined end-date and will remain valid until such time as Canada no longer considers it to be advantageous to use it.

The period for awarding contracts under the Supply Arrangement begins immediately following issuance of the supply Arrangement.

6.5 Authorities

6.5.1 Supply Arrangement Authority

The Supply Arrangement Authority is:

Francine Dewar
Public Works and Government Services Canada
Acquisitions Branch
Defence and Major Projects Sector/Defence Communications Division
Place du Portage III, 8C2
Gatineau (Quebec) K1A 0S5

Telephone: 819-956-5974 Facsimile: 819-956-6907

E-mail address: Francine.Dewar@tpsgc-pwgsc.gc.ca

The Supply Arrangement Authority is responsible for the issuance of the Supply Arrangement,

its administration and its revision, if applicable.

6.5.2 Supplier's Representative

The Supplier's representative for the Contract is:

Name/Title: _____

Telephone: _____

E-mail address: _____

Facsimile: _____

6.6 Identified Users

The Identified User is the Department of National Defence (DND).

6.7 On-going Opportunity for Qualification

A Notice will be posted once a year on the Government Electronic Tendering Service (GETS) to allow new suppliers to become qualified. Existing qualified suppliers, who have been issued a supply arrangement, will not be required to submit a new arrangement, unless they either wish to qualify for an additional category of Cable Assembly, or there are substantive changes to their status as a business.

6.8 Priority of Documents

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

- (a) the articles of the Supply Arrangement and Annex "A" (Requirement);
- (b) the general conditions 2020 (2014-09-25), General Conditions - Supply Arrangement - Goods or Services
- (c) Annex "D", Data Deliverables;
- (d) Annex "E", Non-Disclosure Agreement;
- (e) the Supplier's arrangement dated _____ .

6.9 Certifications

6.9.1 Compliance

The continuous compliance with the certifications provided by the Supplier in its arrangement and the ongoing cooperation in providing associated information are conditions of issuance of the Supply Arrangement (SA). Certifications are subject to verification by Canada during the entire period of the SA and of any resulting contract that would continue beyond the period of the SA. If the Supplier does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Supplier in the arrangement is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and suspend or cancel the Supply Arrangement.

6.10 Applicable Laws

The Supply Arrangement (SA) and any contract resulting from the SA must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario, Canada.

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B. BID SOLICITATION

6.1 Bid Solicitation Documents

Canada will use the following bid solicitation templates based on the estimated dollar value and complexity of the requirement:

- High Complexity (HC) for more complex requirements.

A copy of the template(s) can be provided upon request by contacting the Procurement Process Tools Division by sending a query to Outilsd'approvisionnement.ProcurementTools@tpsgc-pwgsc.gc.ca.

Note: References to the HC, MC and Simple templates in PWGSC Requests for Supply Arrangements are provided as examples only. The latest versions of the template and terms and conditions will be used at time of bid solicitation.

The bid solicitation will contain as a minimum the following:

- (a) security requirements (*if applicable*) and Controlled Goods requirements;
- (b) a complete description of the Work to be performed;
- (c) 2003, Standard Instructions - Goods or Services - Competitive Requirements;

" Subsections 04 and 05 of Section 01, Integrity Provisions - Bid of the Standard Instructions 2003 incorporated by reference above are deleted in their entirety and replaced with the following:

4. Bidders who are incorporated or who are a sole proprietorship, including those bidding as a joint venture, have already provided a list of names of all individuals who are directors of the Bidder, or the name of the owner, at the time of submitting an arrangement under the Request for Supply Arrangement (RFSAs). These bidders must diligently inform Canada in writing of any changes affecting the list of directors during this procurement process as well as during the contract period.
 5. Canada may, at any time, request that a bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form - PWGSC-TPSGC 229) for any or all individuals mentioned above within a specified time frame. Failure to provide such consent forms and associated information within the time frame provided, or failure to cooperate to the verification process, will result in the bid being declared non-responsive."
- (d) bid preparation instructions;
 - (e) instructions for the submission of bids (address for submission of bids, bid closing date and time);

- (f) evaluation procedures and basis of selection;
- (g) financial capability (SACC Manual Clause A9033T);
- (h) certifications;
 - ***Federal Contractors Program (FCP) for Employment Equity - Notification***
 - ***Canadian Content Certification (if applicable)***
 - ***Insurance***
 - **5.1.1 Integrity Provisions - Associated Information** (*ref Part 5 – Certifications of the RFSA document*)
 By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.
- (i) conditions of the resulting contract.

6.2 Bid Solicitation Process

6.2.1 Bids will be solicited for specific requirements within the scope of the Supply Arrangement (SA) from suppliers who have been issued an SA.

6.2.2 The bid solicitation will be sent directly to suppliers.

6.2.3 PWGSC will be responsible for the bid solicitation process and the award of contracts under the Supply Arrangement.

The following forms will be used for the first page of the bid solicitation document and the first page of the resulting contract document. These forms are available on the Electronic Forms Catalogue (http://publiservice-app.tpsgc-pwgsc.gc.ca/forms/text/search_for_forms-e.html) website.

PWGSC-TPSGC 9400-3, Bid Solicitation

PWGSC-TPSGC 9400-4, Contract

C. RESULTING CONTRACT CLAUSES

6.1 General

The conditions of any contract awarded under the Supply Arrangement will be in accordance with the resulting contract clauses of the template used for the bid solicitation.

For any contract to be awarded using the template:

- (a) **HC** (for high complexity requirements), general conditions 2030 will apply to the resulting contract.

A copy of the template(s) can be provided upon request by contacting the Procurement Process Tools Division by sending a query to Outilsd'approvisionnement.ProcurementTools@tpsgc-pwgsc.gc.ca.

Note: References to the HC, MC and Simple templates in PWGSC Requests for Supply Arrangements are provided as examples only. The latest versions of the template and terms and conditions will be used at time of bid solicitation.

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Appendix A1 to Annex A



NOTICE

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Appendix A1 to Annex A

Representative Cable Assemblies

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Item No.	Description	Complexity	Part Number	NCAGE	NSN
001	Cable Assy, Antenna	Misc	987-4640-001	13499	5995-01-504-1762
002	Cable Assy, CNR-025/X, 400 MM	Low	9376080-16	35907	5995-21-921-6817
003	Cable Assy, ELAN-333/LS, 500/1200 MM	High	0976322-1	35907	5995-20-005-9467
004	Cable Assy, HIDS-133/L, 2200 MM	High	9375914-35	35907	5995-21-921-6643
005	Cable Assy, PWR-090, 600 MM	Med	0976319-3	35907	5995-20-007-2534
006	Cable Assy, Fibre Optic Cable	Fibre Optic	1277393-2	35907	6020-20-008-1575

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Appendix A2 to Annex A



NOTICE

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Appendix A2 to Annex A

Referenced Documents (Representative)

Solicitation No W8476-145075/A	Amd. No.	Buyer ID 025qd
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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 – External References (Commercially Available Information)

Table A2-2 – Government of Canada References (Government Furnished Information)

Solicitation No W8476-145075/A	Amd. No.	Buyer ID 025qd
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Table A2-1 – External References (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
MIL-STD-1472F	Department of Defence Design Criteria Standard – Human Engineering
MIL-DTL-83526C	Connectors, Fiber Optic, Circular, Environmental Resistant, Hermaphroditic, General
MIL-DTL-85045	Fiber Optic Cables
OHSAS 18001	Occupational Health and Safety Management Systems - Requirements
MIL-PRF-49291/12-01A	Fiber, Optical, Type I, Class I, Size III, Composition A, Wavelength B, Radiation Resistant, Enhanced Performance Characteristics/Aircraft Applications (Metric)
SAE-ASM-DTL-23053/5	Insulation Sleeving, Electrical, Heat Shrinkable, Polyolefin, Flexible, Crosslinked
987-4640-001	Cable Assy, Antenna
AS 9102	Aerospace First Article Inspection Requirement
MIL-DTL-83526/20A	Connector, Fiber Optic Plug, Circular Hermaphroditic, In-Line Mount, 2 and 4 Positions, Expanded Beam – w/Amendment 1 (8 February 2011)
MIL-DTL-83526/21A	Connector, Fiber Optic, Circular Hermaphroditic, Bulkhead, Low profile without strain relief, Jam-nut mount, 2 and 4 Positions, Expanded Beam – w/Amendment 1 (8 February 2011)
TIA/EIA-455-171A	FOTP-171 Attenuation by Substitution Measurement for Short Length Multimode Graded-Index and Single Mode Optical Fiber Cable Assemblies
TIA/EIA-455-91	Fiber Optic Cable Twist-Bend Test
TIA/EIA-455-41A	Compressive Loading Resistance of Fiber Optic Cables
TIA/EIA-455-25C	Impact Testing of Optical Fiber Cables
TIA/EIA-455-B	Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and Other Fiber Optic Components
TIA/EIA-455-B-177 A	FOTP-54 Mode Scrambler Requirements for Overfilled Launching Conditions to Multimode Fibers
TIA-455-220A	FOTP-220 differential mode delay measurement of multimode fiber in the time domain
EIC-60793-1-49	Optical fibres - Part 1-49: Measurement methods and test procedures - Differential mode delay

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Table A2-2 – Government of Canada References (Government Furnished Information)

Number	Title
D-02-006-008/SG-001	The Design Change, Deviation and Waiver Procedure, Ch1 - 1985-05-16 (Delete form DND 675(8/78) and insert form DND 675(03-02))
DND 675 (03-02)	Request for Waiver or Deviation
D-LM-008-036/SF-000	DND Minimum Requirements for Manufacturer's Standard Pack
D-LM-008-002/SF-001	Specification for Marking for Storage and Shipment, 1991-08-01
A-EN-007-000/FP-001	DND Environmental Assessment Manual
0976322	Cable Assy, ELAN-333/LS Data Package
9376080	Cable Assy, CNR-025/X Data Package
9375914	Cable Assy, HIDS-133/L Data Package
0976319	Cable Assy, PWR-090 Data Package
1277393	Cable Assy, Expanded Beam VDN 4 Channel Cross-Over Multimode
741792	LCSS Cable Test User Guide, dated 14 August 2014
740281	Expanded Beam Vehicle Distribution Network Fibre Optic Cable Assembly Design Specification
740903	Expanded Beam Vehicle Distribution Network Fibre Optic Cable Validation Report
	Electronic File of Government Supplied Components for Sample Cables

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Appendix A3 to Annex A



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Appendix A3 to Annex A

Dictionary of Terms and Acronyms

Solicitation No W8476-145075/A	Amd. No.	Buyer ID 025qd
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Appendix A3

Dictionary of Terms and Acronyms

Term/Acronym Definition

AT	Acceptance Testing
AVL	Alternate Vendor List
BOM	Bill of Material
CA	Cable Assembly
CAGE	Contractor and Government Entity
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
CoC	Certificate of Conformity
COTS	Commercial-Off-The-Shelf
DACA	Days After Contract Award
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
EEA	Equipment Environmental Assessment
EMB	Effective Modal Bandwidth
EHS	Environmental Health and Safety
EL	End-to-End Loss
EMS	Environmental Management System
EMSEC	Emission Security
EB VDN	Expanded Beam Vehicle Distribution Network
EPD	Engineered Product Design
FAAP	First Article Approval Procedure
FAI	First Article Inspection
FAIR	First Article Inspection Report
FCP	Federal Contractors Program
FRP	Full Rate Production
FO	Fibre Optic
FOCA	Fibre Optic Cable Assembly
FOTP	Fibre Optic Test Procedure
FT	Factory Testing
FTP	Factory Test Plan
GETS	Government Electronic Tendering System
GFE	Government Furnished Equipment
GFI	Government Furnished Information
GFM	Government Furnished Material
GSM	Government Supplied Material
Hg	Mercury

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Term/Acronym Definition

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
NEXT	Near End Cross Talk
No.	Number
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
PPE	Personal Protective Equipment
PRM	Progress Review Meeting
PSCN	Permanent System Control Number
PWGSC	Public Works and Government Services Canada
QA	Quality Assurance
QAC	Quality Assurance Code
QAR	Quality Assurance Representative
Qty	Quantity
RFP	Request for Proposal
SA	Supply Arrangement
SACC	Standard Acquisition Clauses and Conditions
SI	Signal Integrity
SOW	Statement of Work
STE	Special Test Equipment
TA	Technical Authority
TDP	Technical Data Package
TFOCA	Tactical Fibre Optic Cable Assembly
VIP	Vehicle Interface Panel
VSWR	Voltage Standing Wave Ratio
WIP	Work in Progress

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ANNEX B

(Not Used)

Solicitation No. W8476-145075/A	Amd. No. XXX	Buyer ID 025qd
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ANNEX C

(Not Used)

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Annex D



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ANNEX D

Deliverable Data

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Annex D



NOTICE

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Deliverable Data

This Annex contains the following Contract Data Requirements List (CDRL) items and their Data Item Descriptions (DIDs) that may be called up in any resultant contract under the SA. Each RFP generated under the SA will be tailored to the individual requirement.

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	Test Report
009	SE-002	Design Change / Deviation
010	SE-003	Request for Waiver
011	SE-004	Production Change Point Record
012	SE-005	Individual Cable Assembly Traveller Data Record

List of Appendices:

Appendix D1 – Contract Data Requirements List

Appendix D2 – Data Item Descriptions

Solicitation No. W8476-145075/A	Amd. No.	Buyer ID 025qd
Client Ref. No. W8476-145075	File No. 025qd. W8476-145075	Appendix D1 to Annex D

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:

ANPLY	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 / NUMERO D'ORDRE	2. TITLE OR DESCRIPTION – TITRE OU DESCRIPTION DE DONNÉES / SUBTITLE – SOUS TITRE	5. CONTRACT REFERENCE / RENVOI AU CONTRAT	6. REQUIRING OFFICE / BUREAU DEMANDEUR			10. FREQUENCY / FREQUENCE	12. DATE OF 1ST SUBMISSION / DATE DE PRESENTATION INITIALE	14. DISTRIBUTION AND ADDRESSEES / DISTRIBUTION ET DESTINATAIRES (Address – Regular Copies / Destinataire – nombre d'originaux réguliers / Repro Copies – prêts à reproduire)			17. CONTRACT FILE / DOCUMENT NUMBER / DOSSIER DE L'ENTREPRENEUR / NUMERO DU DOCUMENT
			7. APP CODE / CODE D'APPRO	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 PRESENTATION SUBSEQUENTE/MOTIF DE NON-LIVRAISON	14. ADDRESS / ADRESSE	
1. 001	2. Meeting Agenda		6. Technical Authority			10. ASREQ (See Block 16)	12. (See Block 16)	14. CA	1st	Subseq.	17.
4. PM-001	5. Annex A, Paragraph 4.1.7		7. 8.	8. A	9.	11.	13. (See Block 16)	14. PA TA	1st	Subseq.	18.
16. REMARKS – REMARQUES											
<p><u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Meeting Agendas as required (ASREQ) by the TA and 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 Canada within three (3) working days after receiving the Draft Meeting Agenda. The Contractor shall submit the Final Meeting Agenda addressing Canada's review comments at the meeting.</p>											
15. TOTAL								3			19. ESTIMATED PRICE / ESTIMATION DU COUT

Solicitation No. W8476-145075/A	Amd. No.	Buyer ID 025qd
Client Ref. No. W8476-145075	File No. 025qd. W8476-145075	Appendix D1 to Annex D

1. ITEM NUMBER / NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION - TITRE OU DESCRIPTION DE DONNÉES / SUBTITLE - SOUS TITRE	3. CONTRACT REFERENCE / RENVOI AU CONTRAT	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)		
			7. APP CODE / CODE D'APPRO	8. APP CODE / CODE D'APPRO			9. INPUT MISE EN COM-MUN	10. AS OF DATE / DATE	11. AS OF DATE / DATE
1. 002	2. Meeting Minutes		6. Technical Authority	ASREQ (See Block 16)	12. (See Block 16)		14. CA	1st: Hard 1, Soft 1	
4. PM-002	5. Annex A, Paragraph 4.1.8		7. A	11. (See Block 16)	13. (See Block 16)		14. PA, TA	1st: Hard 1, Soft 1	
16.	REMARKS - REMARQUES								
<p><u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Meeting Minutes 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.</p> <p><u>1st Submission (Block 12):</u> The Contractor shall submit the initial Meeting Minutes after the Contract Award Meeting.</p> <p><u>Subsequent Submission (Block 13):</u> The Contractor shall submit subsequent Meeting Minutes after each Progress Review Meeting.</p> <p><u>Approval (Block 8):</u> 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 Canada within five (5) working days after receiving the Draft Meeting Minutes. The Contractor shall submit the Final Meeting Minutes addressing Canada's review comments 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

Solicitation No. W8476-145075/A	Amd. No.	Buyer ID 025qd
Client Ref. No. W8476-145075	File No. 025qd. W8476-145075	Appendix D1 to Annex D

1. ITEM NUMBER / 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)				
	3. SUBTITLE - SOUS TITRE	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	1st	Subseq.	
003	2. Action Item Registry		6. Technical Authority		10. R/ASR (See Block 16)	12. (See Block 16)	14.	Hard	Soft	Hard	Soft
PM-003	5. Annex A, Paragraph 4.1.9		7. 8. A	9.	11. (See Block 16)	13. (See Block 16)	CA	1	1	1	1
16. REMARKS - REMARQUES											
<p>Frequency/Distribution (Blocks 10 and 14): The Contractor shall submit Action Item Registry revisions 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>1st Submission (Block 12): The Contractor shall submit the initial version of the Action Item Registry after the meeting at which action items are first created.</p> <p>Subsequent Submission (Block 13): The Contractor shall submit subsequent revisions of the Action Item Registry after each Progress Review Meeting.</p> <p>Approval (Block 8): 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 Canada within five (5) working days after receiving the Draft Action Item Registry revision. The Contractor shall submit a subsequent revision addressing 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											

Solicitation No. W8476-145075/A Amd. No. Buyer ID 025qd
 Client Ref. No. W8476-145075 File No. 025qd.W8476-145075 Appendix D1 to Annex D

1. ITEM NUMBER / NOMBRE 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)
	3. SUBTITLE - SOUS TITRE	5. CONTRACT REFERENCE / RENVOI AU CONTRAT	7. 8. APP CODE / CODE D'APPRO	9. INPUT CODE / CODE COM-MUN			
1. 004	2. Master Project Schedule		6. Technical Authority		10. MNTY (See Block 16)	12. 20 DACA (See Block 16)	14. CA
4. PM-004	5. Annex A, Paragraph 4.1.10		7. 8.	9.	11. 5 days after EOM (See Block 16)	13. 5 days after EOM (See Block 16)	14. PA TA
16. REMARKS - REMARQUES							
<p><u>Frequency/Distribution (Blocks 10 and 14):</u> The Contractor shall submit Master Project Schedule revisions monthly (MNTY). Master Progress Schedule revisions shall be distributed per Block 14.</p> <p><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).</p> <p><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).</p>							
15. TOTAL							

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. ITEM NUMBER / NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION - TITRE OU DESCRIPTION DE DONNÉES / SUBTITLE - SOUS TITRE	3. CONTRACT REFERENCE / RENVOI AU CONTRAT	4. AUTHORITY (Data Item Number) / NUMÉRO DE DESCRIPTION DE DONNÉES	5. APP CODE / CODE D'APPRO	6. REQUIRING OFFICE / BUREAU DEMANDEUR	7. INPUT MISE EN COM-MUN	8. AS OF DATE / DATE	9. DATE OF SUBSEQUENT SUB EVENT ID / DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	10. FREQUENCY / FREQUENCE	11. DATE OF 1ST SUBMISSION / DATE DE PRÉSENTATION INITIALE	12. DISTRIBUTION AND ADDRESSEES / DISTRIBUTION ET DESTINATAIRES (Address - Regular Copies / Destinataire - nombre d'originaux réguliers Repro Copies - prêts à reproduire)	13. CONTRACT FILE / DOCUMENT NUMBER / DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
005	Progress Report				Technical Authority				MNTHY (See Block 16)	(See Block 16)	CA	17. CONTRACT FILE / DOCUMENT NUMBER / DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
PM-005	Annex A, Paragraph 4.1.10							5 days after EOM (See Block 16)			PA TA	18. ESTIMATED NUMBER OF PAGES / NOMBRE APPROXIMATIF DE PAGES
16. REMARKS - REMARQUES												19. ESTIMATED PRICE / ESTIMATION DU COUT
<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>												3
15. TOTAL											3	

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 Amd. No. 025qd. W8476-145075
 Buyer ID 025qd
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1. ITEM NUMBER / NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION - TITRE OU DESCRIPTION DE DONNÉES / 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 / Dentaire - Regular Copies / D'originaux réguliers / Repto Copies - prêts à reproduire)
		7. 8. APP CODE / CODE D'APPRO	9. INPUT CODE / CODE COM-MUN			
1. 006	2. Quality Plan	6. Technical Authority		10. R/ASR (See Block 16)	12. 20 DACA (See Block 16)	14. CA
4. PM-006	5. Annex A, Paragraph 4.4.1	7. 8. A	9.	11. ASREQ (See Block 16)	13.	14. PA TA
16. REMARKS - REMARQUES						
<p>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.</p> <p>1st Submission (Block 12): The Contractor shall submit the initial version of the Quality Plan as per Block 12.</p> <p>Subsequent Submissions (Block 13): Subsequent revisions shall be submitted as required (ASREQ).</p> <p>Approval (Block 8): Review comments on the first and subsequent revisions of the Quality Plan will be provided by Canada within ten (10) working days after receiving the document. The Contractor shall submit a subsequent revision addressing Canada's review comments within ten (10) working days after receiving the comments.</p>						
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						

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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)				
	3. SUBTITLE - SOUS TITRE	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	1st	Subseq.	
								Hard	Soft	Hard	Soft
1. 007	2. Equipment Environmental Assessment		6. Technical Authority		10. R/ASR	12. 90 DACA	CA				1
4. PM-007	5. Annex A, Paragraph 4.12.5		7. 8. A	9. ASREQ	11. ASREQ	13. ASREQ	PA				1
								TA	1		1
						15. TOTAL			1		3
16. REMARKS - REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall provide the EEA as required (R/ASR) by the TA. The EEA shall be distributed per Block 14.											
Approval (Block 8): Review comments on the first and subsequent revisions of the Equipment Environmental Assessment will be provided by Canada within twenty (20) working days after receiving the revision.											
The Contractor shall submit a subsequent revision addressing Canada's review comments within ten (10) working days after receiving the comments.											
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. ITEM NUMBER D'ORDRE	2. TITLE OR DESCRIPTION - TITRE OU DESCRIPTION DE DONNES	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 DESTINATAIRES (Address - Regular Copies / Destinataire - nombre d'originaux réguliers Repro Copies - prêts à produire)
			7. 8. APP CODE D'APPRO	9. INPUT MISE EN COM- MUN	11. AS OF DATE DATE			
1. 008	2. Test Report		6. Technical Authority			10. MNTY (See Block 16)	12. (See Block 16)	14. CA
4. SE-001	5. Annex A, Para 1.2.4.1; 4.1.10; 4.5.2		7. 8.	9.	11. 5 days after EOM (See Block 16)	13. 5 days after EOM (See Block 16)	14. PA TA	
16. REMARKS - REMARQUES Frequency/Distribution (Blocks 10 and 14): The Contractor shall submit Test Reports monthly (MNTY). Test Reports shall be distributed per Block 14. 1st Submission (Block 12): The Contractor shall submit the first Test Report within five (5) working days after the end of the calendar month (EOM) in which the first shipment of deliverable Items occurs. Subsequent Submissions (Block 13): The Contractor shall submit subsequent Test Reports within five (5) working days after the end of each calendar month (EOM).								
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								

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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)	15. TOTAL			
	3. SUBTITLE - SOUS TITRE	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 / DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	14. Hard	14. Soft
1. 009	2. Design Change / Deviation		6. Technical Authority		10. ASREQ (See Block 16)	12.	14. CA	1			
4. SE-002	5. Contract article ref.		7. 8. A		11.	13.	14. PA 14. TA	1			
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. Approval (Block 8): Approval of all Design Change / Deviations 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

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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)
	3. SUBTITLE - SOUS TITRE	5. CONTRACT REFERENCE / RENVOI AU CONTRAT	7. 8. APP CODE / CODE D'APPRO	9. INPUT MISE EN COM-MUN			
1. 010	2. Request for Waiver		6. Technical Authority		10. ASREQ (See Block 16)	12.	14.
4. SE-003	5. Contract Article ref.		7. 8. A	9.	11.	13.	14.
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							

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. ITEM NUMBER / NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION - TITRE OU DESCRIPTION DE DONNÉES / SUBTITLE - SOUS TITRE	3. CONTRACT REFERENCE / RENVOI AU CONTRAT	4. AUTHORITY (Data Item Number) / NUMÉRO DE DESCRIPTION DE DONNÉES	5. APP CODE / CODE D'APPRO	6. INPUT MISE EN COM-MUN	7. ASREQ DATE / DATE	8. DATE OF SUBSEQUENT SUBMISSION / DATE DE PRÉSENTATION	9. FREQUENCY / FRÉQUENCE	10. DATE OF SUBMISSION / DATE DE PRÉSENTATION	11. ADDRESSSES / DESTINATAIRES	12. DISTRIBUTION AND ADDRESSSES / DISTRIBUTION ET DESTINATAIRES
011	Production Change Point Record	ASREQ (See Block 16)	Technical Authority								
SE-004	Contract Article ref.										
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	

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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 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 See CDRL 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 2010.			
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 See CDRL 002 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 2010. 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 “Ongoing” 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.

ii. Item – The topic title from the Meeting Agenda.

iii. 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.

iv. 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.

v. 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 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 See CDRL-003 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 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 2010. 10.2 Content 10.2.1 The introductory information shall contain the following: a. Contract Number and Contract Title. 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): 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. 10.2.3 The list of action items shall be sorted: 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 See CRDL 004 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 2010.			
10.2 Content			
10.2.1 The MPS shall clearly depict:			
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 upon which Contractor activities depend, and activities by Canada 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 See CDRL 005 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 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 2010. 10.2 Content 10.2.1 The Progress Report shall include the following two parts: a. Part 1 – Executive Summary; and b. Part 2 – Manufacturing Report. 10.2.2 Part 1 – Executive Summary The Executive Summary shall provide: 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: 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;			

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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 Report.

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 identify 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 affecting 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.

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

10.2.3.1.4 **Obsolescence Report**

With respect to obsolescence issues affecting the Contract Period, the Contractor shall identify 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.

10.2.3.1.5 **Component Update Report**

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.

10.2.3.2 **Manufacturing Schedule, Issues, Risks and WIP Report**

The Manufacturing Schedule, Issues, Risks and WIP sub Report shall include the following sub sub Reports:

- 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 **Manufacturing Schedule, Issues, Risks and WIP Summary Report**

Manufacturing Schedule, Issues, Risks and WIP 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.

10.2.3.2.2 **Manufacturing Schedule**

Description of progress to the Manufacturing Schedule with explanation of any slippages, in addition to:

- a. Progress against manufacturing milestones, expected date of completion of near milestones, problem areas and work-around plans where required;
- b. New manufacturing problems/issues and any other areas of concern, interest or importance;
- c. Planned manufacturing activities for the following reporting period.

10.2.3.2.3 **Delivery Schedule**

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.

10.2.3.2.4 **Delivery Schedule - Issues and Risk Report**

The Contractor shall provide a monthly Delivery Schedule - Issues and Risk Report outlining the risks or issues affecting the delivery schedule, as well as affecting or potentially affecting the delivery schedule in the future. Contractor mitigation strategies to reduce each risk item or issue shall be documented within the

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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 two 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 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 provide 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 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 identify manufacturing and design issues currently affecting 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

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

- a. Shipment Summary Report
- b. Shipment to/from DND Supply System Report
- c. Warranty Returns Report
- d. Warranty Period by Serial Number

10.2.3.4.1 Shipment Summary Report

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.

10.2.3.4.2 Shipment to/from DND Supply System

The Contractor shall report all product shipped to the DND Supply System or another other facility external to the Contractor.

10.2.3.4.3 Warranty Returns Report

The Contractor shall provide a report listing all products returned from DND under warranty. 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.

10.2.3.4.4 Warranty Period by Serial Number

The Contractor shall provide the warranty start and end dates for all product delivered by the Contractor to the DND.

10.2.3.5 Update Frequency

Component reports of the Manufacturing Report (Part 2) shall be updated at the frequency detailed in the table below:

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 Report	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 See CDRL 006			
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 2010. 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 See CDRL 007			
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 2010.			
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, materiel and/or services being provided under following sub paragraphs:			
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			

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- life span. The major/significant construction materials, products and 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 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);

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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 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=4ABEFFC8-5BEC-B57A-F4BF-11069545E434);

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- 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 A

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

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Annex B

Table of Hazardous Products

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

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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 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

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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
bis(2-chloroethyl)ether	111-44-4
Bromodichloromethane	75-27-4

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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 (Cr⁶⁺) 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-chloropropane..... 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	
Benzene 71-43-2	
Benzidine 92-87-5	

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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 Test Report		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-001	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Test Report summarizes the Contractor's progress in relation to the manufacturing milestones, schedules, plans and deliverables. It provides the status of the test 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 See CDRL 008 The Test 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 Test Report (DID SE-001) and that of the Progress Report (DID PM-005) are mutually exclusive and together address the progress of the entire project.			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES 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 2010. 10.2 Content 10.2.1 The Test Report shall include the following two parts: a. Part 1 – Executive Summary; and b. Part 2 – Test Report. 10.2.2 Part 1 – Executive Summary The Executive Summary summarizes the detailed Test Report described in Part 2 and should be no more than 2 pages in length. 10.2.3 Part 2 – Test Report The Test Report content shall be derived from the following manufacturing support mechanisms: a. The Contractor's manufacturing reports through its normal course of business; and b. Sub-reports required by the Technical Authority:			

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- i. CA Reporting Period Production Summary;
- ii. Yield Reports; and
- iii. Yield Trends Report;

If a request is made by the Technical Authority for a Special Sub report, the Contractor shall provide benchmark testing results and provide the Special Sub report to the Technical Authority.

Unless otherwise indicated the Contractor shall graph trends over the production build on a monthly basis.

10.2.3.1 CA Reporting Period Production Summary

For each CA type being produced, for the reporting period, the Contractor shall provide the following:

- a. The total number of CAs that had been shipped and had successfully completed DND AT at the Start of the reporting period;
- b. The total number of CAs that had been shipped and had successfully completed DND AT at the End of the reporting period;
- c. The delta between a) and b) above;
- d. The total number of CAs that remain at the DND AT facility that have not yet been accepted at the Start of the reporting period;
- e. The total number of CAs that remain at the DND AT facility that have not yet been accepted at the End of the reporting period;
- f. The delta between d) and e) above;
- g. The total number of CAs that are Ready to Ship to the DND AT facility at the Start of the reporting period;
- h. The total number of CAs that are Ready to Ship to the DND AT facility at the End of the reporting period;
- i. The delta between g) and h) above;
- j. The total number of CAs that are Work In Progress (WIP) at the Contractor manufacturing facility at the Start of the reporting period;
- k. The total number of CAs that are Work In Progress (WIP) at the Contractor manufacturing facility at the End of the reporting period;
- l. The delta between j) and k) above;
- m. The total number of CAs that have been Scrapped at the Contractor manufacturing facility at the Start of the reporting period;
- n. The total number of CAs that have been Scrapped at the Contractor manufacturing facility at the End of the reporting period;
- o. The delta between m) and n) above;

The above information shall be placed into a single table as demonstrated in Table 1 below:

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CA Status	CA Type: CNR-034/X 300 mm		
	Start	End	Delta
Accepted			
At DND AT Facility			
Ready to Ship			
WIP			
Scrapped			

Table 1: Example CA Period Production Summary Table

10.2.3.2 Yield Report

For each CA type being produced in the reporting period, for each test step in the CA production process, the Contractor shall provide the following:

- a. First Pass Yield (also called Throughput Yield (FPY)) – the number of acceptable pieces at the end of a process divided by the number of starting pieces excluding scrap and rework. A single table will be used to capture all test steps for the CA. For each test step, the FPY table shall include the total number of CAs tested, the number that passed, the number that failed and the process yield as demonstrated in Table 2:

FPY: CNR-034/X – 300 mm (Dec 2015)				
Test Step	Test Opportunity			
	Pass	Fail	Total	Process Yield
Inspection	34	3	37	91.9%
Continuity	12	1	13	92.3%
Di-electric Withstand	23	0	23	100%
Etc...				
Total CA FPY	69	4	73	94.5%

Table 2: Example CA Type FPY Report

- b. Last Pass Yield – the number of acceptable pieces at the end of a process divided by the number of starting pieces *including* rework. A single table will be used to capture all test steps for the CA. For each test step, the FPY table shall include the total number of CAs tested, the number that passed,

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the number that failed and the process yield as demonstrated in Table 3:

LPY: CNR-034/X – 300 mm (Dec 2015)				
Test Step	Test Opportunity			
	Pass	Fail	Total	Process Yield
Inspection	36	1	37	97.3%
Continuity	13	0	13	100%
Di-electric Withstand	23	0	23	100%
Etc...				
Total CA LPY	72	1	73	98.6%

Table 3: Example CA Type FPY Report

10.2.3.3 CA Yield Trend Report

For each CA type under production, if CA production extends past a single reporting period, the Contractor shall include a CA Yield Trend Report. The report summarizes the reporting period FPYs (Table 2) and LPYs (Table 3) of the CA type for up to 6 consecutive reporting periods. The Contractor shall provide a:

- a. CA FPY Trend Report – A single table will be used to capture up to 6 consecutive CA FPY reporting periods. The Contractor shall put the CA Total FPY for each reporting period on each row of the Trend Report Table (i.e. the Total CA FPY row in Table 2) as demonstrated in Table 4.

FPY Trend: CNR-034/X – 300 mm (Jul to Dec 2015)				
Reporting Period Total CA FPY	Test Opportunity			
	Pass	Fail	Total	Process Yield
2015 – July	34	3	37	91.9%
2015 – Aug	43	1	44	97.7%
2015 – September	52	16	68	76.5%
2015 – October	17	5	23	73.9%
2015 – November	32	2	34	94.1%
2015 – December	69	4	73	94.5%
Total CA FPY over Trend Period	247	31	278	88.8%

Table 4: Example CA Type FPY Report

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- b. CA LPY Trend Report – A single table will be used to capture the up to 6 consecutive CA LPY reporting periods. The Contractor shall put the CA Total LPY for each reporting period on each row of the Trend Report Table (i.e. the Total CA LPY row in Table 3) as demonstrated in Table 5.

LPY Trend: CNR-034/X – 300 mm (Jul to Dec 2015)				
Reporting Period Total CA LPY	Test Opportunity			
	Pass	Fail	Total	Process Yield
2015 – July	37	3	40	92.5%
2015 – Aug	45	1	46	97.8%
2015 – September	60	24	84	71.4%
2015 – October	25	5	30	83.3%
2015 – November	34	2	36	94.4%
2015 – December	72	1	73	98.6%
Total CA LPY over Trend Period	273	36	309	88.3%

Table 5: Example CA Type LPY Report

10.2.3.4 Contractor Collected Log Data Report

The Contractor Collected Log Data Report shall summarize, in the Contractor's own format, any Contractor-specific testing results.

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Design Change / Deviation		2. IDENTIFICATION NUMBER – NUMÉRO D’IDENTIFICATION SE-002	
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 See CDRL 009			
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 2010. 10.2 Content 10.2.1 Design Change / Deviations forms shall be completed per D-02-006-008/SG-001.			

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1. TITLE – TITRE Request for Waiver		2. IDENTIFICATION NUMBER – NUMÉRO D’IDENTIFICATION SE-003	
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 See CDRL 010			
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 2010. 10.2 Content 10.2.1 Request for Waiver forms shall completed per D-02-006-008/SG-001.			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Production Change Point Record		2. IDENTIFICATION NUMBER – NUMÉRO D’IDENTIFICATION SE-004	
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 See CDRL 011			
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 2010. 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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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Individual Cable Assembly Traveller Data Record		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-005	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Individual Cable Assembly Traveller Data (ICATD) Record is used to record the production (including kitting, processes, timeframes and quality management) and test results associated with each cable assembly.			
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 See CDRL 012			
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 2010.			
10.2 Content			
10.2.1 The ICATD Record shall include the following for each cable assembly:			
a. The start date for each step of the manufacturing process;			
b. The end date for each part of the manufacturing process;			
c. The operator performing the particular step of the manufacturing process;			
d. The quality inspector sign-off for each part to the manufacturing process;			
e. The production equipment utilized during each part of the manufacturing process;			
f. The calibration date (if applicable) for the production equipment utilized for each part of the manufacturing process;			
g. The date testing commenced for each cable assembly;			
h. The date testing completed for each cable assembly;			
i. The test(s) performed for each cable assembly;			
j. The test parameters used for each cable assembly;			
k. The test results for each cable assembly;			
l. The date of Contractor Quality Assurance sign-off of the ICATD Record;			
m. Any other information that is part of the Contractor's manufacturing process.			

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ANNEX E

Non-Disclosure Agreement

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Non-Disclosure Agreement

Communications Cable Assemblies – Request for Supply Arrangement

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 Supply Arrangement (RFSA) No. **W8476-145075/A**, to solicit supply arrangements for Land Command Support System (LCSS) Cable Assemblies; and

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

Whereas the Recipient wishes to receive the Information and/or materials solely for the purpose of preparing a response to the RFSA.

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 and/or materials to the Recipient on an as requested basis.
2. The Recipient agrees that it shall use the Information and/or materials solely for the purpose of preparing a response to the RFSA and for no other purpose.
3. The Recipient acknowledges that the Information and/or materials 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 and/or materials 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 response to the RFSA.

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5. The Recipient shall not copy, reproduce or otherwise duplicate the Information or any information reflecting the Information and/or materials in whole or in part or allow others to do so for any purposes other than the preparation of a response to this RFSA 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 and/or materials when they are no longer required for the preparation of a response to the RFSA, when required by Canada to do so, or with its response. 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 an arrangement must nevertheless comply with this paragraph by the Closing Date of the RFSA.
8. The obligations herein contained shall survive the submission of an arrangement and the performance of any supply arrangement 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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Annex F



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 F

Technical Evaluation Criteria and Tables for Qualification Purposes

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List of Appendices

Appendix F1 – Mandatory Technical Evaluation Criteria

Table F1-1 – Technical Evaluation Criteria

Table F1-2 – Environmental Health and Safety (EHS) Evaluation Criteria

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1. SUPPLY ARRANGEMENT QUALIFICATION BY CA CATEGORY

The Request for Supply Arrangements has been structured so that Bidders may qualify in any or all of the following five CA categories:

1. Copper Cable - Low Complexity (e.g. Combat Net Radio (CNR) coaxial antenna cables);
2. Copper Cable - Medium Complexity (e.g. Power (PWR) cables);
3. Copper Cable - High Complexity; (e.g. Ethernet Local Area Network (ELAN) cables or Headquarters Information Distribution System (HIDS) cables)
4. Miscellaneous Cable - (e.g. Defence Advanced Global Positioning System cables)
5. Fibre Optic Cable (e.g. Expanded Beam Vehicle Distribution Network 4 Channel Cross-over Multimode cable assemblies).

Bidders must declare the categories for which they are seeking qualification under the Request for Supply Arrangements.

Bidders will only be allowed to submit bids and be awarded contracts for requirements under this Supply Arrangement for those cable categories for which they have been qualified.

Bidders qualified for any Copper or Fibre Optic cable category will be considered qualified for the Miscellaneous Category.

2. TECHNICAL EVALUATION

The evaluation of the technical bids comprises three phases:

- (i) Phase 1: Verification against mandatory technical criteria;
- (ii) Phase 2: Verification against EHS criteria; and
- (iii) Phase 3 (*applies to Copper CAs only*): Qualification of Cable samples.

2.1 Technical Evaluation Procedure (Phase 1)

The Bidder shall complete and provide the Mandatory Technical Evaluation Criteria Table, shown at Appendix F1, Table F1-1.

The Bidder must address each 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.

The completed Table F1-1 and supporting information will be assessed and must pass all Mandatory criteria.

2.2 Technical Evaluation Criteria

Technical bids will be assessed against the following criteria. 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. Experience may be derived up to the date of bid closing.

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2.2.1 Bidder CA Category Declaration

Bidders must declare the category(ies) for which they are seeking qualification under the Supply Arrangement, by completing the appropriate section(s) in Table F1-1. If a section of F1-1 is not completed, the Bidder will be deemed not to be seeking qualification under that category.

2.2.2 Production

For each category declared for qualification, the Bidder shall complete the following sections in Table F1-1:

a. **Facility**

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

b. **Factory Test Plan**

In accordance with Annex A section 4.5.1, the Bidder shall correctly identify all of the tests and pass criteria for the CA category which the Bidder will perform. The Bidder shall use the LCSS Cable Test User Guide and the EB VDN FO CA Design Specification provided at Appendix A2 as references to determine the test requirements for the respective CA categories.

c. **Capability**

The Bidder shall provide descriptions of manufacturing projects demonstrating that the Bidder 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 (similar being defined as comparable in technology and complexity to manufacture and test) to:

- **Low Complexity:** as characterized by a cable similar to a CNR cable and the production rate was at least 200 units per month for 3 consecutive months;
- **Medium Complexity:** as characterized by a cable similar to a PWR cable and the production rate was at least 200 units per month for 3 consecutive months;
- **High Complexity:** as characterized by a cable similar to a HIDS or ELAN cable and the production rate was at least 200 units per month for 3 consecutive months; and/or,
- **Fibre Optic Cable:** as characterized by a cable similar to an EB VDN cable and the production rate was at least 200 units per month for 3 consecutive months.

2.2.3 Workmanship

For each category declared for qualification, the Bidder shall complete the following sections in Table F1-1:

a. **Standards - For Low, Medium and High Complexity Cables**

Bids shall demonstrate the Bidder's experience in building cable assemblies in accordance with IPC-A-620 Class 3 standards by providing a list of contracts/projects with a brief description of each that are similar in complexity to the Complexity level

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declared (Low, Medium, High) and comparable delivery rate, i.e. at least 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. Standards – For Fibre Optic Cables

Bids shall demonstrate the Bidder’s experience in building cable assemblies in accordance with MIL-DTL-83526C subsection 3.13 standards by providing a list of projects with a brief description of each that are similar in complexity to Fibre Optic cables 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 MIL-DTL-83526C subsection 3.13 standards.

c. Qualification – For Low, Medium and High Complexity Cables

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 shall also demonstrate the Bidder’s experience in delivering IPC-A-620 Class 3 training by providing a list of:

- i. In-house, or third party, certified IPC-A-620 Class 3 trainers servicing staff within the proposed manufacturing facility; and
- ii. 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.

d. Qualification – For Fibre Optic Cables

The Bidder shall provide a high-level training plan describing how staff working on the Fibre Optic Cable Assembly production will receive initial training in order to maintain MIL-DTL-83526C subsection 3.13 standards.

2.2.4 Quality Management System

The Bidder shall comply with ISO 9001:2008 “Quality Management Systems – Requirements (QAC Q). The bidder must provide proof of the compliance level specified in the solicitation. The provision of the certificate noting that the production facility is certified with ISO 9001 will satisfy this requirement OR written statements addressing each of the Quality Management System – Requirements in ISO 9001 paras 4 to 8. These written statements shall indicate the requirement being addressed, i.e. 4.2.4 Control of Records, and provide sufficient detail to provide evidence that the standard is being addressed. In order to verify written statements, the Crown reserves the right to perform a physical inspection of the production facility.

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3. EHS EVALUATION PROCEDURE (Phase 2)

The Bidder shall provide a completed Bidder Environmental Health and Safety Performance Survey. This survey is shown at Appendix F1, Table F1-2.

In the right hand columns, for each criterion, the Bidder must include remarks and/or cross reference(s) to the specific paragraph number(s) and page number(s) of their bid containing the required evidence of compliance.

The completed survey and supporting information will be assessed against the Rated EHS Evaluation Criteria at Table F1-2 of Appendix F1 to this Annex and must achieve a Minimum Required EHS Evaluation Points score of **60** points.

This survey will also be included in any subsequent RFP under the SA.

4. QUALIFICATION SAMPLES FOR COPPER CABLES (Phase 3)

DND will provide the majority of the components for the sample cables as specified in the file named "Electronic File of Government Supplied Components for Sample Cables" (listed in Annex A, Appendix A2, at Table A2-2). All other components required to complete the manufacture of the sample cable(s) are the responsibility of the Bidder.

4.1 Qualification Samples Evaluation Procedure

Bidders shall submit a sample CA for each of the Copper CA categories declared in Table F1-1, with their bid. Sample cables shall be manufactured in the manufacturing facility specified by the Bidder in Table F1-1 paragraphs 1.1 a., 2.1 a., and/or 3.1 a.

The Qualification Sample Evaluation Procedure is as follows:

- a. The Bidder shall select the sample cable from Annex A, Appendix A1 (Representative Cable Assemblies).
Note: To qualify for High Complexity Copper cables, the Bidder must submit Item No. 003 (ELAN-333/LS);
- b. The TDPs for the sample CAs have been provided as part of the RFP (listed in Appendix A2);
- c. The Bidder shall manufacture the sample cables in accordance with the applicable requirements specified in Annex A (Requirement) and the CA TDP;
- d. The Bidder shall submit the sample cable with its Bid. The CA sample will be examined and tested by DND. The sample CA will be deemed acceptable if it has been:
 - i. Built in accordance with the CA TDP and the Production Requirements of Annex A, Section 4.3; and
 - ii. Passes all cable tests for the category described in LCSS Cable Test User Guide (Annex A, Appendix A2, Table A2-2);
- e. Should the sample CA be deemed unacceptable, a complete list of deficiencies will be provided to the Bidder;

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- f. The Bidder will have 5 working days to produce and return to the DND a second sample CA. The 5 working day period will commence immediately after either a. or b. below occurs:
- a. the initial sample cable has been received by the Bidder (in this situation, the deficiencies noted can be rectified by reworking/repairing the initial sample cable);
or
 - b. the second set of DND-supplied components has been received by the Bidder (in this situation, the deficiencies are such that a new sample cable must be provided)
- g. Should the second sample CA be deemed unacceptable, no further consideration will be given to the Bidder for qualification within that CA category. However, the complete list of deficiencies will be provided to the Bidder.

4.2 Qualification Sample Evaluation Criteria

For each category declared for qualification, the Bidder shall certify to the following statements:

- a. The Bidder shall acknowledge that to be considered for qualification for Copper cables, the Bidder must submit a sample cable for the appropriate complexity level that successfully passes DND AT, the sample cable becomes the property of Canada, and the Bidder understands and agrees that Canada may conduct a destructive audit of the cable;
- b. The sample cable assembly(ies) have been manufactured in the same facility in which the production of cable assemblies is proposed by the Bidder to occur to satisfy any resultant Contract under the SA, as required by para 2.2.2 and as named in Table F1-1 paras 1.1a., 2.1 a, and/or 3.1 a;
- c. The sample cable assembly(ies) shall be provided at no charge to Canada and shall be delivered as follows:
 - i. The first sample with bid; and
 - ii. The second sample (if required) within 5 working days as indicated in para 4.1 f); and
- d. Once a Bidder is qualified in a Cable category, the requirement for a sample cable assembly will in no way relieve the Bidder, as Contractor, from the duty of strictly adhering to the technical requirements of the bid solicitation or any resultant contract under the SA. Written confirmation must be provided by the Bidder with the sample cable, stating that, should the Bidder be awarded a contract, the technical requirement as defined in that contract will be strictly adhered to in the manufacture of the required cables.

Failure to submit the sample cables or written confirmation of technical requirement adherence as stated above will result in the Bidder being declared non-responsive.

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Appendix F1
Evaluation Criteria

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

List of Tables:

Table F1-1 – Mandatory Technical Evaluation Criteria

Table F1-2 – EHS Evaluation Criteria

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Table F1-1 – Mandatory Technical Evaluation Criteria

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder's Proposal - Comments	
			Read Understood	Cross-Reference
	Annex F, Sections 2 and 4	<p>1.1 PRODUCTION - Copper Cables – Low Complexity</p> <p>a. Facility The Bidder shall identify the proposed production facility at which cable assembly production will be conducted.</p> <p>b. Factory Test Plan The Bidder has correctly identified in its FTP all of the tests and pass criteria for the low complexity cable(s) noted in Appendix A1 to Annex A.</p> <p>c. Capability The Bidder shall provide descriptions of manufacturing projects demonstrating that the Bidder and/or its proposed subcontractors or partners have experience manufacturing at least 1 product within the last year and 2 other products within the last 5 years, where:</p> <ul style="list-style-type: none"> • the manufactured products were similar in technology and complexity to the CNR Cable Assembly, and • the production rate was at least 200 units per month for 3 consecutive months. <p>d. Sample Cable The Bidder has provided a sample cable consistent with a low complexity cable that meets all the requirements noted in Annex F paragraph 4.1.</p> <p>e. Bidder Statements The Bidder has provided statements according to Annex F paragraph 4.2</p>		

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

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder's Proposal - Comments	
			Read Understood	Cross-Reference
Annex A, Paragraph 4.3.3	Annex F Para 2.2.3	<p>1.2 WORKMANSHIP – <u>Copper Cables - Low Complexity</u></p> <p>a. Standards</p> <p>The Bid shall demonstrate the Bidder's 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 that are similar in complexity to the CNR Cable Assembly, and delivery rate, i.e. at least 200 units per month successfully completed within the proposed manufacturing facility.</p> <p>For each of the identified projects, bids shall provide the project start and end dates indicating the number of months/years experience gained manufacturing to IPC-A-620 Class 3 standards.</p>		
		<p>b. Qualification</p> <p>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 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's Proposal – Comments	
			Read Understood	Cross-Reference
		<p>2.1. PRODUCTION - Copper Cables - Medium Complexity</p> <p>a. Facility The Bidder shall identify the proposed production facility at which cable assembly production will be conducted.</p> <p>b. Factory Test Plan The Bidder has correctly identified in its FTP all of the tests and pass criteria for the medium complexity cable(s) noted in Appendix A1 to Annex A.</p> <p>c. Capability The Bidder shall provide descriptions of manufacturing projects demonstrating that the Bidder and/or its proposed subcontractors or partners have experience manufacturing at least 1 product within the last year and 2 other products within the last 5 years, where:</p> <ul style="list-style-type: none"> ▪ the manufactured products were similar in technology and complexity to the PWR Cable Assembly, and ▪ the production rate was at least 200 units per month for 3 consecutive months. <p>d. Sample Cable The Bidder has provided a sample cable consistent with a medium complexity cable which meets all the requirements noted in Annex F paragraph 4.1.</p> <p>e. Bidder Statements The Bidder has provided statements according to Annex F paragraph 4.2</p>		

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

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder's Proposal – Comments		
			Read	Understood	Cross-Reference
Annex A, Paragraph 4.3.3	Annex F Paragraph 2.2.3	<p>2.2 WORKMANSHIP – <u>Copper Cables - Medium Complexity</u></p> <p>a. Standards</p> <p>The Bid shall demonstrate the Bidder's 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 that are similar in complexity to the PWR Cable Assembly, and comparable delivery rate, i.e. at least 200 units per month successfully completed within the proposed manufacturing facility.</p> <p>For each of the identified projects, bids shall provide the project start and end dates indicating the number of months/years experience gained manufacturing to IPC-A-620 Class 3 standards.</p>			
		<p>b. Qualification</p> <p>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 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's Proposal – Comments	
			Read Understood	Cross-Reference
		<p>3.1 PRODUCTION – Copper Cables - High Complexity</p> <p>a. Facility The Bidder shall identify the proposed production facility at which cable assembly production will be conducted.</p> <p>b. Factory Test Plan The Bidder has correctly identified in its FTP all of the tests and pass criteria for the high complexity cable(s) noted in Appendix A1 to Annex A.</p> <p>c. Capability The Bidder shall provide descriptions of manufacturing projects demonstrating that the Bidder and/or its proposed subcontractors or partners have experience manufacturing at least 1 product within the last year and 2 other products within the last 5 years, where:</p> <ul style="list-style-type: none"> ▪ the manufactured products were similar in technology and complexity to the HIDS and/or ELAN Cable Assembly, and ▪ the production rate was at least 200 units per month for 3 consecutive months. <p>d. Sample Cable The Bidder has provided a sample cable consistent with a high complexity cable which meets all the requirements noted in Annex F paragraph 4.1.</p> <p>e. Bidder Statements The Bidder has provided statements according to Annex F, paragraph 4.2.</p>		

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

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder's Proposal – Comments	
			Read	Understood
Annex A, Paragraph 4.3.3	Annex F Paragraph 2.2.3	<p>3.2 WORKMANSHIP - <u>Copper Cables - High Complexity</u></p> <p>a. Standards</p> <p>The Bid shall demonstrate the Bidder's 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 that are similar in complexity to the HIDS and/or ELAN Cable Assembly, and delivery rate, i.e. at least 200 units per month successfully completed within the proposed manufacturing facility.</p> <p>For each of the identified projects, bids shall provide the project start and end dates indicating the number of months/years experience gained manufacturing to IPC-A-620 Class 3 standards.</p>		
		<p>b. Qualification</p> <p>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 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's Proposal – Comments	
			Read Understood	Cross Reference
		<p>4.1. <u>PRODUCTION - Fibre Optic Cables</u></p> <p>a. Facility The Bidder shall identify the proposed production facility at which cable assembly production will be conducted.</p> <p>b. Factory Test Plan The Bidder has correctly identified in its FTP all of the tests and pass criteria for the Fibre Optic cable(s) noted in Appendix A1 to Annex A.</p> <p>c. Capability The Bidder shall provide descriptions of manufacturing projects demonstrating that the Bidder and/or its proposed subcontractors or partners have experience manufacturing at least 1 product within the last year and 2 other products within the last 5 years, where:</p> <ul style="list-style-type: none"> ▪ the manufactured products were similar in technology and complexity to the Fibre Optic Cable Assembly, and ▪ the production rate was at least 200 units per month for 3 consecutive months. <p>d. Sample Cables No requirement for sample cable.</p> <p>e. Bidder Statements No requirement for Bidder Statements</p>		
	Annex F, Sections 2 and 4			

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

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder's Proposal – Comments	
			Read	Understood Cross Reference
Annex A, Paragraph 4.3.3	Annex F Paragraph 2.2.3	<p>4.2. WORKMANSHIP - Fibre Optic Cables</p> <p>a. Standards</p> <p>Bids shall demonstrate the Bidder's experience in building cable assemblies in accordance with MIL-DTL-83526C subsection 3.13 standards by providing a list of projects with a brief description of each that are similar in complexity to Fibre Optic cables and delivery rate, i.e. at least 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 MIL-DTL-83526C subsection 3.13 standards.</p>		
		<p>b. Qualification</p> <p>The Bidder shall provide a high-level training plan describing how staff working on the Fibre Optic Cable Assembly production will receive initial training in order to maintain MIL-DTL-83526C subsection 3.13 standards.</p>		

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

Reference	Demonstration Method	Mandatory Technical Evaluation Criteria	Bidder's Proposal – Comments	
			Read	Understood Cross Reference
	Annex F, Paragraph 2.2.4	<p>5. QUALITY MANAGEMENT SYSTEM The Bidder shall demonstrate compliance with ISO 9001:2008 for all Work in any resultant Contract under the SA.</p>		
Annex A, Section 4.12	Annex F, Section 3	<p>6. ENVIRONMENT, HEALTH AND SAFETY</p> <p>a. Survey The Bidder shall provide a completed Rated EHS Evaluation Criteria (Table F1-2).</p> <p>b. Point Score The completed Rated EHS Evaluation Criteria at Table F1-2 of Appendix F1 to this Annex must achieve the Minimum Required EHS Evaluation score of 60 points to be considered responsive.</p>		

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Table F1-2 – Rated EHS Evaluation Criteria

Demonstration Method	EHS Evaluation Criteria	Available Points	Cross-Reference	Awarded Points
Annex F, Section 3	<p>1. Regulatory Compliance History – Environmental</p> <p>The Bidder has not been charged or convicted with an offence under Environmental laws in any jurisdiction in the last 3 years.</p> <ul style="list-style-type: none"> • True – 20 pts • False– 0 pts 	20		
Annex F, Section 3	<p>2. Regulatory Compliance History – Occupational Health and Safety</p> <p>The Bidder has not been charged or convicted with an offence under Occupational Health and Safety (OHS) laws in any jurisdiction in the last 3 years.</p> <ul style="list-style-type: none"> • True – 20 pts • False– 0 pts 	20		
Annex F, Section 3	<p>3. Environmental Management System (EMS)</p> <p>Does the Bidder/Contractor EMS have an ISO 14001 certification?</p> <p>If Yes, a copy of the ISO 14001 certificate obtained within the last 3 years by an accredited body is to be submitted with this survey to receive the maximum number of 30 points.</p> <p>If No, please answer the questions below (for a maximum total number of 20 points):</p> <p>a. Does your organization have an environmental policy?</p> <p>If Yes, a copy of the policy is to be submitted with this survey. Submitted policy is assessed to the following requirements: The policy must:</p> <ul style="list-style-type: none"> • be signed by top management, and 	30		
		0.5		

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Demonstration Method	EHS Evaluation Criteria	Available Points	Cross-Reference	Awarded Points
	<ul style="list-style-type: none"> • include a statement of commitment: <ul style="list-style-type: none"> ○ for compliance with applicable laws and regulations, ○ to continual improvement of environmental performance, and ○ to pollution prevention. <p>If No/Blank – 0 pts.</p> <p>Maximum available points for question a. are 2.</p>	0.5		
	<p>b. Provide a copy of the list identifying the significant environmental aspects of the activities, products and services of your organization.</p> <ul style="list-style-type: none"> • List provided – 3 pts • No/Blank – 0 pts 	3		
	<p>c. Provide a copy of the list of legal requirements that apply to the significant environmental aspects identified in the list required at question b.</p> <ul style="list-style-type: none"> • List provided – 3 pts • No/Blank – 0 pts 	3		
	<p>d. Provide a copy of 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.</p> <ul style="list-style-type: none"> • Report provided – 3 pts • No/Blank – 0 pts 	3		

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Demonstration Method	EHS Evaluation Criteria	Available Points	Cross-Reference	Awarded Points
	<p>e. Provide a copy of the list of environmental objectives and targets which are consistent with the environmental policy of your organization.</p> <ul style="list-style-type: none"> • List provided – 3 pts • No/Blank – 0 pts 	3		
	<p>f. Has your organization established, implemented and maintained an environmental management program to achieve its objectives and targets?</p> <ul style="list-style-type: none"> • Yes- 1 pt • No – 0 pts 	1		
	<p>g. Has your organization's management team ensured the availability and training of resources required for an effective environmental management plan?</p> <ul style="list-style-type: none"> • Yes – 1 pt • No – 0 pt 	1		
	<p>h. Provide a copy of your Emergency Preparedness and Response Plan.</p> <ul style="list-style-type: none"> • Plan provided – 3 pts • No/Blank – 0 pts 	3		
	<p>i. Has your organization developed preventive and protective measures, such as the use of engineering controls, to mitigate environmental risks?</p> <ul style="list-style-type: none"> • Yes – 1 pt • No – 0 pt 	1		

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Demonstration Method	EHS Evaluation Criteria	Available Points	Cross-Reference	Awarded Points
Annex F, Section 3	<p>4. Occupational Health and Safety Management System (OHSMS) Does the Bidder/Contractor organization have an Occupational Health and Safety Management System certified OHSAS 18001 or Z1000-06 CSA? If Yes, a copy of the OHSAS 18001 or Z1000-06 CSA certificate obtained within the last 3 years by an accredited body is to be submitted with this survey to receive the maximum number of 30 points.</p>	30		
	<p>If No, please answer the following questions (for a maximum total number of 20 points):</p> <p>a. Does your organization have an OHS policy? If Yes, a copy of the formal OHS policy is to be submitted with this survey. Submitted policy is assessed to the following requirements: The policy must:</p> <ul style="list-style-type: none"> • be signed by top management – 1 pt, and 	1		
	<ul style="list-style-type: none"> • include a statement of commitment – 1 pt: <ul style="list-style-type: none"> ○ for compliance with applicable laws and regulations, 	1		
	<ul style="list-style-type: none"> ○ to prevent injury and ill health – 1 pt, and 	1		
	<ul style="list-style-type: none"> ○ to continual improvement in OHS management – 1 pt. <p>If No/Blank – 0 pts. Maximum available points for question a. are 4.</p>	1		

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Demonstration Method	EHS Evaluation Criteria	Available Points	Cross-Reference	Awarded Points
	<p>b. Has your organization developed preventive and protective measures, such as use of personal protective equipment, to mitigate the OHS risks?</p> <ul style="list-style-type: none"> • Yes – 2 pt • No – 0 pt 	2		
	<p>c. Does your organization have a hazardous material inventory system in place?</p> <ul style="list-style-type: none"> • Yes – 2 pt • No – 0 pt 	2		
	<p>d. Does your organization have a hazardous materials management program in place for their receipt, storage, use and disposal?</p> <p>If Yes a copy of the Hazardous materials management program is to be submitted with this survey and will be evaluated based on the following: The Hazardous Materials Management program must contain information on hazardous materials:</p> <ul style="list-style-type: none"> • receipt, • storage, • use, and • disposal. 	2		
		2		
		2		
		2		
	<p>If No/Blank – 0 pts. Maximum available points for question d. is 8.</p>	2		

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Demonstration Method	EHS Evaluation Criteria	Available Points	Cross-Reference	Awarded Points
	e. 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)? Yes – 4 pts No – 0 pt	4		
Minimum Required EHS Evaluation Points =		60 / 100		

The completed EHS Evaluation Criteria at Table F1-2 of Appendix F1 to this Annex must achieve the Minimum Required EHS Evaluation score of 60 points.