



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des
soumissions - TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government
Services Canada**

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

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

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

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

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

Title - Sujet Switch & Circuit Breaker Unit(SCBU)	
Solicitation No. - N° de l'invitation W8476-206172/A	Date 2020-09-02
Client Reference No. - N° de référence du client W8476-206172	
GETS Reference No. - N° de référence de SEAG PW-\$\$QD-047-27877	
File No. - N° de dossier 047qd.W8476-206172	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-10-15	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lomas, Robert	Buyer Id - Id de l'acheteur 047qd
Telephone No. - N° de téléphone (613) 404-4639 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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

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W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

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PART 1 – GENERAL INFORMATION

1.1 Introduction

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

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

The Annexes include the Statement of Work, the Basis of Payment, the Federal Contractors Program for Employment Equity - Certification, the Insurance Requirements, the DND 626 Task Authorization Form, DND 672 Design Changes and or Deviation Form, and DND 675 Waiver Form, Financial Bid Evaluation Methodology, Non-Disclosure Agreement and any other annexes.

1.2 Summary

- 1.2.1 The Contractor must provide to the Department of National Defence the goods in accordance with Statement of Work Annex A.
- 1.2.2 There is no security requirement associated with this requirement.
- 1.2.3 This procurement is subject to the Controlled Goods Program. The Defence Production Act defines Canadian Controlled Goods as certain goods listed in Canada's Export Control List, a regulation made pursuant to the Export and Import Permits Act (EIPA).
- 1.2.4 The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.
- 1.2.5 This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

1.3 Bid Challenge and Recourse Mechanisms

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

- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

1.4 Debriefings

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

PART 2 – BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2020-05-28) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 120 Days

2.1.1 SACC Manual Clauses

[A7035T](#) (2007-05-25) List of Proposed Subcontractors

[A9130T](#) (2019-11-28) Controlled Goods Program

2.2 Submission of Bids

Due to the nature of the bid solicitation, **only** bids transmitted to PWGSC via epost will be accepted.

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

The email address for the Bid Receiving Unit in the National Capital Region (NCR) is:

tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

2.3 Former Public Servant

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

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2019-01](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;

- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

2.4 Enquiries – Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

2.5 Applicable Laws

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

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

2.6 Government Furnished Information

The DND Specifications, Standards and Publication listed in Figure A-5 of Annex A, are essential to formulating a bid and are available from the Contracting Authority on request. The document versions that will be provided reflect those currently in use.

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

This request must be accompanied by a fully executed original copy of the Non-disclosure Agreement (NDA) as per the template provided at Annex K.

Bidders must contact the Contract Authority identified in Article 7.5.1 to request GFI

2.7 Basis for Canada's Ownership of Intellectual Property

The Department of National Defense (DND) has determined that any intellectual property rights arising from the performance of the Work under the resulting contract will belong to Canada, for the following

reason, as set out in the [*Policy on Title to Intellectual Property Arising Under Crown Procurement Contracts*](#):

the Intellectual Property in Foreground Information consists of material subject to copyright, with the exception of computer software and all documentation pertaining to that software.

PART 3 – BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

The bid must be gathered per section and separated as follows:

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications

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

Bidders must demonstrate their compliance with the following sections of the bid solicitation by providing substantial information describing completely and in detail how the requirement is met or addressed. Bidders must provide with their technical bid, a document indicating clearly where the substantial information for each of the sections identified below can be found.

3.2 Section I: Technical Bid

In their technical bid, Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

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

For Mandatory and Point Rated Technical Requirements, Bidders must use Annex H – Evaluation Criteria to provide their responses.

3.2.1 Mandatory Technical Requirement

Bidders must submit a completed copy of the Mandatory Technical Requirements – Evaluation Criteria, shown in Table 1 of Annex H.

In the Cross Reference to Evidence of Compliance column, record specific paragraph number(s) and page number(s) of the Bidder's technical bid containing the required evidence of compliance.

3.2.2 Point Rated Technical Requirement

Bidders must submit a completed copy of the Technical Rated Requirements – Evaluation Criteria, shown in Table 3 of Annex H.

The point rated technical requirements are comprised of the following:

- a. Quality Plan Technical Requirements, and
- b. Corporate Environmental Health and Safety Technical Requirements.

3.2.3 Quality Plan Technical Requirement

The Bidder must submit a Quality Plan with their bid that complies with Data Item Description (DID) ID No. SE-003 of Appendix A2, and a completed copy of the Point Rated Technical Requirements - Quality Plan Evaluation Criteria shown at Table 3 of Annex H.

In the Cross Reference to Evidence of Compliance column of Table 3, record:

- a. specific paragraph number(s) and page number(s) of the submitted Quality Plan and supporting documents where the required evidence of compliance with DID SE-003 is provided; and
- b. for each referenced supporting document indicate whether it is “Supplementary” or “Pre-existing” as defined in Article 4.3.2 below.

3.2.4 Corporate Environmental Health and Safety Technical Requirement

Bidders must submit a completed copy of the Point Rated Technical Requirements – Environmental Evaluation Criteria shown at Table 4 of Annex H.

In the Cross Reference to Evidence of Compliance column, record specific paragraph number(s) and page number(s) of the Bidder’s technical bid containing the required evidence of compliance.

3.3 Section II: Financial Bid

Bidders must submit their financial bid in accordance with Annex I using the Financial Bid Presentation Sheet provided in Appendix I1 of Annex I.

3.4 Section III: Certifications

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

3.5 Exchange Rate Fluctuation - C3011T (2013-11-06) Exchange Rate Fluctuation

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

PART 4 – EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.2 Phased Bid Compliance Process (PBCP)

4.2.1 General

- a) Canada is conducting the Phased Bid Compliance Process described below for this requirement.
- b) Notwithstanding any review by Canada at Phase I or II of the Phased Bid Compliance Process, Bidders are and will remain solely responsible for the accuracy, consistency and completeness of their Bids and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying any or all errors or omissions in Bids or in responses by a Bidder to any communication from Canada.

THE BIDDER ACKNOWLEDGES THAT THE REVIEWS IN PHASE I AND II OF THIS PHASED BID COMPLIANCE PROCESS ARE PRELIMINARY AND DO NOT PRECLUDE A FINDING IN PHASE III THAT THE BID IS NON-RESPONSIVE, EVEN FOR MANDATORY REQUIREMENTS WHICH WERE SUBJECT TO REVIEW IN PHASE I OR II AND NOTWITHSTANDING THAT THE BID HAD BEEN FOUND RESPONSIVE IN SUCH EARLIER PHASE. CANADA MAY DEEM A BID TO BE NON-RESPONSIVE TO A MANDATORY REQUIREMENT AT ANY PHASE. THE BIDDER ALSO ACKNOWLEDGES THAT ITS RESPONSE TO A NOTICE OR A COMPLIANCE ASSESSMENT REPORT (CAR) (EACH DEFINED BELOW) IN PHASE I OR II MAY NOT BE SUCCESSFUL IN RENDERING ITS BID RESPONSIVE TO THE MANDATORY REQUIREMENTS THAT ARE THE SUBJECT OF THE NOTICE OR CAR, AND MAY RENDER ITS BID NON-RESPONSIVE TO OTHER MANDATORY REQUIREMENTS.

- c) Canada may, in its discretion, request and accept at any time from a Bidder and consider as part of the Bid, any information to correct errors or deficiencies in the Bid that are clerical or administrative, such as, without limitation, failure to sign the Bid or any part or to checkmark a box in a form, or other failure of format or form or failure to acknowledge; failure to provide a procurement business number or contact information such as names, addresses and telephone numbers; inadvertent errors in numbers or calculations that do not change the amount the Bidder has specified as the price or of any component thereof that is subject to evaluation. This shall not limit Canada's right to request or accept any information after the bid solicitation closing in circumstances where the bid solicitation expressly provides for this right. The Bidder will have the time period specified in writing by Canada to provide the necessary documentation. Failure to meet this deadline will result in the Bid being declared non-responsive.
- d) The PBCP does not limit Canada's rights under Standard Acquisition Clauses and Conditions (SACC) 2003 (2018-05-22) Standard Instructions – Goods or Services – Competitive Requirements nor Canada's right to request or accept any information during the solicitation period or after bid solicitation closing in circumstances where the bid solicitation expressly provides for this right, or in the circumstances described in subsection (c).
- e) Canada will send any Notice or CAR by any method Canada chooses, in its absolute discretion. The Bidder must submit its response by the method stipulated in the Notice or CAR. Responses are deemed to be received by Canada at the date and time they are delivered to Canada by the method and at the address specified in the Notice or CAR. An email response permitted by the Notice or CAR is deemed received by Canada on the date and time it is received in Canada's email inbox at Canada's email address specified in the Notice or CAR. A Notice or CAR sent by

Canada to the Bidder at any address provided by the Bidder in or pursuant to the Bid is deemed received by the Bidder on the date it is sent by Canada. Canada is not responsible for late receipt by Canada of a response, however caused.

4.2.2 Phase I: Financial Bid

- a) After the closing date and time of this bid solicitation, Canada will examine the Bid to determine whether it includes a Financial Bid and whether any Financial Bid includes all information required by the solicitation. Canada's review in Phase I will be limited to identifying whether any information that is required under the bid solicitation to be included in the Financial Bid is missing from the Financial Bid. This review will not assess whether the Financial Bid meets any standard or is responsive to all solicitation requirements.
- b) Canada's review in Phase I will be performed by officials of the Department of Public Works and Government Services.
- c) If Canada determines, in its absolute discretion that there is no Financial Bid or that the Financial Bid is missing all of the information required by the bid solicitation to be included in the Financial Bid, then the Bid will be considered non-responsive and will be given no further consideration.
- d) For Bids other than those described in c), Canada will send a written notice to the Bidder ("Notice") identifying where the Financial Bid is missing information. A Bidder whose Financial Bid has been found responsive to the requirements that are reviewed at Phase I, will not receive a Notice. Such Bidders shall not be entitled to submit any additional information in respect of their Financial Bid.
- e) The Bidders who have been sent a Notice shall have the time period specified in the Notice (the "Remedy Period") to remedy the matters identified in the Notice by providing to Canada, in writing, additional information or clarification in response to the Notice. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the Notice.
- f) In its response to the Notice the Bidder will be entitled to remedy only that part of its Financial Bid which is identified in the Notice. For instance, where the Notice states that a required line item has been left blank, only the missing information may be added to the Financial Bid, except that, in those instances where the addition of such information will necessarily result in a change to other calculations previously submitted in its Financial Bid, (for example, the calculation to determine a total price), such necessary adjustments shall be identified by the Bidder and only these adjustments shall be made. All submitted information must comply with the requirements of this solicitation.
- g) Any other changes to the Financial Bid submitted by the Bidder will be considered to be new information and will be disregarded. There will be no change permitted to any other Section of the Bidder's Bid. Information submitted in accordance with the requirements of this solicitation in response to the Notice will replace, in full, only that part of the original Financial Bid as is permitted above, and will be used for the remainder of the bid evaluation process.
- h) Canada will determine whether the Financial Bid is responsive to the requirements reviewed at Phase I, considering such additional information or clarification as may have been provided by the Bidder in accordance with this Section. If the Financial Bid is not found responsive for the requirements reviewed at Phase I to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.

- i) Only Bids found responsive to the requirements reviewed in Phase I to the satisfaction of Canada, will receive a Phase II review.

4.2.3 Phase II: Technical Bid

- a) Canada's review at Phase II will be limited to a review of the Technical Bid to identify any instances where the Bidder has failed to meet any Eligible Mandatory Criterion. This review will not assess whether the Technical Bid meets any standard or is responsive to all solicitation requirements. Eligible Mandatory Criteria are all mandatory technical criteria that are identified in this solicitation as being subject to the Phased Bid Compliance Process. Mandatory technical criteria that are not identified in the solicitation as being subject to the Phased Bid Compliance Process, will not be evaluated until Phase III.
- b) Canada will send a written notice to the Bidder (Compliance Assessment Report or "CAR") identifying any Eligible Mandatory Criteria that the Bid has failed to meet. A Bidder whose Bid has been found responsive to the requirements that are reviewed at Phase II will receive a CAR that states that its Bid has been found responsive to the requirements reviewed at Phase II. Such Bidder shall not be entitled to submit any response to the CAR.
- c) A Bidder shall have the period specified in the CAR (the "Remedy Period") to remedy the failure to meet any Eligible Mandatory Criterion identified in the CAR by providing to Canada in writing additional or different information or clarification in response to the CAR. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the CAR.
- d) The Bidder's response must address only the Eligible Mandatory Criteria listed in the CAR as not having been achieved, and must include only such information as is necessary to achieve such compliance. Any additional information provided by the Bidder which is not necessary to achieve such compliance will not be considered by Canada, except that, in those instances where such a response to the Eligible Mandatory Criteria specified in the CAR will necessarily result in a consequential change to other parts of the Bid, the Bidder shall identify such additional changes, provided that its response must not include any change to the Financial Bid.
- e) The Bidder's response to the CAR should identify in each case the Eligible Mandatory Criterion in the CAR to which it is responding, including identifying in the corresponding section of the original Bid, the wording of the proposed change to that section, and the wording and location in the Bid of any other consequential changes that necessarily result from such change. In respect of any such consequential change, the Bidder must include a rationale explaining why such consequential change is a necessary result of the change proposed to meet the Eligible Mandatory Criterion. It is not up to Canada to revise the Bidder's Bid, and failure of the Bidder to do so in accordance with this subparagraph is at the Bidder's own risk. All submitted information must comply with the requirements of this solicitation.
- f) Any changes to the Bid submitted by the Bidder other than as permitted in this solicitation, will be considered to be new information and will be disregarded. Information submitted in accordance with the requirements of this solicitation in response to the CAR will replace, in full, only that part of the original Bid as is permitted in this Section.
- g) Additional or different information submitted during Phase II permitted by this section will be considered as included in the Bid, but will be considered by Canada in the evaluation of the Bid at Phase II only for the purpose of determining whether the Bid meets the Eligible Mandatory Criteria. It will not be used at any Phase of the evaluation to increase or decrease any score that the original Bid would achieve without the benefit of such additional or different information. For instance, an Eligible Mandatory Criterion that requires a mandatory minimum number of points to achieve compliance will be assessed at Phase II to determine whether such mandatory minimum

score would be achieved with such additional or different information submitted by the Bidder in response to the CAR. If so, the Bid will be considered responsive in respect of such Eligible Mandatory Criterion, and the additional or different information submitted by the Bidder shall bind the Bidder as part of its Bid, but the Bidder's original score, which was less than the mandatory minimum for such Eligible Mandatory Criterion, will not change, and it will be that original score that is used to calculate any score for the Bid.

- h) Canada will determine whether the Bid is responsive for the requirements reviewed at Phase II, considering such additional or different information or clarification as may have been provided by the Bidder in accordance with this Section. If the Bid is not found responsive for the requirements reviewed at Phase II to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.
- i) Only Bids found responsive to the requirements reviewed in Phase II to the satisfaction of Canada, will receive a Phase III evaluation.

4.2.4 Phase III: Final Evaluation of the Bid

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

4.3 Technical Evaluation

4.3.1 Mandatory Technical Criteria

The evaluation team will refer to the Mandatory Technical Requirements – Evaluation Criteria, submitted by the Bidder in accordance with Article 3.2.1 of Part 3 above, and for each Quality Plan Activity, the evaluation team will:

- a. read the documentation submitted by the Bidder that is identified in the Cross Reference to Evidence of Compliance column;
- b. assess the compliance of the documentation against the criteria specified in the Evaluation Criteria column; and
- c. make a determination of compliance or non-compliance.

If one or more of the Mandatory Technical Requirements is not met, the bid will be declared non-responsive and will not be further evaluated.

Bids that meet all of the Mandatory Technical Requirements will proceed to be evaluated for the Point Rated Technical Requirements.

The Phased Bid Compliance Process will apply to all mandatory technical criteria and all point rated technical criteria with a minimum pass mark.

4.3.2 Point Rated Technical Criteria

As stated in Section 3.1 of Annex A - SOW, this is a combined "off-the-shelf" and "build-to-print" initiative, with the emphasis placed on the essential build-to-print production and test process requirements. Therefore, the point-rated technical requirements aim primarily to assess the maturity of current manufacturing and test capabilities evidenced by the bidder's *Pre-existing* Quality Management System

documentation containing thoroughly developed and repeatable procedures based on relevant experience. It's likely that such documentation will require augmentation through *Supplementary* documentation in order to further substantiate compliance for each specific technical requirement.

By signing their bid, the Bidder is certifying that, unlike *Supplementary* documents, written specifically to respond to this RFP, documents that the Bidder identifies as *Pre-existing*, were authored prior to, and with no knowledge of, the content of this RFP.

The point rated technical requirements evaluation is comprised of the following:

- a. Quality Plan Evaluation, and
- b. Corporate Environmental Health and Safety Evaluation.

The total of the points awarded for the above evaluations will be utilized in the Basis of Selection - Lowest Price per Point, outlined below in Article 4.4 below.

4.3.2.1 Quality Plan Evaluation

The evaluation team will refer to the Point Rated Technical Requirements – Quality Plan Evaluation Criteria, submitted by the Bidder in accordance with Article 3.2.3 above, and for each Quality Plan Activity, the evaluation team will:

- a. read the portions of the Quality Plan and supporting documents submitted by the Bidder that are identified in the Cross Reference to Evidence of Compliance column;
- b. evaluate the quality of the documentation, and assess any associated risk to Canada, against the criteria specified in the Evaluation Criteria column;
- c. award points for quality in accordance with the criteria provided for each activity in the Evaluation Criteria column;
- d. award points for risk in accordance with the Risk Evaluation Criteria provided in Table 2 of Annex H; and
- e. determine the total points for the Activity by adding the points awarded for quality and the points awarded for risk.

The Total Points Awarded will then be calculated by summing the total points awarded for each Activity.

Bidders must achieve a minimum of 280 points in order for their bids to be deemed compliant. Bids that do not obtain the minimum mandatory 280 points, will be declared non-responsive and will not be evaluated further.

4.3.2.2 Corporate Environmental, Health and Safety Evaluation

By referring to the Point Rated Technical Requirements – Corporate Environmental Health and Safety Evaluation Criteria, submitted by the Bidder in accordance with Article 3.2.4 above, for each Activity, the evaluation team will:

- a. read the documentation submitted by the Bidder that is identified in the Cross Reference to Evidence of Compliance column;
- b. assess the compliance of the documentation against the criteria specified in the Evaluation Criteria column;
- c. award points in accordance with the criteria provided for each Activity in the Evaluation Criteria column.

The Total Points Awarded will then be calculated by summing the points awarded for each Activity.

The required minimum points for EHS is sixty (60) of an available one hundred (100) points. Bids that do not obtain the minimum mandatory points, will be declared non-responsive and will not be evaluated further.

4.4 Financial Evaluation

4.4.1 Mandatory Financial Criteria

- a. The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.
- b. The financial bids will be evaluated based on pricing received from Bidders in Annex I (Appendix I1).

4.5 Basis of Selection – Lowest Price per Point

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation;
 - b. meet all mandatory technical evaluation criteria; and
 - c. obtain the required minimum points for the technical evaluation criteria which are subject to point rating.
2. Bids not meeting a. or b. or c. will be declared non-responsive, and receive no further consideration. Neither the responsive bid that receives the highest number of points nor the one that proposed the lowest price will necessarily be accepted. The responsive bid with the lowest evaluated price per point will be recommended for award of a contract.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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

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

Solicitation No. - N° de l'invitation
W8476-206172/A
Client Ref. No. - N° de réf. du client
W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

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

The Bidder should provide this certification as per the template provided in Annex J

PART 6 – FINANCIAL AND OTHER REQUIREMENTS

6.1 Financial Capability

SACC Manual clause [A9033T](#) (2012-07-16) Financial Capability

6.2 Insurance Requirements

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

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

PART 7 – RESULTING CONTRACT CLAUSES

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

7.1 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex A.

7.1.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annexes A and B of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

7.1.2 Task Authorization

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a DND 626 Task Authorization . The Work described in the DND 626 Task Authorization must be in accordance with the scope of the Contract.

7.1.2.1 Task Authorization Process

1. The Procurement Authority will provide the Contractor with a description of the task using the "DND 626, Task Authorization Form" specified in Annex D.
2. The DND 626 Task Authorization) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The DND 626 Task Authorization will also include the applicable basis (bases) and methods of payment as specified in the Contract.
3. The Contractor must provide the DND Procurement Authority, within 14 calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.
4. The Contractor must not commence work until a DND 626 Task Authorization authorized by the Contracting Authority or Procurement Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a DND 626 Task Authorization has been received will be done at the Contractor's own risk.

7.1.2.2 Task Authorization Limit

The Procurement Authority may authorize individual DND 626 Task Authorizations up to a limit of \$100,000.00, Applicable Taxes included, inclusive of any revisions.

Any task authorization to be issued in excess of that limit must be authorized by the Procurement Authority and the Contracting Authority before issuance.

7.1.2.3 Canada's Obligation - Portion of the Work - Task Authorizations

Canada's obligation with respect to the portion of the Work under the Contract that is performed through task authorizations is limited to the total amount of the actual tasks performed by the Contractor.

7.1.2.4 Task Authorization - Department of National Defence

The administration of the Task Authorization process will be carried out by the Procurement Authority. This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

7.2 Standard Clauses and Conditions

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

7.2.1 General Conditions

[2030 \(2020-05-28\)](#), General Conditions - Higher Complexity - Goods, apply to and form part of the Contract.

7.2.2 Warranty Period

Section 22 of General Condition 2030 (2020-05-28) is amended by replacing the period of 12 months by 24 months. All other provisions of the warranty section remain in effect.

7.2.3 Supplemental General Conditions

4007 (2010-08-16), Canada to Own Intellectual Property Rights in Foreground Information.

7.3 Security Requirements

There is no security requirement applicable to the Contract.

7.4 Term of Contract

7.4.1 Period of the Contract

The period of the Contract is from date of Contract Award to two (2) years later (*dates will be inserted at contract award*).

7.4.2 Delivery Date

All the deliverables must be received on or before _____ (*date will be inserted at contract award*)

7.4.3 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to two (2) additional one (1) year period(s) under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

7.5 Authorities

7.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Robert Lomas
Title: Contracting Authority
Public Works and Government Services Canada
Acquisitions Branch
Directorate: EMTSPD
Address: 11 rue Laurier, Gatineau QC K1A 0S5

Telephone: 613-404-4639
E-mail address: Robert.lomas@tpsgc-pwgsc.gc.ca

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

7.5.2 Technical Authority (Details to be inserted at contract award)

The Technical Authority for the Contract is:

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

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

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

7.5.3 Procurement Authority (Details to be inserted at contract award)

The Procurement Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: ____-____-_____
Facsimile: ____-____-_____
E-mail address: _____

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

7.5.4 Quality Assurance Authority (Details to be inserted at contract award)

The Quality Assurance Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: ____ - ____ - ____
E-mail address: _____

DQA is the Quality Assurance Authority of the Department of National Defence for whom the work is being carried out under this Contract. DQA is responsible to monitor the Supplier's Quality Management System to provide confidence that the Supplier has the ability to fulfill the quality requirements in the Contract.

7.5.5 Contractor's Representative (Details to be inserted at contract award)

The Contractor's Representative for the Contract is:

Name: _____
Title: _____
Address: _____
Telephone: ____ - ____ - ____
E-mail address: _____

Bidders to provide name, title, telephone number and email address

7.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a [Public Service Superannuation Act](#) (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with [Contracting Policy Notice: 2012-2](#) of the Treasury Board Secretariat of Canada.

7.7 Payment

7.7.1 Basis of Payment

7.7.1.1 Firm Unit Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price(s) as specified in Annex B. Customs duties are included and Applicable Taxes are extra.

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

7.7.1.2 Individual Task Authorizations

The Contractor will be paid for the Work specified in the authorized task authorization, in accordance with the Basis of payment at Annex B.

Canada's liability to the Contractor under the authorized task authorization must not exceed the limitation of expenditure or ceiling price specified in the authorized task authorization. Custom duties are included and Applicable Taxes are extra.

No increase in the liability of Canada or in the price of the Work specified in the authorized task authorization resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

7.7.2 Travel and Living Expenses

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive and with the other provisions of the directive referring to "travellers", rather than those referring to "employees". Canada will not pay the Contractor any incidental expense allowance for authorized travel.

All travel must have the prior authorization of the Technical Authority.

All payments are subject to government audit.

7.7.3 Limitation of Expenditure

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

7.7.4 Method of Payment – Multiple Payments

Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada; and

-
- c. the Work delivered has been accepted by Canada.

7.7.5 Invoicing Instructions – Multiple Payments

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

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

2. Invoices must be distributed as follows:
 - a. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
 - b. One (1) copy must be forwarded to the Procurement Authority identified under the section entitled "Authorities" of the Contract.
 - c. One (1) copy must be forwarded to the consignee.

7.7.6 Method of Payment – Progress Payments

1. Canada will make progress payments in accordance with the payment provisions of the Contract (Annex B), no more than once a month, for cost incurred in the performance of the Work, up to 90% of the amount claimed and approved by Canada if:
 - a. an accurate and complete claim for payment using form [PWGSC-TPSGC 1111](#), Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
 - b. the amount claimed is in accordance with the Basis of Payment;
 - c. the total amount for all progress payments paid by Canada does not exceed 10 percent of the total amount to be paid under the Contract; and
 - d. all certificates appearing on form [PWGSC-TPSGC 1111](#) have been signed by the respective authorized representatives.
2. The balance of the amount payable will be paid in accordance with the payment provisions of the Contract upon completion and delivery of all work required under the Contract if the Work has been accepted by Canada and a final claim for the payment is submitted.
3. Progress payments are interim payments only. Canada may conduct a government audit and interim time and cost verifications and reserves the rights to make adjustments to the Contract from time to time during the performance of the Work. Any overpayment resulting from progress payments or otherwise must be refunded promptly to Canada.

7.7.7 Invoicing Instructions – Progress Payment Claim

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

Each claim must show:

- a. all information required on form PWGSC-TPSGC 1111; and
- b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions.

Each claim must be supported by:

- a. a copy of the invoices, receipts, vouchers for all direct expenses, travel and living expenses; and
 - b. any other information requested from the Contracting Authority.
2. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous claims for progress payments
 3. The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Technical Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

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

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

7.7.8 Section 427 of Bank Act

1. If any lien under section 427 of the Bank Act, S.C. 1991, c. 46, exists in respect to any materials, parts, work-in-process, or finished work for which the Contractor intends to claim payment, the Contractor agrees to inform the Contracting Authority without delay and agrees, unless instructed otherwise by the Contracting Authority, either:
 - a. to cause the bank to remove such lien and to provide the Contracting Authority with written confirmation from the bank; or
 - b. to provide to the Contracting Authority an undertaking from the bank that the bank will not make any claim under section 427 of the Bank Act on materials, parts, work-in-process, or finished work in respect of which payment is made to the Contractor under the Contract.
2. Failure to inform the Contracting Authority of such lien or failure to implement paragraph a. or b. above will constitute default under the default section of the general conditions and will entitle Canada to terminate the Contract.

7.7.9 Discretionary Audit

C0705C (2010-01-11), Discretionary Audit.

7.8 Certifications and Additional Information

7.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information

are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

7.8.2 Federal Contractors Program for Employment Equity - Default by the Contractor

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

7.8.3 SACC Manual Clauses

B4019C (2015-02-25)	United States Military Specifications and Standards
B7500C (2006-06-16)	Excess Goods
C2606C (2008-05-12)	Custom Duties and Excise Taxes - Exemption
C2611C (2007-11-30)	Custom Duties – Contractor Importer
C2801C (2017-08-17)	Priority Rating - Canadian Contractors
C6000C (2017-08-17)	Limitation of Price
D0050C (2007-05-25)	End User Certificate
D5510C (2017-08-17)	Quality Assurance Authority (DND) - Canadian-based Contractor
D5606C (2017-11-28)	Release Documents (DND) - Canadian-based Contractor
D9002C (2007-11-30)	Incomplete Assemblies

7.9 Applicable Laws

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

7.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the supplemental general conditions 4007 (2010-08-16), Canada to Own Intellectual Property Rights in Foreground Information;
- (c) the general conditions 2030 (2020-05-28), General Conditions – Goods (Higher Complexity);
- (d) Annex A, Statement of Work;
- (e) Annex B, Basis of Payment;
- (f) Annex G, Insurance Requirements;
- (g) the signed Task Authorizations (including all annexes, if any);
- (h) the Contractor's bid dated (date to be specified in the resulting Contract).

7.11 Defence Contract.

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

7.12 Insurance Requirements

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

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

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best Rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

7.13 Controlled Goods Program

SACC Manual clause A9131C (2014-11-27)
SACC Manual clause B4060C (2011-05-16)

7.14 Quality Assurance

SACC Manual clause D5540C (2019-05-30)

D5540C (2010-08-16) is amended by replacing the third paragraph with, "The Contractor's quality management system must address all requirements appropriate to the scope of the Work. Only exclusions in accordance with clause 1.2 of ISO 9001 are acceptable." All other provisions remain in effect.

7.15 Preparation for Delivery – Canadian-based Contractor

1. Preservation and packaging of goods must be in accordance with the Canadian Forces packaging specification D-LM-008-001/SF-001, and must be marked to D-LM-008-002/SF-001. Form Level B Package Data Form Required must be in accordance with D-LM-008-011/SF-001.
2. Packaging data forms previously approved by Canadian authorities are acceptable.
3. Approved coded packaging data is shown immediately below the description of the item to which it applies. Where no data is shown, the Contractor must submit a packaging data form for approval.
4. The Contractor must package all Contract line item numbers in quantities of one (1) per package.

7.16 Preparation for Delivery – Canadian Forces Packaging Specifications

The Contractor must prepare Contract line item numbers 001 and 002 for delivery in accordance with the latest issue of the Canadian Forces packaging specifications D-LM-008-035/SF-001, Electrostatic Discharge Protective Packaging – Electronic Parts, Assemblies and Equipment.

7.17 Shipping Instructions – Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid (DDP) to 7 CFSD, Edmonton, Alberta Incoterms 2010 for shipments from a commercial contractor.

7.18 Shipping Instructions

1. The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (7 CFSD Lancaster Park, Edmonton, Alta). Unless otherwise directed, delivery must be made by the most

economical means. Shipping charges must be shown as a separate item on the Contractor's invoice. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and Applicable Taxes.

2. The Contractor must deliver the goods to the following Canadian Forces (CF) Supply Depot, at the address below, by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at 780-973-4011 Extension 4524. The consignee may refuse shipments when prior arrangements have not been made.

7 CF Supply Depot – Receipts Section
CFB Edmonton,
195 Avenue and 82 Street – Building 236,
Edmonton, Alberta, Canada
T5J 4J5

Attention: SLOC 001

7.19 Release Documents

1. Unless otherwise directed by the Department of National Defence (DND) Quality Assurance Authority, the signature of the DND Quality Assurance Representative on the release document is not required.
2. Material must be released for shipment using either DND form CF 1280, Certificate of Release, Inspection and Acceptance, or a release document containing the same information. The Contractor must prepare the release document(s).
3. For return of repair and overhaul material to the Defence Supply Chain, use forms DND 2227/DND 2228 in lieu of DND form CF 1280.

7.20 Release Documents – Distribution

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

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

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
Attention: (Details to be inserted at contract award)

- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For all non-Canadian contractors, one (1) copy to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca

7.21 Dispute Resolution

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

ANNEX A

**STATEMENT OF WORK FOR THE
PRODUCTION OF
SWITCH AND CIRCUIT BREAKER UNIT (SCBU),
SCBU DRIVER'S SWITCH, AND
SIGNAL ENTRY PANEL (SEP)**

W8476-206172

Date: 21 AUGUST 2020

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LIST OF APPENDICES

- Appendix A1: Contract Data Requirements List
- Appendix A2: Data Item Descriptions
- Appendix A3: Government Furnished Equipment
- Appendix A4: Personnel Requirements

1.0 SCOPE

1.1 Purpose

1.1.1 The purpose of this Statement of Work (SOW) is to describe the requirements and work required from the Contractor by the Department of National Defence (DND) for the supply of goods and services to meet the requirements for the production of Switch and Circuit Breaker Units (SCBU); SCBU Driver's Switches; and Signal Entry Panels (SEP). This requirement will consist of the build of the equipment and if necessary engineering services to address required design changes.

1.2 Background

1.2.1 The SCBU, SCBU Driver's Switch and SEP are components of the Satellite Communications (Satcom)-On-The-Move (SOTM) system that is installed in Light Armoured Vehicles (LAV). The SCBU, SCBU Driver's Switch and SEP have been designed under a separate DND contract, and their designs have been documented in Technical Data Packages which provide explicit design specifications through assembly drawings and sub-assembly drawings.

1.3 Intended Use

1.3.1 Switch and Circuit Breaker Unit

1.3.1.1 The SCBU monitors SOTM transmit and receive. It provides power to, and a circuit breaker for, the Vehicle Antennae Sub-System (VASS). The SCBU is installed near the rear hatch on the interior of the LAV. A representation of the SCBU is shown in Figure A-1 below.

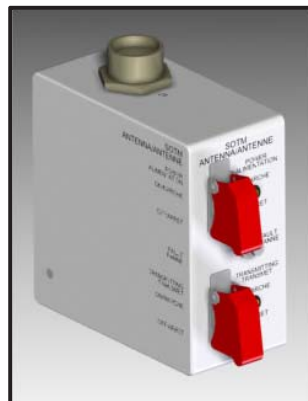


Figure A-1 Switch and Circuit Breaker Unit

1.3.2 SCBU Driver's Switch

1.3.2.1 The SCBU Driver's Switch monitors SOTM transmit. It provides for the interruption of power to the SOTM Block Up-Converter (BUC). It's installed in the driver's

compartment in the interior of the LAV. A representation of the SCBU Driver's Switch is shown in Figure A-2 below.

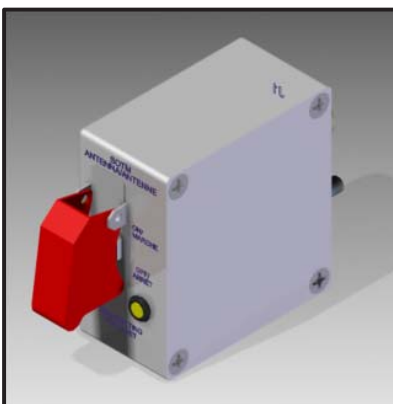


Figure A-2 SCBU Driver's Switch

1.3.3 Signal Entry Panel

1.3.3.1 The SEP provides for cable interface separation of the VASS and the Vehicle Equipment Sub-System (VESS). It is located on roadside rear antenna mounting location on the exterior of the LAV. The SEP's top plate is removable for antenna installation on top of the SEP. A representation of the SEP is shown in Figure A-3 below.

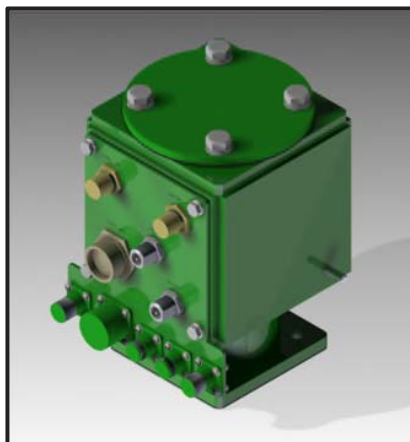


Figure A-3 Signal Entry Panel

1.4 List of Acronyms and Abbreviations

Abbreviation	Description
BOM	Bill of Material
BUC	Block Up-Converter
CA	Contracting Authority
CAD	Computer Aided Design
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
CLIN	Contract Line Item
CofC	Certificate of Conformance
COTS	Commercial Off The Shelf
DDP	Delivered Duty Paid
DID	Data Item Description
DL	Data List
DLCSPM	Directorate - Land Command Systems Program Management
DLP	Directorate - Land Procurement
DMC	De-militarization Code
DND	Department of National Defence
DSO	Directorate - Supply Chain Operations
e.g.	exempli gratia (for example)
EHS	Environmental Health and Safety
EMS	Environmental Management System
FAAP	First Article Approval Procedure
FAI	First Article Inspection
FAIR	First Article Inspection Report
FRP	Full Rate Production
GETS	Government Electronic Tendering System
GFE	Government Furnished Equipment
GFI	Government Furnished Information
GFM	Government Furnished Material
GIDEP	Government/Industry Data Exchange Program
GST	Goods and Services Tax
HST	Harmonized Sales Tax
HVAC	Heating, Ventilation and Air Conditioning
IAW	In accordance with
ID	Identifier
i.e.	id est (in other words)
ISO	International Organization for Standardization
ISS	In-Service Support
LAN	Local Area Network

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047qd
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Abbreviation	Description
LCSS	Land Command Support System
LCSS LE	Land Command Support System Life Extension
LRIP	Low Rate Initial Production
LRU	Line Repairable Unit
MAFA	Months After Full Rate Production Approval
MRB	Manufacturer's Review Board
MSD	Moisture Sensitive Device
MSDS	Material Safety Data Sheet
NATO	North Atlantic Treaty Organization
NCAGE	NATO Contractor and Government Entity
NDA	Non-Disclosure Agreement
NDHQ	National Defence Headquarters
NDID	National Defence Index of Documentation
NDQAR	National Defence Quality Assurance Representative
No.	Number
NSCM	NATO Supply Code for Manufacturers
NSN	NATO Stock Number
OEM	Original Equipment Manufacturer
OHSMS	Occupational Health and Safety Management System
OPI	Office of Primary Interest
PA	Procurement Authority
PCB	Polychlorobiphenyl
PDF	Portable Document Format
PL	Parts List
PM	Project Manager
PM	Project Management
PN	Part Number
POC	Point of Contact
PPE	Personal Protective Equipment
PRM	Progress Review Meeting
PSCN	Permanent System Control Number
PSPC	Public Services and Procurement Canada
QA	Quality Assurance
QAC	Quality Assurance Code
QAR	Quality Assurance Representative
QMS	Quality Management System
Qty	Quantity
RCA	Root Cause Analysis
RDD	Required Delivery Date
RFP	Request for Proposal
SACC	Standard Acquisition Clauses and Conditions
Satcom	Satellite Communications
SCBU	Switch and Circuit Breaker Unit
SE	System Engineering

Abbreviation	Description
SEP	Signal Entry Panel
SOP	Standard Operating Procedure
SOTM	Satcom-On-The-Move
SOW	Statement of Work
SPC	Statistical Process Control
STE	Special Test Equipment
TA	Technical Authority
TDP	Technical Data Package
TLA	Top Level Assembly
TRM	Technical Review Meeting
UUT	Unit Under Test
VASS	Vehicle Antenna Sub-system
VDC	Volts Direct Current
VESS	Vehicle Equipment Sub-system
WBS	Work Breakdown Structure
WIP	Work in Progress
XML	Extensible Markup Language

Figure A-4 Acronyms and Abbreviations

1.5 Terminology

1.5.1 Analysis – an element of verification that utilizes established technical evaluation or mathematical models or simulations, algorithms, calculations, charts, graphs, representative data, or other scientific principles and procedures to provide evidence that stated requirements are met. See also Certification, Demonstration, Inspection, Test, and Verification.

1.5.2 Certification – an element of verification that utilizes already existing, previously completed, detailed, and customer approved qualification Tests, including procedures and results, for products or components of products determined to be Military-off-the-Shelf (MOTS) or Commercial-off-the-Shelf (COTS), to provide evidence that the stated requirements are met. See also Analysis, Demonstration, Inspection, Test, and Verification.

1.5.3 Demilitarization – the total destruction of an item through action such as mutilation, smelting, cutting, tearing, scratching, breaking, punching, and neutralizing. Total destruction means that an item cannot be restored or repaired to a useable condition and that no information on the characteristics, performance or manufacturing of the item can be extracted.

1.5.4 Demonstration – an element of verification consisting of actual operation, adjustment, or re-configuration of items to provide evidence through observation under specific scenarios that the requirements are met. The demonstration may require some simple quantitative measurements such as time to perform tasks or dimensions. See also Analysis, Certification, Inspection, Test, and Verification.

1.5.5 Inspection – an element of verification not involving the use of special tools and gauges. The inspection is an examination of a product design, product, process or installation. See also Analysis, Certification, Demonstration, Inspection, Test and Verification.

1.5.6 Root Cause – A factor is considered a Root Cause if removal thereof from the problem-fault-sequence prevents the undesirable consequence from recurring with certainty; whereas a causal factor is one that affects an event's outcome, but is not a Root Cause. Though removing a causal factor can benefit an outcome, it does not prevent its recurrence with certainty.

1.5.7 Test – an element of verification consisting of determining through technical means the measurable properties or elements of items, including functional operation, and involving the application of established scientific principles and procedures, to provide evidence through the collection, analysis, and evaluation of quantitative data that stated requirements are met. See also Analysis, Certification, Demonstration, Inspection, and Verification.

1.5.8 Validate – Validation is an action performed to establish and document that a product, service, or system result in a product, service, or system that meets the operational needs of the user.

1.5.9 Verify – Verification is an action performed to establish and to document that a product, service, or system meets a set of specifications.

1.5.10 Work – Within this SOW, Work includes but is not limited to all manufacturing, assembly, Test, debug, repair, delivery and other activities needed to fulfill the requirements specified in the Statement of Work. (Note that this is an amplification to the interpretation of the term “work” in General Condition 2030).

1.5.11 Working Days and Work Days – Monday through Friday minus the following statutory holidays:

- 1.5.11.1 New Year's Day (January).
- 1.5.11.2 Family Day (February).
- 1.5.11.3 Good Friday (April).
- 1.5.11.4 Easter Monday (April),
- 1.5.11.5 Victoria Day (May).
- 1.5.11.6 Fête Nationale (June).
- 1.5.11.7 Canada Day (July).
- 1.5.11.8 Civic Holiday (August).
- 1.5.11.9 Labour Day (September).
- 1.5.11.10 Thanksgiving Day (October).
- 1.5.11.11 Remembrance Day (November).
- 1.5.11.12 Christmas Day (December).
- 1.5.11.13 Boxing Day (December).

2.0 APPLICABLE DOCUMENTS

2.1 References

2.1.1 Where mentioned, the following specifications, standards and publications must be used for the preparation of deliverables to the extent specified in this SOW.

2.1.1.1 DND Specifications, Standards, and Publications

Reference	Promulgation	Reference Title
D-02-006-008/SG-001	1985-05-16	The Design Change, Deviation and Waiver Procedure
D-LM-008-001/SF-001	1986-06-30	Methods of Packaging
D-LM-008-002/SF-001	1991-08-01	Specification for Marking for Storage and Shipment
D-LM-008-011/SF-001	1988-11-10	Preparation and Use of Packaging Requirement Codes
D-LM-008-035/SF-001	1992-05-01	Electrostatic Discharge Protective Packaging – Electronic Parts, Assemblies and Equipment
D-LM-008-036/SF-000	2013-12-01	Department of National Defence Minimum Requirements for Manufacturer's Standard Pack
		Technical Data Package, SCBU Assembly, Main, SOTM
		Technical Data Package, SCBU Switch, Driver
		Technical Data Package, Signal Entry Panel Assembly, SOTM

Figure A-5 DND Specifications, Standards and Publications

2.1.1.2 Other Standards and Publications

IPC/WHMA-A-620C	2017-01	Requirements and Acceptance for Cable and Wire Harness Assemblies
ISO 10005	2018	Quality management systems – Guidelines for quality plans
ISO 14001	2015	Environmental Management Systems; Requirements with Guidance for Use
ISO 9001	2015	Quality Management Systems – Requirements
MIL-STD-129P	2002-12	Military Marking for Shipment and Storage
S.C. 1999, c. 33	1999-09-14	Canadian Environmental Protection Act
SAE AS9102B	2014-10-06	Aerospace First Article Inspection Requirement

2.2 Order of Precedence

2.2.1 In the event that there is a conflict between the content of a document referenced in this SOW, and the SOW or the Technical Data Packages (TDP), the content of the document appearing first in the following list takes precedence over the content of any document that appears subsequently in the list:

Solicitation No. - N° de l'invitation
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W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

2.2.1.1 TDP
2.2.1.2 SOW
2.2.1.3 Document referenced in the SOW

3.0 GENERAL REQUIREMENTS

3.1 Scope of Work

3.1.1 This Statement of Work describes a combined “off-the-shelf” and “build-to-print” initiative. The off-the-shelf requirements involve standard procurement of commercially available products, whereas the more significant build-to-print requirements necessitate application of mature manufacturing and testing expertise to produce products in accordance with (IAW) government-furnished design specifications.

3.1.2 There are no deliverable product design requirements associated with the Work. The product designs already exist. These documented designs are provided to the Contractor as Government Furnished Information (GFI). The build-to-print requirements specified herein are largely associated with the essential manufacturing and Test processes.

3.1.3 The essential build-to-print work is primarily to:

3.1.3.1 understand the intricacies of the existing product designs from a manufacturing and Test perspective, and

3.1.3.2 employ existing mature manufacturing and Test capabilities, tailored and/or augmented as necessary, to produce and deliver high quality products.

3.2 Production

3.2.1 The Contractor must supply SCBUs, SCBU Driver's Switches and SEPS that meet all the requirements identified in Annex A and the TDPs.

3.2.2 The Contractor must conduct the Work at the facilities identified in their bid.

3.2.3 The Contractor must establish and execute production separately for the SCBU, SCBU Driver's Switch and SEP, by way of three sequential phases as follows:

3.2.3.1 Initialization

3.2.3.2 Low Rate Initial Production (LRIP), and

3.2.3.3 Full Rate Production (FRP).

3.2.4 Figure A-6 below depicts the production phases (white boxes), and the major production milestones (black diamonds) that the Contractor must achieve in order to progress from one phase to the next (left to right).

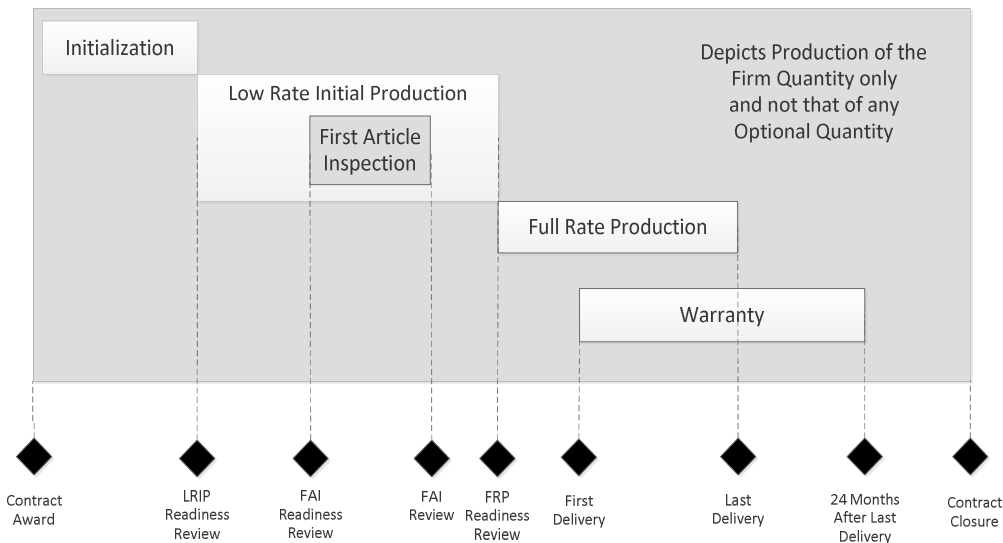


Figure A-6 Production Phases and Milestones

3.2.5 Initialization

3.2.5.1 The Initialization Phase involves the following processes:

3.2.5.1.1 Establish and Verify personnel qualifications as necessary.

3.2.5.1.2 Establish, Verify and Validate production facilities and infrastructure as necessary.

3.2.5.1.3 Establish and Verify production capabilities and processes.

3.2.5.2 Personnel Qualifications

3.2.5.3 During Initialization, the Contractor must establish the qualifications and competencies that are required of personnel engaged by the Contractor to conduct the Work. The Contractor must maintain such qualifications and competencies throughout the Contract.

3.2.5.3.1 The Contractor must provide, at the request of the Technical Authority (TA), Verification of the qualifications of Contractor and sub-contractor personnel that are employed to conduct the Work.

3.2.5.3.2 The Contractor must be capable of providing personnel with the needed education and experience to perform Additional Work at the contracted rates specified in Annex B for the particular skill set specified in Appendix A4.

3.2.5.4 Facilities and Infrastructure

3.2.5.4.1 During Initialization, the Contractor must establish, Verify and Validate the facilities and infrastructure to accommodate all manufacturing, assembly, Test, debug, repair and delivery capabilities including the necessary clean workspace, electrical power, and appropriate Heating, Ventilation and Air Conditioning (HVAC).

3.2.5.4.2 The Contractor must ensure that electric power and air quality (i.e. cleanliness) do not negatively impact the conduct of manufacturing and Test, or the operation of manufacturing or Test equipment.

3.2.5.5 Establish Production Capabilities and Processes

3.2.5.5.1 During Initialization, the Contractor must establish and Verify all production capabilities and processes necessary to manufacture, assemble, Test, debug, repair and deliver products IAW the TDP and all approved design changes and deviations, and the approved Quality Plan.

3.2.5.5.2 The Contractor must perform all required preventive and corrective maintenance on manufacturing, assembly, Test, debug, repair and delivery capabilities so as to ensure high production quality and minimize disruption.

3.2.5.5.3 At the request of the TA, the Contractor must provide the preventive maintenance schedule for any manufacturing, assembly, Test, debug, repair and delivery capabilities, and Verify that required maintenance and calibration have been completed.

3.2.5.5.4 Should maintenance or calibration intervals need to be shortened, or lengthened for any reason, the Contractor must provide this information to the TA when known.

3.2.5.6 Government Furnished Equipment and Information

3.2.5.6.1 The TA will provide Government Furnished Equipment (GFE) identified in Appendix A3 to the Contractor, within two (2) months after Contract Award. Canada will not provide additional GFE. All GFE will be accounted for on a DND Loan Account.

3.2.5.6.2 The Contractor must use, care for and identify GFE IAW the General Condition articles of the Contract.

3.2.5.6.3 The TA will provide to the Contractor, the DND specifications, standards and publications identified in Paragraph 2.1.1.1 above at Contract Award.

3.2.5.6.4 No later than two (2) months prior to Contract completion, the TA will provide the Contractor a list of GFE and GFI to be returned. The Contractor must return all GFE and GFI, shipping paid, per the General Conditions of the Contract.

3.2.6 Low Rate Initial Production

3.2.6.1 After receiving approval to do so via a LRIP Readiness Review, the Contractor must produce the LRIP product quantity.

3.2.6.2 Canada accepts the risk of component or material change associated with the Contractor, upon contract award, ordering all authorized components and material required to produce the quantities specified in Figure A-13 in Section 9.0 below for LRIP and FRP. However, should the Contractor choose to produce quantities beyond the authorized LRIP quantities, before receiving authorization via the FRP Readiness Review to proceed to FRP, the Contractor does so at its own risk. The TA will not accept product delivery until FAI has been successfully completed and all corrective measures have been approved and instituted per Paragraphs 5.1.2.2.7.1.2, 5.2.2.2.7.1.2 and 5.3.2.2.7.1.2 below .

3.2.6.3 Commission Production Capabilities and Processes

3.2.6.3.1 During LRIP, the Contractor must commission and Validate all production capabilities and processes, established to manufacture, assemble, Test, debug, repair and deliver products IAW the approved Quality Plan.

3.2.6.4 First Article Inspection

3.2.6.4.1 First Article Inspection (FAI) affords the Contractor and Canada an early opportunity to identify and address issues that would be costlier to address in terms of time and/or money if discovered during FRP.

3.2.6.4.2 After receiving approval to do so via an FAI Readiness Review, the Contractor must conduct product FAI that demonstrates that the following have been achieved:

3.2.6.4.2.1 Product design and specification requirements are properly understood, accounted for, Verified, and documented.

3.2.6.4.2.2 Product component parts and component material comply with specifications per Section 8.0 below.

3.2.6.4.2.3 All LRIP production capabilities and processes are repeatable and produce products that meet acceptance and quality control requirements, and are therefore acceptable for FRP.

3.2.6.4.3 The Contractor must submit a First Article Approval Procedure (FAAP) IAW with CDRL Item No. 006 at Appendix A1 to Annex A and its associated DID SE-001 at Appendix A2 to Annex A.

3.2.6.4.4 The Contractor must conduct FAI IAW with the approved (FAAP).

3.2.6.4.5 The Contractor must employ Contractor Quality Assurance (QA) personnel to conduct FAI. FAI will be witnessed by the TA or designated TA representatives.

3.2.6.4.6 The Contractor must conduct FAI at the Contractor's facility, a government facility, or third party facility at the discretion of the TA.

3.2.6.4.7 The Contractor must document FAI results in a First Article Inspection Report (FAIR). Approval of the FAIR constitutes approval of first articles.

3.2.7 Full Rate Production

3.2.7.1 Once FAI has been successfully completed through conduct of a FAI Review and approval of the FAIR, the Contractor must baseline all Contractor and subcontractor production capabilities and processes used to conduct the Work.

3.2.7.2 The Contractor must not alter the baselined production capabilities and processes without prior TA authorization.

3.2.7.3 If the TA approves a Contractor-requested change to baselined production capabilities or processes, any costs associated with implementing or validating the change (e.g. an additional FAI process), must be borne by the Contractor.

3.2.7.4 After receiving approval to do so via an FRP Readiness Review, the Contractor must employ the baselined production capabilities and processes, less FAI, to produce the FRP product quantities.

3.2.7.5 Build To Print

3.2.7.5.1 The Contractor must manufacture the SCBU, SCBU Driver's Switch and SEP IAW with the TDPs listed in Figure A-5 above, plus all authorized design changes and deviations listed in Figure B-3 of Annex B.

3.2.7.5.2 The Contractor must not deviate from the TDPs unless explicitly authorized to do so by way of a design change, deviation or waiver approved per Section 7.0 below.

3.2.7.6 Traceability

3.2.7.6.1 The Contractor must cross-reference each SCBU, SCBU Driver's Switch and SEP batch to the batch number of each of its COTS components.

3.2.7.7 Statistical Process Control

3.2.7.7.1 The Contractor must use Statistical Process Control (SPC) to monitor and control quality during production by examining the relative contribution of different causes leading to reject or failure of Top Level Assemblies (TLA) and components.

3.2.7.7.2 The Contractor must include SPC findings in the Progress Report.

3.2.7.8 Control of Nonconforming Product

3.2.7.8.1 The Contractor must ensure that all nonconforming TLAs, subassemblies and components are not released to manufacturing or delivered to Canada.

3.2.7.9 Debug and Repair

3.2.7.9.1 The Contractor must debug and repair components IAW standards referenced in Annex A.

3.2.7.9.2 For faults that cannot be repaired following these standards, the Contractor must propose a repair method to the TA and receive TA approval before proceeding with the repair.

3.2.7.9.3 The Contractor must, upon completion of repairs, re-enter the repaired components, into the manufacturing and Test process.

3.2.7.9.4 The Contractor must process product that is recalled for rework due to defects discovered after delivery in the same manner as faulty pre-delivery product, unless Canada approves a waiver per Section 7.0 below.

3.2.7.10 Test Data Capture, Analysis and Reporting

3.2.7.10.1 Test data capture, Analysis and reporting is essential to the quality of the manufacturing process. Accurate Test data from all steps in the Test process facilitates Analysis and early identification of negative trends, which in turn permits early identification of the Root Cause(s) and the implementation of appropriate corrective measures, thereby minimizing undesirable consequences.

3.2.7.10.2 The Contractor must capture and analyze all Test data, and produce reports per the following subparagraphs:

3.2.7.10.2.1 The Contractor must record and report Test results for Testing as specified throughout Section 5.0 below.

3.2.7.10.2.2 The Contractor must supply the Test, debug and repair recording and/or reporting equipment necessary to conduct Test failure debug and repair.

3.2.7.10.2.3 The Contractor must supply the hardware, software and expertise necessary to:

3.2.7.10.2.3.1 host and organize all captured Test data;

3.2.7.10.2.3.2 analyze the Test data so as to demonstrate compliance with Testing requirements, and identify failure trends.

3.2.7.10.2.4 The Contractor must report failure trends in the Progress Report.

3.2.7.11 Problem Resolution

3.2.7.11.1 Following a Root Cause Analysis (RCA) technique, such as the one described in Section 3.2.7.12 below, the Contractor must perform and document problem resolution of:

3.2.7.11.1.1 production process problems encountered;

3.2.7.11.1.2 Test failures for which debugging per Section 3.2.7.9 above has been unsuccessful; and

3.2.7.11.1.3 negative Test data trends identified per Paragraph 3.2.7.10.2.3.2 above;

3.2.7.11.2 The Contractor's RCA must:

3.2.7.11.2.1 identify the Root Cause(s) of such problems, failures and negative trends, and

3.2.7.11.2.2 develop corrective measures that resolve the problems and failures, and reverse the negative trends, and will prevent with certainty their reoccurrence.

3.2.7.12 Root Cause Analysis

3.2.7.12.1 RCA is a problem resolution method used for identifying the Root Causes (See Paragraph 1.5.6 above) of faults or problems.

3.2.7.12.2 RCA forms the most critical part of determining successful corrective measures by directing the corrective measures at the true Root Cause of the problem. Knowing the Root Cause is secondary to the goal of prevention, as it is not possible to determine an absolutely effective corrective measure for the defined problem without knowing the Root Cause. The general process for performing and documenting a RCA is as follows:

3.2.7.12.2.1 Define the problem or failure to be prevented in the future.

3.2.7.12.2.2 Gather data and evidence, classifying it along a timeline of events to the problem or failure. For every behaviour, condition, action and inaction, specify in the "timeline" what should have been done when it differs from what was done.

3.2.7.12.2.3 Ask "why" and identify the causes associated with each sequential step towards the defined problem or failure. "Why" is taken to mean "What were the factors that directly resulted in the effect?"

3.2.7.12.2.4 Classify causes into two categories: causal factors that relate to an event in the sequence; and Root Causes that interrupted that step of the sequence chain when eliminated.

- 3.2.7.12.2.5 Identify all other harmful factors that have equal or better claim to be called "Root Causes." If there are multiple Root Causes, which is often the case, reveal those clearly for later optimum selection.
- 3.2.7.12.2.6 Identify corrective measure(s) that will, with certainty, prevent recurrence of each harmful effect and related outcomes or factors. Check that each corrective action would, if pre-implemented before the event, have reduced or prevented specific harmful effects.
- 3.2.7.12.2.7 Test the recommended corrective measure(s).

3.2.7.13 **Production Line Down Notification**

- 3.2.7.13.1 The Contractor must notify the TA within forty-eight (48) hours of a production line down situation. This applies to both LRIP and FRP. The Contractor must specify to the TA:
 - 3.2.7.13.1.1 the reason for the line down situation,
 - 3.2.7.13.1.2 the length of time the production line is expected to be down,
 - 3.2.7.13.1.3 corrective measures being implemented,
 - 3.2.7.13.1.4 expected date of return to partial or full production,
 - 3.2.7.13.1.5 impact on delivery schedule, and
 - 3.2.7.13.1.6 how the Contractor proposes to recover from any delivery reduction during the line-down situation.

3.2.7.14 **Stop Work Action**

- 3.2.7.14.1 Suspension or stopping of Work is governed by the General Conditions of the Contract.

3.3 **Warranty**

- 3.3.1 Warranty is governed by the General Conditions of the Contract.
- 3.3.2 The Contractor must, for each SCBU, SCBU Driver's Switch and SEP returned under warranty:
 - 3.3.2.1 conduct TLA Testing per Section 5.0 below, as applicable;
 - 3.3.2.2 conduct Debug and Repair and/or Replacement per Section 3.2.7.9 above;
 - 3.3.2.3 re-conduct TLA Testing per Section 5.0 below, as applicable;

3.3.2.4 capture Test data per Section 3.2.7.10 above; and

3.3.2.5 provide a Warranty Repair Report IAW with CDRL Item No. 015 at Appendix A1 to Annex A and its associated DID ISS-001 at Appendix A2 to Annex A.

3.3.3 The Contractor must analyze accumulated warranty Test, debug and repair data per Section 3.2.7.10 above, and report all negative trends to the TA.

3.3.4 The Contractor must conduct a Problem Resolution per Section 3.2.7.11 above for all negative trends identified per Paragraph 3.3.3 above.

3.4 Environmental Requirements

3.4.1 Substances listed under Prohibition of Certain Toxic Substances Regulations (SOR/2012-285) of the Canadian Environmental Protection Act (CEPA) must not be incorporated in any part of the equipment.

3.4.2 Asbestos and asbestos containing products must not be incorporated in any part of the equipment, in accordance with the Prohibition of Asbestos and Products containing Asbestos Regulations (SOR/2018-196) of the CEPA.

3.4.3 Halocarbons that are incorporated into the design of equipment, must comply with the Federal Halocarbon Regulations (SOR/2003-289) of the CEPA and the Ozone-depleting Substances and Halocarbon Alternative Regulations (SOR/2016-137) of the CEPA. If such substances must be used, the Contractor must:

3.4.3.1 Inform the Technical Authority by identifying the substance(s),

3.4.3.2 Identify the specific location within the equipment and its concentration.

3.4.4 Mercury that is present in any part of the equipment, must comply with the mercury content limit as identified in the Products Containing Mercury Regulations (SOR/2014-254) of the CEPA. If such substances must be used, the Contractor must:

3.4.4.1 Inform the Technical Authority by identifying the substance(s),

3.4.4.2 Identify the specific location within the equipment and its concentration.

3.4.5 Polychlorobiphenyl (PCBs) that are present in any part of the equipment, must comply with the PCB Regulations (SOR/2008-273) of the CEPA. If such substances must be used, the Contractor must:

3.4.5.1 Inform the Technical Authority by identifying the substance(s),

3.4.5.2 Identify the specific location within the equipment and its concentration

3.4.6 The Contractor must implement and maintain an Environmental Management System (EMS) which is consistent with the principles presented in ISO 14001. Certification to this standard is preferred but not mandatory. The Contractor must, however, have a formalized set of procedures and control measures in place to demonstrate environmental compliance and minimize environmental impact of the work.

4.0 PROJECT MANAGEMENT

4.1 Project Management Program

4.1.1 This section identifies the Contractor's obligation to establish and maintain a project management capability to meet the requirements of the Contract.

4.1.2 The Contractor must implement and maintain a project management program for the duration of the Contract.

4.1.3 The Contractor must closely coordinate all activities to ensure optimized production.

4.1.4 The Contractor must designate a Project Manager (PM) at the Kick off Meeting, (See Section 4.5.3 below) with the responsibilities to coordinate, execute and manage the Contractor's project management program for the Contract.

4.1.5 The Contractor's PM must have total responsibility and authority to coordinate, execute and manage all Work required under the Contract.

4.2 Data Exchange Management

4.2.1 The Contractor must implement a data exchange management program to control access and delivery of Contract data and deliverable data.

4.2.2 Deliverable data is specified in the Contract Data Requirements List at Appendix A1 and the Data Item Descriptions in Appendix A2, and is summarized in Figure A-7 below.

CDRL Item Number	DID ID Number	Title
001	PM-001	Project Schedule
002	PM-002	Agenda
003	PM-003	Minutes
004	PM-004	Progress Report
005	PM-005	Action Item Report
006	SE-001	First Article Approval Procedure
007	SE-002	First Article Inspection Report – SCBU
008	SE-002	First Article Inspection Report – SCBU Driver's Switch
009	SE-002	First Article Inspection Report – SEP
010	SE-003	Quality Plan
011	SE-004	Design Change / Deviation
012	SE-005	Request for Waiver
013	SE-006	Request for Additional Work
014	SE-007	Delivery Report
015	ISS-001	Warranty Repair Report

Figure A-7 Deliverable Data

4.2.3 The Contractor must communicate with the Contracting Authority (CA), Procurement Authority (PA) and Technical Authority (TA) via telephone and email, and submit Data Deliverables via email.

4.2.4 The Contractor must establish an on-line capability that facilitates secure electronic exchange between the Contractor and CA, TA and PA of electronic files that are too large to transmit via email.

4.3 Risk Management

4.3.1 The Contractor must have in place a framework, processes, and measures to effectively manage and mitigate risk.

4.3.2 The Contractor must identify risk in the Progress Report.

4.4 Project Schedule

4.4.1 The Contractor must prepare, deliver, implement and update a Project Schedule IAW CDRL Item No. 001 at Appendix A1 to Annex A and its associated DID PM-001 at Appendix A2 to Annex A.

4.4.2 Once approved and baselined by Canada, the Project Schedule must be the governing document for scheduling activities.

4.4.3 See Paragraph 1.5.11 above for the definition of "Working Days". Due date adjustments will not be made for Contractor compressed workweeks, although every effort will be made not to schedule activities like meetings on compressed workweek days off. Due Date adjustments will be considered for one annual plant shutdown for vacation.

4.5 Project Meetings

4.5.1 Meetings' Organization and Coordination

4.5.1.1 The Contractor must ensure that data, personnel and facilities are available for each meeting.

4.5.1.2 The Contractor's PM must be present at all meetings.

4.5.1.3 If the Contractor's PM does not have final approval authority for decision making and changes, then the person that has that final approval authority must also be present at all meetings.

4.5.1.4 Meetings must be at pre-determined times agreed by the parties.

4.5.1.5 If the scheduled meeting conflicts with other obligations, then the Contractor must notify Canada in writing and present a work-around plan.

4.5.1.6 The Contractor may propose video or telephone conferences in lieu of face-to-face meetings when convenient.

4.5.1.6.1 Face-to-face meetings will normally be held at the Contractor's facility.

4.5.1.6.2 Videoconferences are appropriate to meetings of less than one (1) day duration and not requiring hands-on access to equipment or data.

4.5.1.6.3 Telephone conferences are applicable when there are fewer than six (6) people involved and the duration is not more than one (1) hour.

4.5.2 Meeting Documentation

4.5.2.1 The Contractor must prepare agenda(s) for all meetings IAW CDRL Item No. 002 at Appendix A1 to Annex A and its associated DID PM-002 at Appendix A2 to Annex A.

4.5.2.2 The Contractor must record, prepare and deliver minutes of every meeting IAW CDRL Item No. 003 at Appendix A1 to Annex A and its associated DID PM-003 at Appendix A2 to Annex A.

4.5.2.3 No change to the SOW, Technical Specification, cost and schedule as defined in the Contract, may be authorized by the minutes of a meeting. Such action requires formal contract amendment by the CA.

4.5.3 Kick-off Meeting

4.5.3.1 The Contractor must hold and chair a Kick-off meeting at the Contractor's facility no later than twenty-one (21) calendar days after Contract Award to review and secure a common understanding of the requirements expressed in the following:

4.5.3.1.1 the Contract,

4.5.3.1.2 general overview of the project, risks, schedule and communication channels to follow, and

4.5.3.1.3 other contractual and programmatic issues associated with the Work as agreed between the TA, PA, CA and the Contractor.

4.5.3.2 For planning purposes, up to ten (10) Government representatives will attend the Kick-off Meeting. The names of the government representatives attending the Kick-off Meeting will be provided by the TA.

4.5.4 Progress Review Meetings

4.5.4.1 The Contractor must hold and chair a Progress Review Meeting (PRM) every month starting one (1) month after the Kick-off meeting. The Contractor's PM must attend all PRMs.

4.5.5 Technical Review Meetings

4.5.5.1 The Contractor must hold the following Technical Review Meetings (TRM):

4.5.5.1.1 Low Rate Initial Production (LRIP) Readiness Review Meetings, to assess readiness to commence LRIP.

4.5.5.1.2 First Article Inspection (FAI) Readiness Review Meetings, to assess readiness to conduct FAI;

4.5.5.1.3 First Article Inspection (FAI) Review Meetings, to address non-conformances documented in First Article Inspection Reports, and the institution of corrective measures.

4.5.5.1.4 Full Rate Production (FRP) Readiness Review Meetings, to assess readiness to commence FRP.

4.5.6 Other Meetings

4.5.6.1 The Contractor and the TA may schedule informal reviews, such as teleconferences, video conferences, briefings and technical interchange meetings, as required to achieve the requirements under the Contract.

4.5.7 Contract Closeout Meeting

4.5.7.1 The Contractor must hold a Contract Closeout Meeting to close out the project. Details of the Closeout Meeting, as well as the number and names of government representatives attending the meeting, will be provided by the TA.

4.6 Project Documentation

4.6.1 Progress Reports

4.6.1.1 The Contractor must submit Progress Reports that describe the conduct and progress of the Work IAW CDRL Item No. 004 at Appendix A1 to Annex A and its associated DID PM-004 at Appendix A2 to Annex A.

4.6.1.2 The Progress Report must focus on issues, concerns and the actions taken to address each.

4.6.2 Action Items Report

4.6.2.1 The Contractor must establish and maintain an action items database to track action items resulting from meetings held between the Contractor and Canada.

4.6.2.2 The action items database must include all follow-up action items required by members of the Project Meetings.

4.6.2.3 The Contractor must maintain in the action items database a history of all actions related to addressing each action item for the duration of the Contract.

4.6.2.4 The Contractor must deliver an updated Action Items Report IAW with CDRL Item No. 005 at Appendix A1 to Annex A and its associated DID PM-005 at Appendix A2 to Annex A.

5.0 PRODUCTION

5.1 Switch and Circuit Breaker Unit

5.1.1 Initialization

The Contractor must establish the personnel qualifications, facilities, infrastructure, capabilities and processes per Section 3.2.5 above to conduct SCBU production IAW Sections 5.1.2 and 5.1.3 below.

5.1.1.1 Personnel Qualifications

5.1.1.1.1 The Contractor must establish the personnel qualifications required to conduct cable assembly, testing and inspection as specified in Section 5.1.3.2 below.

5.1.1.2 Lead Time

5.1.1.2.1 The Contractor must conduct a Lead Time review of SCBU components per Section 8.1 below within two (2) weeks after receipt of authority, via Contract Award or Contract Amendment, to produce the firm quantity or an optional additional quantity of SCBUs.

5.1.1.3 LRIP Readiness Review

5.1.1.3.1 Once Initialization has been completed, the Contractor must conduct a SCBU LRIP Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.1 above.

5.1.1.3.2 At the SCBU LRIP Readiness Review the Contractor must Verify that the following are ready to fulfill production requirements specified in Sections 5.1.2 and 5.1.3 below:

5.1.1.3.2.1 Facilities and Infrastructure: have been established and Verified per Section 3.2.5.4 above.

5.1.1.3.2.2 Production Capabilities and Processes: have been established and Verified per Section 3.2.5.5 above.

5.1.1.3.2.3 Government Furnished Equipment and Information: has been provided per Paragraph 3.2.5.6 above.

5.1.1.3.2.4 Draft FAAP: has been delivered per Paragraph 3.2.6.4.3 above.

5.1.1.3.2.5 Personnel Qualifications: have been established and Verified per Paragraph 5.1.1.1 above.

5.1.1.3.2.6 Lead Time Review: has been conducted per Paragraph 5.1.1.2 above.

5.1.1.3.2.7 Final Quality Plan: has been delivered and approved per Paragraph 6.1.2 below.

5.1.2 Low Rate Initial Production

5.1.2.1 After receiving approval to do so via the SCBU LRIP Readiness Review, the Contractor must produce SCBU LRIP quantities as specified in Figure A-13 in Section 9.0 below.

5.1.2.2 First Article Inspection

5.1.2.2.1 The Contractor must conduct SCBU FAI IAW Section 3.2.6.4 above and the following paragraphs.

5.1.2.2.2 Sample FAI Units

5.1.2.2.2.1 The Contractor must provide five (5) sample SCBUs for FAI. The samples must be randomly selected from the LRIP quantity (See Figure A-13 in Section 9.0 below).

5.1.2.2.2.2 The Contractor must ship the samples to a Canadian location for further Inspection if requested by the TA.

5.1.2.2.3 FAI Readiness Review

5.1.2.2.3.1 The Contractor must conduct a SCBU FAI Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.2 above.

5.1.2.2.3.2 At the SCBU FAI Readiness Review the Contractor must Verify the following:

5.1.2.2.3.2.1 Final FAAP: has been submitted per Paragraph 3.2.6.4.3 above, and approved by the TA.

5.1.2.2.3.2.2 SCBU LRIP: has been completed per Paragraph 5.1.2.1 above

5.1.2.2.3.2.3 Sample SCBU FAI Units: have been provided per Section 5.1.2.2.2 above.

5.1.2.2.4 First Article Inspection – Conduct

5.1.2.2.4.1 After receiving approval to do so, the Contractor must conduct SCBU FAI IAW the approved FAAP.

5.1.2.2.4.2 Certificates of Conformance

5.1.2.2.4.2.1 The Contractor must obtain CofCs for the SCBU components specified in the FAAP per Section 8.2.4 below.

5.1.2.2.4.2.2 During FAI the Contractor must produce any such CofC for examination, at the request of the TA.

5.1.2.2.4.3 Test Data

5.1.2.2.4.3.1 The Contractor must obtain Test data for the SCBU components as identified in the FAAP, indicating that they have passed Testing.

5.1.2.2.4.3.2 During FAI the Contractor must produce any such Test data for examination, at the request of the TA.

5.1.2.2.5 First Article Inspection Report – Submission

5.1.2.2.5.1 The Contractor must document the conduct of SCBU FAI in the SCBU FAIR IAW with CDRL Item No. 009 at Appendix A1 to Annex A and its associated DID SE-002 at Appendix A2 to Annex A.

5.1.2.2.6 First Article Inspection Review

5.1.2.2.6.1 Once the SCBU FAI has been completed the Contractor must conduct a SCBU FAI Review Meeting with the TA, per Paragraph 4.5.5.1.3 above.

5.1.2.2.6.2 The Draft SCBU FAIR must have been delivered per Paragraph 5.1.2.2.5 above prior to SCBU FAI Review Meeting.

5.1.2.2.7 First Article Inspection Report – Approval

5.1.2.2.7.1 TA approval of the SCBU FAIR constitutes:

5.1.2.2.7.1.1 successful completion of SCBU FAI,

5.1.2.2.7.1.2 approval to institute corrective measures documented in the SCBU FAIR, and

5.1.2.2.7.1.3 establishment of the SCBU production baseline per Section 3.2.7 above.

5.1.2.2.8 FRP Readiness Review

5.1.2.2.8.1 Once FAIR corrective measures have been instituted, the Contractor must conduct a SCBU FRP Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.4 above.

5.1.2.2.8.2 At the SCBU FRP Readiness Review the Contractor must Verify the following:

5.1.2.2.8.2.1 SCBU Production Capabilities and Processes: have been commissioned and Validated per Section 3.2.6.3 above.

5.1.2.2.8.2.2 SCBU FAI Review Meeting: has been conducted per Section 5.1.2.2.6 above.

5.1.2.2.8.2.3 Final SCBU FAIR: has been approved per Section 5.1.2.2.7 above.

5.1.3 Full Rate Production

5.1.3.1 After receiving approval to do so via the SCBU FRP Readiness Review Meeting, the Contractor must:

5.1.3.1.1 deliver the SCBU LRIP batch per Section 9.0 below, and

5.1.3.1.2 conduct SCBU FRP IAW Section 3.2.7 above, to produce the SCBU FRP quantities specified at Figure A-13 in Section 9.0 below.

5.1.3.2 Cable Assembly Testing

5.1.3.2.1 The Contractor must test 100% of the following cable assembly types:

- 5.1.3.2.1.1 Cable Assembly, J1, SCBU, PN 1698881;
- 5.1.3.2.1.2 Cable Assembly, J2, SCBU, PN 1698882;
- 5.1.3.2.1.3 Cable Assembly, J3, SCBU, PN 1698883;
- 5.1.3.2.1.4 Cable Assembly, RLY-87 TO TB-4, SCBU, PN 1698884;
- 5.1.3.2.1.5 Cable Assembly, RLY-30 TO TB-1, SCBU, PN 1698885;
- 5.1.3.2.1.6 Cable Assembly, SW1-3 TO TB-1, SCBU, PN 1698886;
- 5.1.3.2.1.7 Cable Assembly, SW1-1 TO CB-2, SCBU, PN 1698887;
- 5.1.3.2.1.8 Cable Assembly, SW2-1 TO TB-5/LED1-1, SCBU, PN 1698888; and
- 5.1.3.2.1.9 Cable Assembly, LED2-1 TO TB-8, SCBU, PN 1698889.

5.1.3.2.2 The Contractor must test each cable assembly after assembly and prior to installation in the SCBU.

5.1.3.2.3 The Contractor must supply the necessary equipment to test cable assemblies.

5.1.3.2.4 The Contractor must conduct the following Cable Assembly Testing IAW the specified sections of IPC/WHMA-A-620C:

- 5.1.3.2.4.1 Continuity Testing: in accordance with IPC/WHMA-A-620B Section 19.5.1 Class 2;
- 5.1.3.2.4.2 Shorts Testing: in accordance with IPC/WHMA-A-620B Section 19.5.2 Class 2 (Note: Section 19-5 of IPC/WHMA-A-620C states that this test is not required if DWV or IR Test is performed);
- 5.1.3.2.4.3 Dielectric Withstanding Voltage (DWV)/Hi Pot: in accordance with IPC/WHMA-A-620B Section 19.5.3 Class 2;
- 5.1.3.2.4.4 Insulation Resistance (IR): in accordance with IPC/WHMA-A-620B Section 19.5.4 Class 2;
- 5.1.3.2.4.5 Mechanical Testing:
 - 5.1.3.2.4.5.1 Pull Force/Tensile Testing: in accordance with IPC/WHMA-A-620B Section 19.7.2. Class 2;

- 5.1.3.2.4.5.2 Crimp Tool Qualification: in accordance with IPC/WHMA-A-620B Section 19.7.4 Class 2; and
- 5.1.3.2.4.5.3 Contact Retention Verification: in accordance with IPC/WHMA-A-620B Section 19.7.5 Class 2.
- 5.1.3.2.4.5.4 Torque Tool Confirmation: in accordance with standard daily procedures to verify the associated torque tool.
- 5.1.3.2.4.6 Inspection: in accordance with IPC/WHMA-A-620B.
- 5.1.3.2.5 The Contractor must conduct the tests specified in Section 5.1.3.2.4 above on cable assembly types identified in Section 5.1.3.2.1 above as specified in Figure A-8 below.

Cable Assembly / Connector		Test								
Cable Assembly	Connector	Continuity Testing	Shorts Testing	Dielectric Withstand Voltage (DWV)/Hi Pot	Insulation Resistance	Mechanical Testing				Inspection
						Pull Force/Tensile Testing	Crimp Tool Qualification	Contact Retention Verification	Torque Tool Confirmation	
Cable Assembly, J1, SCBU, PN 1698881	Terminal Ring CB-1	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-2	✓	✓	✓	✓	✓	✓			✓
	Circular Mil Connector J1	✓	✓	✓	✓	✓		✓		✓
Cable Assembly, J2, SCBU, PN 1698882	Terminal Ring TB-3	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-4	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-5	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-6	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-8	✓	✓	✓	✓	✓	✓			✓
	Circular Mil Connector J2	✓	✓	✓	✓	✓		✓		✓
Cable Assembly, J3, SCBU, PN 1698883	Circular Mil Connector J3	✓	✓	✓	✓	✓		✓		✓
	Female Disconnect RLY-85	✓	✓	✓	✓	✓	✓			✓
	Female Disconnect SW2-3	✓	✓	✓	✓	✓	✓			✓
	Female Disconnect LED1-2	✓	✓	✓	✓	✓	✓			✓
	Female Disconnect LED2-2	✓	✓	✓	✓	✓	✓			✓
	Female Disconnect TB-3	✓	✓	✓	✓	✓	✓			✓
Cable Assembly, RLY-87 TO TB-4, SCBU, PN 1698884	Female Disconnect RLY-87	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-4	✓	✓	✓	✓	✓	✓			✓
Cable Assembly, RLY-30 TO TB-1, SCBU, PN 1698885	Female Disconnect RLY-30	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-1	✓	✓	✓	✓	✓	✓			✓

Cable Assembly / Connector		Test								
Cable Assembly	Connector	Continuity Testing	Shorts Testing	Dielectric Withstand Voltage (DWV)Hi Pot	Insulation Resistance	Mechanical Testing				Inspection
						Pull Force/Tensile Testing	Crimp Tool Qualification	Contact Retention Verification	Torque Tool Confirmation	
Cable Assembly, SW1-3 TO TB-1, SCBU, PN 1698886	Female Disconnect SW1-3	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-1	✓	✓	✓	✓	✓	✓			✓
Cable Assembly, SW1-1 TO CB-2, SCBU, PN 1698887	Female Disconnect SW1-1	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring CB-2	✓	✓	✓	✓	✓	✓			✓
Cable Assembly, SW2-1 TO TB-5/LED1-1, SCBU, PN 1698888	Female Disconnect SW2-1	✓	✓	✓	✓	✓	✓			✓
	Female Disconnect LED1-1	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-5	✓	✓	✓	✓	✓	✓			✓
Cable Assembly, LED2-1 TO TB-8, SCBU, PN 1698889	Female Disconnect LED2-1	✓	✓	✓	✓	✓	✓			✓
	Terminal Ring TB-8	✓	✓	✓	✓	✓	✓			✓

Figure A-8 Cable Assembly Test Requirements

5.1.3.3 TLA Testing

5.1.3.3.1 After assembly, the Contractor must Test 100% of the SCBU Assemblies per Figure A-9 and Figure A-10 below as a minimum. Refer to Drawing 1586505.

5.1.3.3.2 The Contractor must supply the necessary equipment to test SCBUs.

Continuity Test

1. Remove the cover of the unit under test.
2. Set a digital multimeter to the 200 OHMS or equivalent position.
3. Connect the digital multimeter leads to the locations as indicated in the table below. For Connector J1, J2 and J3 locations, connect the multimeter to the external connector pins.
4. Measure and tabulate the results, and indicate the Pass/Fail Status.

Test No.	Location 1	Location 2	Expected Result	Observed Result	Pass/Fail
1.01	J1-B	CB-1	Short		
1.02	J1-D	TB-2	Short		
1.03	J3-A	RLY-85	Short		
1.04	J3-B	SW2-3	Short		
1.05	J3-C	RLY-86	Short		
1.06	J2-A	TB-4	Short		
1.07	J2-B	TB-8	Short		
1.08	J2-C	TB-8	Short		
1.09	J2-D	TB-3	Short		
1.10	J2-E	TB-5	Short		
1.11	J2-F	TB-3	Short		
1.12	J2-G	TB-6	Short		
1.13	J2-H	TB-6	Short		
1.14	CB-2	SW1-1	Short		
1.15	SW1-3	TB-1	Short		
1.16	SW2-1	TB-5	Short		
1.17	RLY-30	TB-1	Short		
1.18	TB-8	LED2-1	Short		
1.19	RLY-87	TB-4	Short		
1.20	LED1-1	SW2-1	Short		
1.21	LED1-2	RLY-86	Short		
1.22	LED2-2	RLY-86	Short		
1.23	TB-6	TB-7	Short		
1.24	TB-3	RLY-86	Short		

Figure A-9 SCBU Assembly Continuity Testing

Switch Test

1. Apply 0 or 28 VDC to the external connector pins of J1-B and J3-A as indicated in the table below.
2. Set switches to On/Off positions as indicated in the table below.
3. Set a digital multimeter to the VDC or equivalent position.
4. Connect the digital multimeter leads to the external connector pins of J2-A, J2-B, J2-C, J2-E and J3-B as indicated in the table below.
5. Measure and tabulate the results, and indicate the Pass/Fail Status.

Test No.	Condition				Expected Result						Observed Result					Pass/Fail
	J1-B	J3-A	SW-1	SW-2	J2-A/B/C	J2-E	J3-B	LED1	LED2	J2-A/B/C	J2-E	J3-B	LED1	LED2		
2.01	0 VDC	0 VDC	Off	Off	0 VDC	0 VDC	0 VDC	Off	Off							
2.02	0 VDC	0 VDC	Off	On	0 VDC	0 VDC	0 VDC	Off	Off							
2.03	0 VDC	0 VDC	On	Off	0 VDC	0 VDC	0 VDC	Off	Off							
2.04	0 VDC	0 VDC	On	On	0 VDC	0 VDC	0 VDC	Off	Off							
2.05	28 VDC	0 VDC	Off	Off	0 VDC	0 VDC	0 VDC	Off	Off							
2.06	28 VDC	0 VDC	Off	On	0 VDC	0 VDC	0 VDC	Off	Off							
2.07	28 VDC	0 VDC	On	Off	0 VDC	28 VDC	0 VDC	On	Off							
2.08	28 VDC	0 VDC	On	On	0 VDC	28 VDC	0 VDC	On	Off							
2.09	28 VDC	28 VDC	Off	Off	0 VDC	0 VDC	0 VDC	Off	Off							
2.10	28 VDC	28 VDC	Off	On	0 VDC	0 VDC	0 VDC	Off	Off							
2.11	28 VDC	28 VDC	On	Off	0 VDC	28 VDC	0 VDC	On	Off							
2.12	28 VDC	28 VDC	On	On	28 VDC	28 VDC	28 VDC	On	On							

Figure A-10 SCBU Assembly Switch Testing

5.2 SCBU Driver's Switch

5.2.1 Initialization

5.2.1.1 The Contractor must establish the facilities, infrastructure, capabilities and processes per Section 3.2.5 above to conduct SCBU Driver's Switch production IAW Sections 5.2.2 and 5.2.3 below.

5.2.1.2 Lead Time

5.2.1.2.1 The Contractor must conduct a Lead Time review of SCBU Driver's Switch components per Section 8.1 below within two (2) weeks after receipt of authority, via Contract Award or Contract Amendment, to produce the firm quantity, or an optional additional quantity, of SCBU Driver's Switches.

5.2.1.3 LRIP Readiness Review

5.2.1.3.1 Once Initialization has been completed, the Contractor must conduct a SCBU Driver's Switch LRIP Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.1 above.

5.2.1.3.2 At the SCBU Driver's Switch LRIP Readiness Review the Contractor must Verify that the following are ready to fulfill production requirements specified in Sections 5.2.2 and 5.2.3 below:

5.2.1.3.2.1 Facilities and Infrastructure: have been established and Verified per Section 3.2.5.3 above.

5.2.1.3.2.2 Production Capabilities and Processes: have been established and Verified per Section 3.2.5.5 above.

5.2.1.3.2.3 Government Furnished Equipment and Information: has been provided per Section 3.2.5.6 above.

5.2.1.3.2.4 Draft FAAP: has been delivered per Paragraph 3.2.6.4.3 above.

5.2.1.3.2.5 Lead Time Review: has been conducted per Paragraph 5.2.1.2 above.

5.2.1.3.2.6 Final Quality Plan: has been delivered and approved per Paragraph 6.1.2 below.

5.2.2 Low Rate Initial Production

5.2.2.1 After receiving approval to do so via the SCBU Driver's Switch LRIP Readiness Review, the Contractor must produce SCBU Driver's Switch LRIP quantities as specified in Figure A-13 in Section 9.0 below.

5.2.2.2 First Article Inspection

5.2.2.2.1 The Contractor must conduct SCBU Driver's Switch FAI IAW Section 3.2.6.4 above and the following paragraphs.

5.2.2.2.2 Sample FAI Units

5.2.2.2.2.1 The Contractor must provide five (5) sample SCBU Driver Switches for FAI. The samples must be randomly selected from the LRIP quantity (See Figure A-13 in Section 9.0 below).

5.2.2.2.2.2 The Contractor must ship the samples to a Canadian location for further Inspection if requested by the TA.

5.2.2.2.3 FAI Readiness Review

5.2.2.2.3.1 The Contractor must conduct a SCBU Driver's Switch FAI Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.2 above.

5.2.2.2.3.2 At the SCBU Driver's Switch FAI Readiness Review the Contractor must Verify the following:

5.2.2.2.3.2.1 Final FAAP: has been submitted per Paragraph 3.2.6.4.3 above, and approved by the TA.

5.2.2.2.3.2.2 SCBU Driver's Switch LRIP: has been completed per Paragraph 5.2.2.1 above.

5.2.2.2.3.2.3 Sample SCBU Driver's Switch FAI Units: have been provided per Section 5.2.2.2.2 above.

5.2.2.2.4 First Article Inspection – Conduct

5.2.2.2.4.1 After receiving approval to do so, the Contractor must conduct SCBU Driver's Switch FAI IAW the approved FAAP.

5.2.2.2.4.2 Certificates of Conformance

5.2.2.2.4.2.1 The Contractor must obtain CofCs for the SCBU Driver's Switch components specified in the FAAP per Section 8.2.4 below.

5.2.2.2.4.2.2 During FAI the Contractor must produce any such CofC for examination, at the request of the TA.

5.2.2.2.4.3 Test Data

5.2.2.2.4.3.1 The Contractor must obtain Test data for the SCBU Driver's Switch components as identified in the FAAP, indicating that they have passed Testing.

5.2.2.2.4.3.2 During FAI the Contractor must produce any such Test data for examination, at the request of the TA.

5.2.2.2.5 First Article Inspection Report – Submission

5.2.2.2.5.1 The Contractor must document the conduct of the SCBU Driver's Switch FAI in the SCBU Driver's Switch FAIR IAW with CDRL Item No. 008 at Appendix A1 to Annex A and its associated DID SE-002 at Appendix A2 to Annex A.

5.2.2.2.6 First Article Inspection Review

5.2.2.2.6.1 Once the SCBU Driver's Switch FAI has been completed the Contractor must conduct a SCBU Driver's Switch FAI Review Meeting with the TA, per Paragraph 4.5.5.1.3 above.

5.2.2.2.6.2 The Draft SCBU Driver's Switch FAIR must have been delivered per Paragraph 5.2.2.2.5 above prior to the SCBU Driver's Switch FAI Review Meeting.

5.2.2.2.7 First Article Inspection Report – Approval

5.2.2.2.7.1 TA approval of the SCBU Driver's Switch FAIR constitutes:

5.2.2.2.7.1.1 successful completion of SCBU Driver's Switch FAI,

5.2.2.2.7.1.2 approval to institute corrective measures documented in the SCBU Driver's Switch FAIR, and

5.2.2.2.7.1.3 establishment of the SCBU Driver's Switch production baseline per Section 3.2.7 above.

5.2.2.2.8 FRP Readiness Review

5.2.2.2.8.1 Once FAIR corrective measures have been instituted, the Contractor must conduct a SCBU Driver's Switch FRP Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.4 above.

5.2.2.2.8.2 At the SCBU Driver's Switch FRP Readiness Review the Contractor must Verify the following:

5.2.2.2.8.2.1 SCBU Driver's Switch Production Capabilities and Processes: have been commissioned and Validated per Section 3.2.6.3 above.

5.2.2.2.8.2.2 SCBU Driver's Switch FAI Review Meeting: has been conducted per Section 5.2.2.2.6 above.

5.2.2.2.8.2.3 Final SCBU Driver's Switch FAIR: has been approved per Section 5.2.2.2.7 above.

5.2.3 Full Rate Production

5.2.3.1 After receiving approval to do so via the SCBU Driver's Switch FRP Readiness Review Meeting, the Contractor must:

5.2.3.1.1 deliver the SCBU Driver's Switch LRIP batch per Section 9.0 below, and

5.2.3.1.2 conduct SCBU Driver's Switch FRP IAW Section 3.2.7 above, to produce the SCBU Driver's Switch FRP quantities specified at Figure A-13 in Section 9.0 below.

5.2.3.2 **TLA Testing**

5.2.3.2.1 After assembly, the Contractor must Test 100% of the SCBU Driver's Switches per Figure A-11 below as a minimum. Refer to Drawing 1586509.

5.2.3.2.2 The Contractor must supply the necessary equipment to test SCBU Driver's Switches.

Continuity Test

1. Remove the cover of the unit under test.
2. Set the digital multimeter to the 200 OHMS or equivalent position.
3. Connect the digital multimeter leads to the locations as indicated in the table below. For Connector J1 locations, connect the multimeter to the external connector pins.
4. Measure and tabulate the results, and indicate the Pass/Fail Status.

Test No.	Location 1	Location 2	Expected Result	Observed Result	Pass/Fail
3.1	J1-B	SW-1	Short		
3.2	J1-A	SW-3	Short		
3.3	SW-3	LED-1	Short		
3.4	J1-A	LED-1	Short		
3.5	J1-C	LED-2	Short		

Switch Test

1. Apply 0 or 28 VDC to the external connector pins of J1-B as indicated in the table below.
2. Set switch to On/Off positions as indicated in the table below.
3. Set a digital multimeter to the VDC or equivalent position.
4. Connect the digital multimeter leads to the external connector pins of J1-A and J1-C as indicated in the table below.
5. Measure and tabulate the results, and indicate the Pass/Fail Status.

Test No.	Condition		Expected Result			Observed Result			Pass/Fail
	J1-B	SW-1	J1-A	J1-C	LED1	J1-A	J1-C	LED1	
4.1	0 VDC	Off	0 VDC	0 VDC	Off				
4.2	0 VDC	On	0 VDC	0 VDC	Off				
4.3	28 VDC	Off	0 VDC	0 VDC	Off				
4.4	28 VDC	On	28 VDC	28 VDC	On				

Figure A-11 SCBU Driver's Switch Continuity and Switch Testing

5.3 Signal Entry Panel

5.3.1 Initialization

5.3.1.1 The Contractor must establish the facilities, infrastructure, capabilities and processes per Section 3.2.5 above to conduct SEP production IAW Sections 5.3.2 and 5.3.3 below.

5.3.1.2 Lead Time

5.3.1.2.1 The Contractor must conduct a Lead Time review of SEP components per Section 8.1 below within two (2) weeks after receipt of authority, via Contract Award or Contract Amendment, to produce the firm quantity, or an optional additional quantity of SEPs.

5.3.1.3 LRIP Readiness Review

5.3.1.3.1 Once Initialization has been completed, the Contractor must conduct a SEP LRIP Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.1 above.

5.3.1.3.2 At the SEP LRIP Readiness Review the Contractor must Verify that the following are ready to fulfill production requirements specified in Sections 5.3.2 and 5.3.3 below:

5.3.1.3.2.1 Facilities and Infrastructure: have been established and Verified per Section 3.2.5.3 above.

5.3.1.3.2.2 Production Capabilities and Processes: have been established and Verified per Section 3.2.5.5 above.

5.3.1.3.2.3 Government Furnished Equipment and Information: has been provided per Section 3.2.5.6 above.

5.3.1.3.2.4 Draft FAAP: has been delivered per Paragraph 3.2.6.4.3 above.

5.3.1.3.2.5 Lead Time Review: has been conducted per Paragraph 5.3.1.2 above.

5.3.1.3.2.6 Final Quality Plan: has been delivered and approved per Paragraph 6.1.2 below.

5.3.2 Low Rate Initial Production

5.3.2.1 After receiving approval to do so via the SEP LRIP Readiness Review, the Contractor must produce SEP LRIP quantities as specified in Figure A-13 in Section 9.0 below.

5.3.2.2 First Article Inspection

5.3.2.2.1 The Contractor must conduct SEP FAI IAW Section 3.2.6.4 above and the following subparagraphs.

5.3.2.2.2 Sample FAI Units

5.3.2.2.2.1 The Contractor must provide five (5) sample SEPs for FAI. The samples must be randomly selected from the SCBU LRIP quantity (See Figure A-13 in Section 9.0 below).

5.3.2.2.2.2 The Contractor must ship the samples to a Canadian location for further Inspection if requested by the TA.

5.3.2.2.3 FAI Readiness Review

5.3.2.2.3.1 The Contractor must conduct a SEP FAI Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.2 above.

5.3.2.2.3.2 At the SEP FAI Readiness Review the Contractor must Verify the following:

5.3.2.2.3.2.1 Final FAAP: has been submitted per Paragraph 3.2.6.4.3 above, and approved by the TA.

5.3.2.2.3.2.2 SEP LRIP: has been completed per Paragraph 5.3.2.1 above.

5.3.2.2.3.2.3 Sample SEP FAI Units: have been provided per Section 5.3.2.2.2 above.

5.3.2.2.4 First Article Inspection – Conduct

5.3.2.2.4.1 After receiving approval to do so, the Contractor must conduct SEP FAI IAW the approved FAAP.

5.3.2.2.4.2 Certificates of Conformance

5.3.2.2.4.2.1 The Contractor must obtain CofCs for the SEP components specified in the FAAP per Section 8.2.4 below.

5.3.2.2.4.2.2 During FAI the Contractor must produce any such CofC for examination at the request of the TA.

5.3.2.2.5 First Article Inspection Report – Submission

5.3.2.2.5.1 The Contractor must document the conduct of the SEP FAI in the SEP FAIR IAW with CDRL Item No. 009 at Appendix A1 to Annex A and its associated DID SE-002 at Appendix A2 to Annex A.

5.3.2.2.6 First Article Inspection Review

5.3.2.2.6.1 Once the SEP FAI has been completed the Contractor must conduct a SEP FAI Review Meeting with the TA, per Paragraph 4.5.5.1.3 above.

5.3.2.2.6.2 The Draft SEP FAIR must have been delivered per Paragraph 5.3.2.2.5 above prior to the SEP FAI Review Meeting.

5.3.2.2.7 **First Article Inspection Report – Approval**

5.3.2.2.7.1 TA approval of the SEP FAIR constitutes:

- 5.3.2.2.7.1.1 successful completion of SEP FAI,
- 5.3.2.2.7.1.2 approval to institute corrective measures documented in the SEP FAIR, and
- 5.3.2.2.7.1.3 establishment of the SEP production baseline per Section 3.2.7 above.

5.3.2.2.8 **FRP Readiness Review**

5.3.2.2.8.1 Once FAIR corrective measures have been instituted, the Contractor must conduct a SEP FRP Readiness Review Meeting with the TA, per Paragraph 4.5.5.1.4 above.

5.3.2.2.8.2 At the SEP FRP Readiness Review the Contractor must include Verify the following:

- 5.3.2.2.8.2.1 SEP Production Capabilities and Processes: have been commissioned and Validated per Section 3.2.6.3 above.
- 5.3.2.2.8.2.2 SEP FAI Review Meeting: has been conducted per Section 5.3.2.2.6 above.
- 5.3.2.2.8.2.3 Final SEP FAIR: has been approved per Section 5.3.2.2.7 above.

5.3.3 **Full Rate Production**

5.3.3.1 After receiving approval to do so via the SEP FRP Readiness Review Meeting, the Contractor must:

- 5.3.3.1.1 deliver the SEP LRIP batch per Section 9.0 below, and
- 5.3.3.1.2 conduct SEP FRP, IAW Section 3.2.7 above, to produce the SEP FRP quantities specified at Figure A-13 in Section 9.0 below.

6.0 QUALITY ASSURANCE

6.1 Quality Management

6.1.1 The Contractor and sub-contractor facilities at which the Work takes place, must be Certified to, and comply with, the requirements of, ISO 9001 for the duration of the Contract.

6.1.2 The Contractor must provide a Quality Plan IAW with CDRL Item No. 010 at Appendix A1 to Annex A and its associated DID SE-003 at Appendix A2 to Annex A.

6.1.3 Note that CDRL Item No. 010 requires delivery of the first submission of the Quality Plan with the Contractor's bid.

6.1.4 The Quality Plan must explain how the Contractor will conform to the specified quality requirements of the Contract, and describe how the required quality activities are to be carried out, including quality assurance of subcontractors and suppliers.

6.1.5 The documents referenced in the Quality Plan must be made available when requested by the TA.

6.1.6 Upon acceptance of the Quality Plan by DND, the Contractor must implement the Quality Plan.

6.1.7 The Contractor must make appropriate, TA approved amendments to the Quality Plan throughout the Contract Period to reflect current and planned quality activities.

6.2 Quality Assurance, Audit and Site Access

6.2.1 With twenty-four (24) hours prior notice, the Contractor must provide the TA and designated TA representatives with access to the Work including:

6.2.1.1 all locations where the Work is conducted;

6.2.1.2 all data, metrics and reports associated with the Work;

6.2.1.3 Contractor personnel performing the Work;

6.2.1.4 Work-in-process and finished products; and

6.2.1.5 GFE and GFI.

7.0 CONFIGURATION MANAGEMENT

7.1 Design Changes, Deviations, Waivers and Additional Work

7.1.1 These procedures must be followed for any design change, deviation, waiver or additional Work.

7.1.1.1 When Canada Requests a Design Change, Deviation or Additional Work:

7.1.1.1.1 The TA will provide the CA with a description of the design change, deviation or additional work in sufficient detail to allow the Contractor to respond by documenting the impact on Contract requirements, price and schedule.

7.1.1.1.2 The CA will then forward the description to the Contractor.

7.1.1.1.3 The Contractor must complete the appropriate form as follows, and submit the completed form to the CA for evaluation and negotiation:

7.1.1.1.3.1 DND 672 Design Change / Deviation IAW with CDRL Item No. 011 at Appendix A1 to Annex A and its associated DID SE-004 at Appendix A2 to Annex A,

7.1.1.1.3.2 DND 675 Waiver IAW with CDRL Item No. 012 at Appendix A1 to Annex A and its associated DID SE-005 at Appendix A2 to Annex A, or

7.1.1.1.3.3 PWGSC-TPSGC 1379 Work Arising IAW with CDRL Item No. 013 at Appendix A1 to Annex A and its associated DID SE-006 at Appendix A2 to Annex A.

7.1.1.1.4 The completed form must document the following:

7.1.1.1.4.1 any impact of the design change, deviation, waiver or additional work on the requirements of the Contract;

7.1.1.1.4.2 a price breakdown of the cost (increase or decrease) associated with the implementation of the design change or deviation, or performance of the additional work; and

7.1.1.1.4.3 a schedule to implement the design change or deviation, or perform the additional work, and the impact on the Contract delivery schedule.

7.1.1.1.5 For Design Changes / Deviations and Waivers - Once agreement has been reached DND 672 and DND 675 forms must be signed by all parties in the appropriate signature blocks. This constitutes the written authorization for the Contractor to proceed with the work, and the Contract will be amended accordingly.

7.1.1.1.6 For Additional Work - Once agreement has been reached DND will issue a DND 626. This constitutes written authorization for the Contractor to proceed with the additional work.

7.1.1.2 When the Contractor requests a Design Change, Deviation, Waiver or Additional Work:

7.1.1.2.1 The Contractor must provide the CA with a description of the design change, deviation, waiver or additional work in sufficient detail for review by Canada.

7.1.1.2.2 The CA will forward the description to the TA for review.

7.1.1.2.3 If Canada agrees that a design change, deviation, waiver or additional work is required, then the procedures detailed in Paragraph 7.1.1.1 must be followed.

7.1.1.2.4 The CA will inform the Contractor in writing if Canada determines that the design change, deviation, waiver or additional work is not required.

7.1.1.3 **Approval**

7.1.1.3.1 The Contractor must not proceed with any design change, deviation, waiver or additional work without the written authorization of the CA.

7.1.1.3.2 Any work performed without the CA's written authorization will be considered outside the scope of the Contract and no payment will be made for such work.

8.0 SUPPLY CHAIN MANAGEMENT

8.1 Lead Time

8.1.1 The Contractor must review the TDP Bills of Material (BOM) and identify all long lead-time components that could impact the delivery schedule. All Parts Lists defined within the TDPs must be considered BOMs.

8.1.2 The Contractor must report all long lead-time issues in the Progress Report.

8.2 Condition of Component Parts and Component Material

8.2.1 The Contractor must use only component parts and component material that are new production of current manufacture supplied by the principal manufacturer or its accredited agent.

8.2.2 All component parts and component material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, in effect on the bid closing date, or as revised by way of a design change, deviation or waiver approved per Section 7.0 above. The Contractor must not use component parts and component materials that have been refurbished or are certified as "equal to new quality".

8.2.3 To confirm that they comply with specifications detailed in drawings and this SOW, the Contractor must obtain Test data, as applicable, and conduct First Article Inspections of Build-to-Print assemblies and sub-assemblies, and modified COTS components, as specified in Section 3.2.6.4 above, and the following subparagraphs:

8.2.3.1 SCBU assemblies and subassemblies per Section 5.1.2.2 above.

8.2.3.2 SCBU Driver's Switch assemblies and subassemblies per Section 5.2.2.2 above.

8.2.3.3 SEP assemblies and subassemblies per the Section 5.3.2.2 above.

8.2.4 The Contractor must also obtain Certificates of Conformance (CofC) for COTS component parts and component material, certifying that they comply with specifications, and present them for examination as specified in the following subparagraphs:

8.2.4.1 SCBU component parts and component material per Section 5.1.2.2.4.2 above.

8.2.4.2 SCBU Driver's Switch component parts and component material per Section 5.2.2.2.4.2 above.

8.2.4.3 SEP component parts and component material per Section 5.3.2.2.4.2 above.

8.3 Substitute Component Parts and Component Material

8.3.1 The Contractor must use only component parts and component material that are of the identical description, brand name, model and/or part number as specified in the TDP, or in a design change, deviation or waiver approved per Section 7.0 above.

8.3.2 The Contractor must not use component parts and component material that are not specified in the TDP or an authorized design change, deviation or waiver.

8.4 Obsolescence

8.4.1 In order to support the acquisition of optional quantities, Canada may undertake last-time-buys of CLIN components that are forecasted to become obsolete. The Contractor must keep current regarding obsolescence and last-time-buy notifications of all component parts and component material. Obsolescence issues must be reported in the Progress Report.

8.4.2 The Contractor must advise the TA:

8.4.2.1 within five (5) Working days of discovering that a component part or component material is or will become unobtainable due to obsolescence, thereby impacting the Firm Quantities production.

8.4.2.2 within twenty (20) Working days of discovering that a component part or component material is or will become unobtainable due to obsolescence, thereby potentially impacting production of any Optional Additional Quantity.

8.4.3 The Contractor must research options, such as last-time-buys and substitute items, for component parts and component material becoming obsolete, and provide the TA with a recommended solution.

8.4.4 The Contractor must gain approval for use of substitute component parts and substitute component material by way of a design change or deviation per Section 7.0 above.

8.4.5 The Contractor must request approval to proceed with a last-time-buy by way of a request for additional work per Section 7.0 above. Canada will estimate component last-time-buy quantities based on knowledge at that time regarding its requirements. Canada may, but is not obligated to procure any CLIN additional quantity requirement upon which a component last-time-buy was based.

8.4.6 The Contractor must warehouse and appropriately Inspect and/or maintain last-time-buy component parts and component material until used for the intended purpose, or deliver them to Canada, as approved by the TA.

8.5 Incoming Inspection

8.5.1 The Contractor must institute and execute an incoming Inspection program to:

-
- 8.5.1.1 Inspect supplier-provided COTS component parts and component material, and accompanying documentation (e.g. CofC and Test data) to ensure the components meet specifications;
- 8.5.1.2 Inspect subcontractor-provided build-to-print component parts and modified COTS component parts, and accompanying documentation (e.g. CofC and Test data), to ensure that component parts comply with all requirements and characteristics specified in this SOW and the associated component part drawings; and
- 8.5.1.3 identify and remove from the production process, component parts and component material that do not comply with specifications, or are faulty, past their expiration date, or counterfeit.
- 8.5.2 The Contractor must conduct incoming Inspection on 100% of the following SCBU, SCBU Driver's Switch and SEP component parts:
- 8.5.2.1 all COTS component parts, and
- 8.5.2.2 all build-to-print and modified COTS component parts that are sub-contracted for manufacture.

9.0 ACCEPTANCE PROCESS AND CRITERIA

9.1 Preparation for Delivery

9.1.1 All deliverable items must be prepared for delivery and shipped IAW the Preparation for Delivery, Delivery at Destination, Transportation, and Release Document requirements of the Contract.

9.1.2 The Contractor must apply and position markings on shipping containers and interior containers per Paragraphs 3.7.1, 3.10.2, 3.11.1 and 3.11.9 of D-LM-008-002/SF-001 and as detailed below:

9.1.2.1 on Shipping Containers:

9.1.2.1.1 apply the following markings:

9.1.2.1.1.1 Identification Markings:

9.1.2.1.1.1.1 North Atlantic Treaty Organization (NATO) Stock Number,

9.1.2.1.1.1.2 Nomenclature,

9.1.2.1.1.1.3 Quantity and Unit of Issue,

9.1.2.1.1.1.4 Protection and date markings, and

9.1.2.1.1.1.5 Contract Serial Number (as shown on the Contract).

9.1.2.1.1.2 Special Markings:

9.1.2.1.1.2.1 Manufacturer's Part Number.

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

9.1.2.1.2.1 NATO Stock Number,

9.1.2.1.2.2 Contract Serial Number; and

9.1.2.1.2.3 Manufacturer's Part Number.

9.1.2.2 on Interior Containers, including unit packs:

9.1.2.2.1 apply the following markings:

9.1.2.2.1.1 Identification Markings:

9.1.2.2.1.1.1 NATO Stock Number,

9.1.2.2.1.1.2 Nomenclature,

9.1.2.2.1.1.3 Quantity and Unit of Issue,

9.1.2.2.1.1.4 Protection and date markings,

9.1.2.2.1.1.5 Contract Serial Number (as shown on the Contract), and

9.1.2.2.1.1.6 Serial Number(s).

9.1.2.2.1.2 Special Markings:

9.1.2.2.1.2.1 Manufacturer's Part Number, and

9.1.2.2.2 apply the following markings using a GS1-128 linear bar code, with the data replicated in human readable form beneath the barcode:

9.1.2.2.2.1 NATO Stock Number,

9.1.2.2.2.2 Contract Serial Number,

9.1.2.2.2.3 Manufacturer's Part Number, and

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

9.2 Delivery

9.2.1 The Contractor must deliver all line items that have successfully passed all Test requirements.

9.2.2 The Contractor must submit Delivery Reports IAW with CDRL Item No. 014 at Appendix A1 to Annex A and its associated DID SE-007 at Appendix A2 to Annex A.

9.3 Deliverable Items

The Contractor must deliver items identified in Figure A-12 below IAW the Delivery Schedule at Figure A-13 below.

9.3.1 Unit pricing and payment for deliveries are addressed in Annex B

DELIVERABLE ITEMS

Contract Line Item		Part Number	NCAGE	NSN	QAC	DMC
No.	Description					
001	SCBU Assembly, Main, SOTM	1586505-1	35907	6110-20-010-8930	Q	A
002	SCBU Switch, Driver	1586509-1	35907	5930-20-010-9002	Q	A
003	Signal Entry Panel Assembly, SOTM	1586491-1	35907	5895-20-010-8986	Q	D

Note: Part number versions must be as per the TDP except where superseded by an authorized Design Change or Deviation.

Figure A-12 Deliverable Items

9.4 Delivery Schedule

9.4.1 The Contractor must deliver line items IAW the schedule specified in Figure A-13 below.

9.5 Firm Quantity Delivery Schedule

9.5.1 The Firm Quantity monthly target delivery quantities for each CLIN are detailed in Figure A-13 above.

9.5.2 The Low Rate Initial Production (LRIP) Quantity column specifies the quantity of each CLIN to be delivered after gaining approval to do so via the applicable FRP Readiness Review per Paragraphs 5.1.3.1.1, 5.2.3.1.1 and 5.3.3.1.1 above.

9.5.3 The Full Rate Production columns specify the target quantity of each CLIN to be delivered at various Months After FRP Approval (MAFA), after gaining approval to do so via the applicable FRP Readiness Review per Paragraphs 5.1.3.1.2, 5.2.3.1.2 and 5.3.3.1.2 above.

9.5.4 It's noted that the FRP quantities are target quantities. The Contractor may seek prior authorization from the Technical Authority (TA) to deliver less or more than the target quantity in any given month. However the total quantity must be delivered in the overall specified period. No incentive(s) for early delivery will be permissible.

9.5.5 The Contractor must deliver the total quantity of each CLIN as specified under the Total Quantity column of Figure A-13 above.

Contract Line Item		Low Rate Initial Production Quantity	Full Rate Production			Total Qty
No.	Description		1 MAFA Qty	2 MAFA Qty	3 MAFA Qty	
001	SCBU Assembly, Main, SOTM	50	100	100	110	360
002	SCBU Switch, Driver	50	100	100	110	360
003	Signal Entry Panel Assembly, SOTM	50	100	100	110	360

Figure A-13 Delivery Schedule

9.6 Optional Quantities

9.6.1 Should an option be exercised to procure Optional Quantities:

9.6.1.1 any such Optional Quantities will be over and above the Firm Quantity, and the Contractor must deliver these additional quantities IAW the revised delivery schedule, and

9.6.1.2 the revised delivery schedule with the updated quantities will be incorporated into Annex A through a contract amendment.

APPENDIX A1

CONTRACT DATA REQUIREMENTS LIST

1. CDRL FORMAT DESCRIPTION

The following defines the various blocks of information found on the Contract Data Requirements List (CDRL) forms:

1.1 BLOCK 1 - ITEM NUMBER

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

1.2 BLOCK 2 - TITLE OR DESCRIPTION

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

1.3 BLOCK 3 - SUBTITLE

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

1.4 BLOCK 4 - AUTHORITY (Data Item Number)

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

1.5 BLOCK 5 - CONTRACT REFERENCE

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

1.6 BLOCK 6 – REQUIRING OFFICE

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

1.7 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

1.8 BLOCK 8 - APPROVAL CODE (APP CODE)

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

1.9 BLOCK 9 - INPUT

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

1.10 BLOCK 10 - FREQUENCY

Indicates the frequency of delivery of the data. The following frequency codes are used:

ANNLY	Annually
ASGEN	As generated
ASREQ	As required
BI-MO	Every 2 months
BI-WK	Every 2 weeks
DAILY	Daily
MNTHY	Monthly
ONE/R	One time with revisions
OTIME	One time
QRTLY	Quarterly
R/ASR	Revisions as required
SEMIA	Semi-annually
WKLY	Weekly

1.11 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

1.12 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.

1.13 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.

1.14 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

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1.15 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.

1.16 BLOCK 16 - REMARKS

Additional or clarifying information.

1.17 BLOCKS 17 - 19

These blocks are for Contractor input as required.

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1. ITEM NUMBER NUMÉRO D'ORDRE	2. TITLE OR DESCRIPTION – TITRE OU DESCRIPTION DE DONNÉES 3. SUBTITLE – SOUS TITRE	5. CONTRACT REFERENCE RENVOI AU CONTRAT	6. REQUIRING OFFICE BUREAU DEMANDEUR	10. FREQUENCY FREQUENCE	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 produire)
4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES						
1. 001	2. Project Schedule 3.		6. Technical Authority	10. MNTHY	12. First PRM (See Block 16)	14. 14. Hard 1st Soft Subseq. Hard Soft CA 1 1 1
4. PM-001	5. Annex A, Paragraph 4.4	7. SS	8. 8.	11.	13. (See Block 16)	14. PA 1 1 1 TA 1 1 1
15. TOTAL 3 3 3						
16. REMARKS – REMARQUES 1st Submission (Block 12): The Contractor must submit the initial Project Schedule five (5) Working Days before the first PRM. Subsequent Submissions (Block 13): The Contractor must submit subsequent updates of the Project Schedule five (5) Working Days prior to each subsequent monthly PRM. If no PRM is held in any given month, the Contractor must submit that month's Project Schedule revision five (5) Working Days prior to the date that the PRM would normally have been held.						
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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4.	AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7. 8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM- MUN	11. AS OF DATE DATE	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON
1.	2. Agenda 3.		6. Technical Authority	10. ASREQ	12. Kick-off Meeting	14. 1st Subseq. Hard Soft Hard Soft
4.	PM-002	5. Annex A, Paragraph 4.5.2.1	7. 8. SD A (See Block 16)	9.	11.	CA 1 1 PA 1 1 TA 1 1
16. REMARKS – REMARQUES Approval (Block 8): The Contractor must submit the Draft Agenda for review five (5) Working Days before each meeting. Canada will provide review comments on the Draft Agenda within three (3) Working Days after receiving the Draft Agenda. The Contractor must submit the Final Agenda incorporating Canada's review comments, and any changes agreed to at the outset of the meeting, within five (5) Working Days after the meeting. Subsequent Submissions (Block 13): The Contractor must submit subsequent Agendas prior to each meeting. Distribution (Block 14): In addition to the distribution requirements detailed in Block 14, at the meeting, the Contractor must distribute one (1) paper copy of the Final Agenda, incorporating Canada's review comments, and Presentation Material, to each attendee.						
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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3. SUBTITLE - SOUS TITRE		5. CONTRACT REFERENCE / RENVOI AU CONTRAT		7. 8. APP CODE CODE D'APPRO		9. INPUT MISE EN COM-MUN		13. DATE OF SUBSEQUENT SUB EVENT ID / DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON		14. Address - Regular Copies / Destinataire - nombre d'originaux réguliers / Repro Copies - prêts à produire	
1. 003	2. Minutes			6. Technical Authority		10. ASREQ		12. Kick-off Meeting		14. Hard Soft Subseq. Hard Soft	
4. PM-003	5. Annex A, Paragraph 4.5.2.2	7. 8. SD A (See Block 16)		9.		11.		13. (See Block 16)		14. CA PA TA	
16. REMARKS - REMARQUES										15. TOTAL	
Approval (Block 8): The Contractor must submit the Draft Minutes for review within five (5) Working Days after each meeting.										3	
Canada will provide review comments on the Draft Minutes within five (5) Working Days after receiving the Draft Minutes.										3	
The Contractor must submit for approval, the Final Minutes incorporating Canada's review comments, within five (5) Working Days after receiving Canada's review comments.										3	
Subsequent Submissions (Block 13): The Contractor must submit subsequent Minutes for each PRM, TRM and the Contract Closeout Meeting.										3	
Distribution (Block 14): In addition to the distribution requirements detailed in Block 14, at the subsequent PRM, the Contractor must distribute one (1) paper copy of Signed Final PRM Minutes to each attendee.										3	

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4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7.	8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM- MUN	11. AS OF DATE DATE	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	18. ESTIMATED NUMBER OF PAGES NOMBRE APPROXIMATIF DE PAGES		
1. 004	2. Progress Report 3.	6. Technical Authority		10. MNTHY	12. First PRM (See Block 16)		19. ESTIMATED PRICE ESTIMATION DU COUT		
4. PM-004	5. Annex A, Paragraph 4.6.1	7. SS	8.	9.	11.	13. (See Block 16)	15. TOTAL		
16. REMARKS - REMARQUES 1st Submission (Block 12): The Contractor must submit the first Progress Report five (5) Working Days before the first PRM. Subsequent Submissions (Block 13): The Contractor must submit subsequent Progress Reports five (5) Working Days prior to each subsequent monthly PRM. If no PRM is held in any given month, the Contractor must submit that month's Progress Report five (5) Working Days prior to the date that the PRM would normally have been held.								3	

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4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7. 8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM-MUN	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	
1. 005	2. Action Items Report 3.	6. Technical Authority	10. R/ASR	12. Kick-off Meeting	14. CA PA TA
4. PM-005	5. Annex A, Paragraph 4.6.2	7. SD A (See Block 16)	9.	13. (See Block 16)	15. TOTAL
16. REMARKS - REMARQUES Approval (Block 8): The Contractor must submit a Draft update of the Action Items Report (AIR) for review within five (5) Working Days after each meeting. Canada will provide review comments on the Draft AIR update within five (5) Working Days after receiving the Draft Action Item Registry update. The Contractor must submit the Final AIR update incorporating Canada's review comments, within five (5) Working Days after receiving Canada's review comments. Subsequent Submissions (Block 13): The Contractor must submit AIR updates for each meeting. Distribution (Block 14): In addition to the distribution requirements detailed in Block 14, at the subsequent PRM, the Contractor must distribute one (1) paper copy of the Final AIR update, to each meeting attendee.					
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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3. SUBTITLE - SOUS TITRE		5. CONTRACT REFERENCE / RENVOI AU CONTRAT		7. 8. APP CODE CODE D'APPRO		9. INPUT MISE EN COM-MUN		13. DATE OF SUBSEQUENT SUB EVENT ID / DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON		15. TOTAL	
4. AUTHORITY (Data Item Number) / NUMÉRO DE DESCRIPTION DE DONNÉES		2. First Article Approval Procedure (FAAP)		6. Technical Authority		10. ONE/R		12.		14. CA	
1. 006		3.		7.		8. SD A (See Block 16)		9.		13.	
4. SE-001		5. Annex A, Paragraph 3.2.6.4.3		7.		8.		9.		13.	
16. REMARKS - REMARQUES		As of Date (Block 11): The Contractor must submit the Draft FAAP for review prior to the first of the SCBU, SCBU Driver's Switch and SEP LRIP Readiness Review Meetings.		Approval (Block 8): Canada will provide review comments on the Draft FAAP within ten (10) Working Days after receiving the Draft FAAP.		The Contractor must submit for approval the Final FAAP addressing Canada's review comments within ten (10) Working Days after receiving Canada's review comments, and prior to the first of the SCBU, SCBU Driver's Switch and SEP FAI Readiness Review Meetings.		15. TOTAL		17. CONTRACT FILE / DOCUMENT NUMBER / NUMÉRO DU DOCUMENT	
										18. ESTIMATED NUMBER OF PAGES / NOMBRE APPROXIMATIF DE PAGES	
										19. ESTIMATED PRICE / ESTIMATION DU COUT	

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	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	
4. AUTHORITY (Data Item Number) / NUMÉRO DE DESCRIPTION DE DONNÉES					13. DATE OF SUBSEQUENT SUB EVENT ID / DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	
1. 007	2. First Article Inspection Report (FAIR) 3. SCBU	6. Technical Authority	10. ONE/R	12.	14.	1st Hard Soft Subseq. Hard Soft
4. SE-002	5. Annex A, Paragraphs 5.1.2.2.5 and 5.1.2.2.7	7. SD A (See Block 16)	8. SD A (See Block 16)	9.	11. (See Block 16)	13.
16. REMARKS - REMARQUES As of Date (Block 11): The Contractor must submit the Draft SCBU FAIR for review prior to the SCBU First Article Inspection Review Meeting. Approval (Block 8): Canada will provide review comments on the Draft SCBU FAIR within ten (10) Working Days after receiving the Draft SCBU FAIR. The Contractor must submit for approval the Final SCBU FAIR addressing Canada's review comments within ten (10) Working Days after receiving Canada's review comments, and prior to the SCBU Full Rate Production Readiness Review Meeting.						
					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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047qd
CCC No./N° CCC - FMS No./N° VME

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 produire)	
4. AUTHORITY (Data Item Number) / NUMÉRO DE DESCRIPTION DE DONNÉES		5. CONTRACT REFERENCE / RENVOI AU CONTRAT		7. 8. APP CODE CODE D'APPRO		9. INPUT MISE EN COM-MUN		13. DATE OF SUBSEQUENT SUB EVENT ID / DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON		14. 1st Hard Soft Subseq. Hard Soft	
1. 008		2. First Article Inspection Report (FAIR)		6. Technical Authority		10. ONE/R		12.		14. CA	
4. SE-002		5. Annex A, Paragraphs 5.2.2.2.5 and 5.2.2.2.7		7. SD A (See Block 16)		8. SD A (See Block 16)		11. (See Block 16)		13. PA TA	
16. REMARKS - REMARQUES As of Date (Block 11): The Contractor must submit the Draft SCBU Driver's Switch FAIR for review prior to the SCBU Driver's Switch First Article Inspection Review Meeting. Approval (Block 8): Canada will provide review comments on the Draft SCBU Driver's Switch FAIR within ten (10) Working Days after receiving the DRAFT SCBU Driver's Switch FAIR. The Contractor must submit for approval the Final SCBU Driver's Switch FAIR addressing Canada's review comments within ten (10) Working Days after receiving Canada's review comments, and prior to the SCBU Driver's Switch Full Rate Production Readiness Review Meeting.											
15. TOTAL										3	
17. CONTRACT FILE / DOCUMENT NUMBER / NUMÉRO DU DOCUMENT											
18. ESTIMATED NUMBER OF PAGES / NOMBRE APPROXIMATIF DE PAGES											
19. ESTIMATED PRICE / ESTIMATION DU COUT											

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4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7. 8. APP CODE D'APPRO	9. INPUT MISE EN COM- MUN	11. AS OF DATE DATE	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	
1. 009	2. First Article Inspection Report (FAIR) 3. SEP	6. Technical Authority		10. ONE/R	12.	14.
4. SE-002	5. Annex A, Paragraphs 5.3.2.2.5 and 5.3.2.2.7	7. 8. SD A (See Block 16)	9. SD A (See Block 16)	11. (See Block 16)	13.	14. CA PA TA
16. REMARKS – REMARQUES As of Date (Block 11): The Contractor must submit the Draft SEP FAIR for review prior to the SEP First Article Inspection Review Meeting. <u>Approval (Block 8)</u> : Canada will provide review comments on the Draft SEP FAIR within ten (10) Working Days after receiving the Draft SEP FAIR. The Contractor must submit for approval the Final SEP FAIR addressing Canada's review comments within ten (10) Working Days after receiving Canada's review comments, and prior to the SEP Full Rate Production Readiness Review Meeting.						
15. TOTAL						3
17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT						
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4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7.	8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM- MUN	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON	
1. 010	2. Quality Plan 3.	6. Technical Authority		10. R/ASR	12. With Bidder's Bid	14. 14. 1st Hard Soft CA (See Block 16) PA TA
4. SE-003	5. Annex A, Paragraph 6.1.2	7. SD A (See Block 16)	8.	9.	13. (See Block 16)	14. 15. TOTAL 3
16. REMARKS - REMARQUES Approval (Block 8): The Bidder must submit the Quality Plan with the Bidder's bid. At the Kick-off Meeting Canada will provide review comments on the Quality Plan that was submitted with the Contractor's bid. The Contractor must submit a revision of the Quality Plan addressing Canada's review comments within ten (10) Working Days after receiving Canada's review comments. Subsequent Submissions (Block 13): The Contractor must submit subsequent revisions as required by the TA. Distribution (Block 14): For the Quality Plan submission with the Bidder's bid, the Bidder must submit the number of hard and soft copies specified in the Request For Proposal Bid Preparation Instructions.						
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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4. AUTHORITY (Data Item Number) NUMÉRO DE DESCRIPTION DE DONNÉES	5. CONTRACT REFERENCE RENVOI AU CONTRAT	7.	8. APP CODE CODE D'APPRO	9. INPUT MISE EN COM- MUN	11. AS OF DATE DATE	13. DATE OF SUBSEQUENT SUB EVENT ID DATE DE PRÉSENTATION SUBSÉQUENTE/MOTIF DE NON-LIVRAISON
1. 011	2. Request for Design Change / Deviation 3.	6. Technical Authority		10. ASREQ (See Block 16)	12.	14. 1st Hard Soft Subseq. Hard Soft
4. SE-004	5. Annex A, Paragraph 7.1.1.1.3.1	7. SD A (See Block 16)	8.	9.	11.	13.
16. REMARKS - REMARQUES Frequency (Block 10): The Contractor must submit Requests for Design Change / Deviation as required by Section 7.0 of Annex A. Approval (Block 8): Approval of all Requests for Design Change / Deviation is governed by Section 7.0 of Annex A.						
15. TOTAL						3
17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT						
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1. 012	2. Request for Waiver		6. Technical Authority		10. ASREQ (See Block 16)	12.		14.
4. SE-005	5. Annex A, Paragraph 7.1.1.1.3.2		7. SD A (See Block 16)	8.	9.	11.		13.
16. REMARKS - REMARQUES Frequency (Block 10): The Contractor must submit Requests for Waiver as required by Section 7.0 of Annex A. Approval (Block 8): Approval of all Requests for Waiver is governed by Section 7.0 of Annex A.								
						15. TOTAL	3	3

17. CONTRACT FILE / DOCUMENT NUMBER / DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT
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1. 013		2. Request for Additional Work		6. Technical Authority		10. ASREQ (See Block 16)		12.		14. CA	
4. SE-006		5. Annex A, Paragraph 7.1.1.1.3.3		7. SD A (See Block 16)		9.		13.		14. PA TA	
16. REMARKS - REMARQUES		Frequency (Block 10): The Contractor must submit Requests for Additional Work as required by Section 7.0 of Annex A.		Approval (Block 8): Approval of all Requests for Additional Work is governed by Section 7.0 of Annex A.						15. TOTAL 3	
										17. CONTRACT FILE / DOCUMENT NUMBER / DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT	
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1. 014	2. Delivery Report 3.	6. Technical Authority		10. MNTY	12. (See Block 16)	14. CA		1	
4. SE-007	5. Annex A, Paragraph 9.2.2	7. SS	8.	9.	13. (See Block 16)	14. PA		1	
						14. TA		1	
16. REMARKS - REMARQUES						15. TOTAL		3	
1st Submission (Block 12): The Contractor must submit the first Delivery Report five (5) Working Days after the end of the calendar month in which deliveries first occur.									
Subsequent Submissions (Block 13): The Contractor must submit subsequent Delivery Reports five (5) Working Days after the end of each calendar month (EOM), until all deliveries have been completed.									
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. 015	2. Warranty Repair Report 3.	6. Technical Authority		10. ASREQ (See Block 16)	12.	14.	1st Hard Soft
4. ISS-001	5. Annex A, Paragraph 3.3.2.5	7. SS	8. SS	9.	11. ASREQ	13.	CA 1 1 PA 1 1 TA 1 1
16. REMARKS - REMARQUES Frequency (Block 10): The Contractor must submit a Warranty Repair Report for each item returned to the Contractor under warranty.		15. TOTAL 3 3 3					
17. CONTRACT FILE / DOCUMENT NUMBER DOSSIER DE L'ENTREPRENEUR / NUMÉRO DU DOCUMENT							
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APPENDIX A2

DATA ITEM DESCRIPTIONS

1. DID Format Description

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

1.1 BLOCK 1 – TITLE

A short descriptive name that identifies the DID's nature and distinguishes it from any other DID.

1.2 BLOCK 2 - IDENTIFICATION NUMBER

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

1.3 BLOCK 3 – DESCRIPTION / PURPOSE

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

1.4 BLOCK 4 - APPROVAL DATE

Date that the DID was approved by the originator.

1.5 BLOCK 5 - OFFICE OF PRIMARY INTEREST (OPI)

The authority responsible for specifying the data requirement.

1.6 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).

1.7 BLOCK 7 - APPLICATION / INTERRELATIONSHIP

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

1.8 BLOCK 8 - ORIGINATOR

The originator of the DID.

1.9 BLOCK 9 - APPLICABLE FORMS

Indicates any form needed to prepare the data.

1.10 BLOCK 10 - PREPARATION INSTRUCTIONS

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

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Project Schedule		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-001	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Project Schedule must be used to define and track the progress of the activities that must be performed to produce the Contract deliverables against established milestones of a calendar time base.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority	6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT	
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES <div style="margin-top: 10px;"> 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies must 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 must be compatible with MS Project 2010. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center; margin-top: 20px;"> <pre> graph TD A[SCBU_001_PS_YYYY-MM-DD] --- B[SCBU] A --- C[CDRL Item Number] A --- D["Project Schedule"] A --- E[Date of the Update] </pre> </div> </div>			

Review, FRP Readiness Review, Delivery, etc.) described within the Statement of Work, Annex A;

- deliverable data schedule requirements (e.g. Agendas, Minutes, Action Item Report updates, Project Schedule updates, Progress Reports, Quality Plan, First Article Approval Procedure, First Article Inspection Reports, Delivery Reports, etc. (per the Contract Deliverable Requirements List, Appendix A1 of Annex A; and
- deliverable item schedule requirements (per the Delivery Schedule, Figure A-12 of Annex A).

The WBS must contain as a minimum the elements listed in Table 1 below.

- Activity Definition** – by specifying the activities associated with completing each WBS element. Subcontractor activities and Government of Canada activities upon which Contractor activities have dependencies must be included in the Project Schedule.
- Activity Sequencing** – by defining and accurately representing interdependencies between activities, and the critical path from start to completion.
- Activity Duration** – 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.
- Activity Completion** – by showing actual progress to date toward completion of each activity.

10.2.3 The Project Schedule must clearly show a progress line, which indicates the point in time at which the schedule status pertains and indicates which activities are on, behind or ahead of schedule.

Table 1 – Work Breakdown Structure

WBS	Task Name	Duration	Predecessor WBS	SOW Reference
1	CONTRACT			
1.1	AWARD	0 days		
2	PROJECT MANAGEMENT			4.0
2.1	KICK-OFF MEETING			4.5.3
2.1.1	Agenda			4.5.2.1
2.1.1.1	Deliver Draft Agenda	0 days	2.1.2 - 5 days	
2.1.1.2	Receive Draft Agenda Comments from DND	0 days	2.1.1.1 + 3 days	
2.1.1.3	Deliver Final Agenda	0 days	2.1.2 + 5 days	
2.1.2	Conduct Kick-off Meeting	1 day	1.1 + 3 weeks	4.5.3
2.1.3	Minutes and Action Item Report (AIR)			4.5.2.2, 4.6.2
2.1.3.1	Deliver Draft Minutes and AIR	0 days	2.1.2 + 5 days	
2.1.3.2	Receive Draft Minutes and AIR Comments from DND	0 days	2.1.3.1 + 5 days	
2.1.3.3	Deliver Final Minutes and AIR	0 days	2.1.3.2 + 5 days	
2.2	PROGRESS REVIEW MEETINGS			4.5.4
2.2.1	Progress Review Meeting 1 (PRM 1)			
2.2.1.1	Agenda			4.5.2.1
2.2.1.1.1	Deliver Draft Agenda	0 days	2.2.1.4 - 5 days	
2.2.1.1.2	Receive Draft Agenda Comments from DND	0 days	2.2.1.1.1 + 3 days	
2.2.1.1.3	Deliver Final Agenda	0 days	2.2.1.4 + 5 days	
2.2.1.2	Deliver Project Schedule (PS)	0 days	2.2.1.4 - 5 days	4.4
2.2.1.3	Deliver Progress Report (PR)	0 days	2.2.1.4 - 5 days	4.6.1
2.2.1.4	Conduct Progress Review Meeting	1 day	2.1.2 + 20 days	4.5.4
2.2.1.5	Minutes and Action Item Report (AIR)			4.5.2.2, 4.6.2
2.2.1.5.1	Deliver Draft Minutes and AIR	0 days	2.2.1.4 + 5 days	
2.2.1.5.2	Receive Draft Minutes and AIR Comments from DND	0 days	2.2.1.5.1 + 5 days	
2.2.1.5.3	Deliver Final Minutes and AIR	0 days	2.2.1.5.2 + 5 days	
2.2.2	Progress Review Meeting 2 (PRM 2)			
2.2.2.1	etc.			

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WBS	Task Name	Duration	Predecessor WBS	SOW Ref.
3.	PRODUCTION			3.0
3.1	QUALITY PLAN (QP)			6.1.2
3.1.1	Receive Draft QP Review Comments from DND	0 days	2.1.2	
3.1.2	Develop Final QP	10 days	3.1.1	
3.1.3	Deliver Final QP	0 days	3.1.2	
3.1.4	Receive Approval of Final QP from DND	0 days	3.1.3 +1 day	
3.2	First Article Approval Procedure (FAAP)			3.2.6.4.3
3.2.1	Develop Draft FAAP	? days	1.1	
3.2.2	Deliver Draft FAAP	0 days	3.2.1	
3.2.3	Review Draft FAAP by DND	10 days	3.2.2	
3.2.4	Receive Draft FAAP Review Comments from DND	0 days	3.2.3	
3.2.5	Develop Final FAAP	10 days	3.2.4	
3.2.6	Deliver Final FAAP	0 days	3.2.5	
3.2.7	Receive Approval of Final FAAP from DND	0 days	3.2.6 +1 day	
3.3	Qualifications			3.2.5.2
3.3.1	Establish Qualification X	? days	3.1.4	
3.3.2	Establish Qualification Y	? days	3.1.4	
	etc.			
3.4	Facilities and Infrastructure			3.2.5.3
3.4.1	Establish Facility X	? days	3.1.4	
3.4.2	Establish Facility Y	? days	3.1.4	
	etc.			
3.5	Government Furnished Equipment and Information			3.2.5.5
3.5.1	Receive Government Furnished Information (GFI)	0 days	1.1	
3.5.2	Receive Government Furnished Equipment (GFE)	0 days	1.1 + 2 months	
3.6	Delivery Report (DR)			9.2.2
3.6.1	Deliver DR 1	0 days	3.7.3.2 or 3.8.3.2 or 3.9.3.2	
3.6.2	Deliver DR 2	0 days	3.6.1 + 1 month	
3.6.3	Deliver DR 3	0 days	3.6.2 + 1 month	
3.6.4	Deliver DR 4	0 days	3.6.3 + 1 month	
	etc.			

WBS	Task Name	Duration	Predecessor WBS	SOW Ref.
3.7	SCBU PRODUCTION			5.1
3.7.1	Initialization Phase			5.1.1
3.7.1.1	Conduct Lead Time Review	? days	1.1	5.1.1.2
3.7.1.2	Order and Receive Components	? days	3.7.1.1	8.0
3.7.1.3	Establish Production Capabilities and Processes	? days	3.1.4	3.2.5.4
3.7.2	Low Rate Initial Production Phase			5.1.2
3.7.2.1	LRIP Readiness Review Meeting	1 day	1.1.1, 1.1.2, 3.1.4, 3.2.2, 3.3, 3.4, 3.7.1.1, 3.7.1.3	5.1.1.3
3.7.2.2	Assembly, Testing, Debug and Repair	? days	3.7.2.1	3.2.7.5, 5.1.3.2, 5.1.3.3
3.7.2.3	Commission Production Capabilities and Processes	? days	3.7.2.1	3.2.6.3
3.7.2.4	First Article Inspection (FAI)			5.1.2.2
3.7.2.4.1	Provide Sample FAI Units	0 days	3.7.2.2	5.1.2.2.2
3.7.2.4.2	Conduct FAI Readiness Review Meeting	1 day	3.2.7, 3.7.2.4.1	5.1.2.2.3
3.7.2.4.3	Conduct FAI	? days	3.7.2.4.2	5.1.2.2.4
3.7.2.4.3.1	First Article Inspection Report (FAIR)			5.1.2.2.5
3.7.2.4.3.1.1	Develop Draft FAIR	? days	3.7.2.4.3	
3.7.2.4.3.1.2	Deliver Draft FAIR	0 days	3.7.2.4.3.1.1	
3.7.2.4.3.1.3	Review Draft FAIR by DND	10 days	3.7.2.4.3.1.2	
3.7.2.4.3.1.4	Receive Draft FAIR Review Comments from DND	0 days	3.7.2.4.3.1.3	
3.7.2.4.3.1.5	Develop Final FAIR	10 days	3.7.2.4.3.1.4	
3.7.2.4.3.1.6	Deliver Final FAIR	0 days	3.7.2.4.3.1.5	
3.7.2.4.3.1.7	Receive Approval of Final FAIR from DND	0 days	3.7.2.4.3.1.6 + 1 day	5.1.2.2.7
3.7.2.4.3.2	Conduct First Article Inspection Review Meeting	1 day	3.7.2.4.3.1.2	5.1.2.2.6
3.7.2.4.4	Institute Corrective Measures	? days	3.7.2.4.3.1.7	5.1.2.2.7.1.2
3.7.2.5	Production Facility Baselined	0 days	3.7.2.4.3.1.7	5.1.2.2.7.1.3
3.7.3	Full Rate Production Phase			5.1.3
3.7.3.1	FRP Readiness Review Meeting	1 day	3.7.2.3, 3.7.2.4.3.1.7, 3.7.2.4.3.2, 3.7.2.4.4	5.1.2.2.8
3.7.3.2	Deliver LRIP Batch	0 days	3.7.3.1	5.1.3.1.1
3.7.3.3	Deliver 1 MAFA Batch	0d	3.7.3.1 + 1 month	5.1.3.1.2
3.7.3.4	Deliver 2 MAFA Batch	0 days	3.7.3.3 + 1 month	5.1.3.1.2
3.7.3.5	Deliver 3 MAFA Batch	0 days	3.7.3.4 + 1 month	5.1.3.1.2

WBS	Task Name	Duration	Predecessor WBS	SOW Ref.
3.8	SCBU DRIVER'S SWITCH PRODUCTION			5.2
3.8.1	Initialization Phase			5.2.1
3.8.1.1	Conduct Lead Time Review	? days	1.1	5.2.1.2
3.5.1.2	Order and Receive Components	? days	3.5.1.1	8.0
3.8.1.3	Establish Production Capabilities and Processes	? days	3.1.4	3.2.5.4
3.8.2	Low Rate Initial Production Phase			5.2.2
3.8.2.1	LRIP Readiness Review Meeting	1 day	1.1.1, 1.1.2, 3.1.4, 3.2.2, 3.3, 3.4, 3.8.1.1, 3.8.1.3	5.2.1.3
3.8.2.2	Assembly, Testing, Debug and Repair	? days	3.8.2.1	3.2.7.5, 5.2.3.2
3.8.2.3	Commission Production Capabilities and Processes	? days	3.8.2.1	3.2.6.3
3.8.2.4	First Article Inspection (FAI)			5.2.2.2
3.8.2.4.1	Provide Sample FAI Units	0 days	3.8.2.2	5.2.2.2.2
3.8.2.4.2	Conduct FAI Readiness Review Meeting	1 day	3.2.7, 3.8.2.4.1	5.2.2.2.3
3.8.2.4.3	Conduct FAI	? days	3.8.2.4.2	5.2.2.2.4
3.8.2.4.3.1	First Article Inspection Report (FAIR)			5.2.2.2.5
3.8.2.4.3.1.1	Develop Draft FAIR	? days	3.8.2.4.3	
3.8.2.4.3.1.2	Deliver Draft FAIR	0 days	3.8.2.4.3.1.1	
3.8.2.4.3.1.3	Review Draft FAIR by DND	10 days	3.8.2.4.3.1.2	
3.8.2.4.3.1.4	Receive Draft FAIR Review Comments from DND	0 days	3.8.2.4.3.1.3	
3.8.2.4.3.1.5	Develop Final FAIR	10 days	3.8.2.4.3.1.4	
3.8.2.4.3.1.6	Deliver Final FAIR	0 days	3.8.2.4.3.1.5	
3.8.2.4.3.1.7	Receive Approval of Final FAIR from DND	0 days	3.8.2.4.3.1.6 + 1 day	5.2.2.2.7
3.8.2.4.3.2	Conduct First Article Inspection Review Meeting	1 day	3.8.2.4.3.1.2	5.2.2.2.6
3.8.2.4.4	Institute Corrective Measures	? days	3.8.2.4.3.1.7	5.2.2.2.7.1.2
3.8.2.5	Production Facility Baselined	0 days	3.8.2.4.3.1.7	5.2.2.2.7.1.3
3.8.3	Full Rate Production Phase			5.2.3
3.8.3.1	FRP Readiness Review Meeting	1 day	3.8.2.3, 3.8.2.4.3.1.7, 3.8.2.4.3.2, 3.8.2.4.4	5.2.2.2.8
3.8.3.2	Deliver LRIP Batch	0 days	3.8.3.1	5.2.3.1.1
3.8.3.3	Deliver 1 MAFA Batch	0 days	3.8.3.1 + 1 month	5.2.3.1.2
3.8.3.4	Deliver 2 MAFA Batch	0 days	3.8.3.3 + 1 month	5.2.3.1.2

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 File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
 CCC No./N° CCC - FMS No./N° VME

3.8.3.5	Deliver 3 MAFA Batch	0 days	3.8.3.4 + 1 month	5.2.3.1.2
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WBS	Task Name	Duration	Predecessor WBS	SOW Ref.
3.9	SEP PRODUCTION			5.3
3.9.1	Initialization Phase			5.3.1
3.9.1.1	Conduct Lead Time Review	? days	1.1	5.3.1.2
3.9.1.2	Order and Receive Components	? days	3.9.1.1	8.0
3.9.1.3	Establish Production Capabilities and Processes	? days	3.1.4	3.2.5.4
3.9.2	Low Rate Initial Production Phase			5.3.2
3.9.2.1	LRIP Readiness Review Meeting	1 day	1.1.1, 1.1.2, 3.1.4, 3.2.2, 3.3, 3.4, 3.9.1.1, 3.9.1.3	5.3.1.3
3.9.2.2	Assembly, Testing, Debug and Repair	? days	3.9.2.1	3.2.7.5, 5.3.3.2
3.9.2.3	Commission Production Capabilities and Processes	? days	3.9.2.1	3.2.6.3
3.9.2.4	First Article Inspection (FAI)			5.3.2.2
3.9.2.4.1	Provide Sample FAI Units	0 days	3.9.2.2	5.3.2.2.2
3.9.2.4.2	Conduct FAI Readiness Review Meeting	1 day	3.2.7, 3.9.2.4.1	5.3.2.2.3
3.9.2.4.3	Conduct FAI	? days	3.9.2.4.2	5.3.2.2.4
3.9.2.4.3.1	First Article Inspection Report (FAIR)			5.3.2.2.5
3.9.2.4.3.1.1	Develop Draft FAIR	? days	3.9.2.4.3	
3.9.2.4.3.1.2	Deliver Draft FAIR	0 days	3.9.2.4.3.1.1	
3.9.2.4.3.1.3	Review Draft FAIR by DND	10 days	3.9.2.4.3.1.2	
3.9.2.4.3.1.4	Receive Draft FAIR Review Comments from DND	0 days	3.9.2.4.3.1.3	
3.9.2.4.3.1.5	Develop Final FAIR	10 days	3.9.2.4.3.1.4	
3.9.2.4.3.1.6	Deliver Final FAIR	0 days	3.9.2.4.3.1.5	
3.9.2.4.3.1.7	Receive Approval of Final FAIR from DND	0 days	3.9.2.4.3.1.6 + 1 day	5.3.2.2.7
3.9.2.4.3.2	Conduct First Article Inspection Review Meeting	1 day	3.9.2.4.3.1.2	5.3.2.2.6
3.9.2.4.4	Institute Corrective Measures	? days	3.9.2.4.3.1.7	5.3.2.2.7.1.2
3.9.2.5	Production Facility Baselined	0 days	3.9.2.4.3.1.7	5.3.2.2.7.1.3
3.9.3	Full Rate Production Phase			5.3.3
3.9.3.1	FRP Readiness Review Meeting	1 day	3.9.2.3, 3.9.2.4.3.1.7, 3.9.2.4.3.2, 3.9.2.4.4	5.3.2.2.8
3.9.3.2	Deliver LRIP Batch	0 days	3.9.3.1	5.3.3.1.1
3.9.3.3	Deliver 1 MAFA Batch	0 days	3.9.3.1 + 1 month	5.3.3.1.2

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File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

	3.9.3.4	Deliver 2 MAFA Batch	0 days	3.9.3.3 + 1 month	5.3.3.1.2	
	3.9.3.5	Deliver 3 MAFA Batch	0 days	3.9.3.4 + 1 month	5.3.3.1.2	

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Agenda		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-002	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET Agendas must be used to publish the venue for, and the items to be discussed at meetings between representatives of the Government of Canada and the Contractor.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority	6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT	
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010, however PDF copies may be submitted in addition to MS Office copies in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center; margin-top: 20px;"> <pre> graph TD A[SCBU_002_MA_PRM1_YYYY-MM-DD_Final] --- B[SCBU] A --- C[CDRL Item Number] A --- D["Meeting Agenda"] A --- E[Title of the Meeting] A --- F[Date of the Meeting] A --- G[Revision: Draft or Final] </pre> </div>			

whereby items may be added to, or deleted from, the agenda.

- c. Business – Discussions and decisions for each of the meeting's topics of discussion. For Progress Review Meetings this section must be further divided into the following sub sections, which correspond to the sub sections of the Progress Report:

- i. Scope,
- ii. Cost,
- iii. Schedule,
- iv. Quality,
- v. Procurement, and
- vi. Risk.

Each of the above sub sections must include the individual agenda items to be discussed, which must include:

- i. carry-over of all agenda items from previous meetings with action items that have not yet been completed. An agenda item to which action item(s) were assigned in the minutes of a meeting, must persist on subsequent agendas until all such action items have been completed and identified as "closed" or "cancelled" in the minutes of a subsequent meeting, and until which time such uncompleted action items must be identified as "open" or "on hold" in the minutes of subsequent meetings.
- ii. new agenda items.

For each agenda item the following must be provided, preferably in tabular format:

- i. ID – A number assigned to uniquely identify the agenda item.
- ii. Item – A title that identifies the objective or purpose of the required discussion.
- iii. Reference / Background – Cross reference to applicable correspondence, documentation, open Action Item, and/or a brief description of the background leading to the need for the discussion.
- iii. Sponsor – The name or title of the person or organization responsible for presenting the item at the meeting.
- iv. Duration – An estimate of the amount of time to be devoted to the item.

- d. Next Meeting – Discussion leading to establishment of the date, time and location of any following meeting.

10.2.3 All Presentation Material required for a meeting must be distributed with the Agenda to allow participants to adequately prepare.

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Minutes		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-003	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET Minutes must be used to document the discussions at meetings between representatives of the Government of Canada and the Contractor, with particular emphasis on decisions made and action items assigned.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority	6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT	
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The 'ID' and 'Item' documented in Minutes must be consistent with those used in the associated Agenda (DID PM-002).			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTES	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010, however PDF copies may be submitted in addition to MS Office copies in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center; margin: 20px 0;"> <pre> SCBU_003_MM_PRM1_YYYY-MM-DD_Final / / \ "SCBU" CDRL "Meeting Title Date Revision: Item Number Minutes of the of the Draft or Final Number </pre> </div>			
10.2 Content 10.2.1 The Minutes introductory information must contain the following: <ol style="list-style-type: none"> a. Contract Number and Contract Title. b. CDRL Item Number. c. Title / Purpose of the meeting (e.g. Progress Review Meeting). d. The meeting location, date and start time. e. Name and title of the Meeting Chairperson or Co-Chairpersons. f. Name of the Meeting Secretary (who recorded the Minutes). g. A list of the names, titles and organizations of persons whose attendance was required per the Agenda, with an indication of those that were present and those that were absent. 			

h. Signature blocks for one Contractor approval authority and one Government approval authority.

10.2.2 The Minutes body must contain the following sections:

- a. Acceptance of Previous Minutes – Record any revisions of the minutes of the previous meeting that were agreed upon at the outset of the meeting. Otherwise record that the minutes of the previous meeting were accepted as written.
- b. Acceptance of Agenda – Record any additions to, or deletions from, the agenda that were agreed upon at the outset of the meeting. Otherwise record that the agenda was accepted as written.
- c. Business – This section must contain the topics of discussion, organized per the Agenda. For each item the following must be provided, preferably in tabular format:
 - i. ID – The ID from the Agenda.
 - ii. Item – The Item from the 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 each separate decision reached.
 - v. Action – The action(s) necessary to execute the Decision. For each separate action provide the following:
 - ID – an identified assigned to uniquely identify each action item.
 - Responsibility and Action – the name of the organization or person assigned responsibility for completing the action, and a precise description of the required action.
 - Target Date – the target date for completion of the action.
- d. Next Meeting – the date, time and location of any following meeting:

10.2.3 Copies of all documentation tabled at the meeting and referenced in the body of the Minutes must be appended to the Minutes.

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Progress Report		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-004	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Progress Report must summarize the Contractor's progress in relation to Contract requirements and approved schedules and plans. The Progress Report highlights risks, problem areas and corrective actions being taken to resolve issues.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES			
<p>10.1 Format</p> <p>10.1.1 Contractor format is acceptable. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010.</p> <p>10.1.2 The electronic file naming format must be as follows:</p> <div style="text-align: center;"> <p>SCBU_004_PR_YYYY-MM-DD</p> <pre> graph TD A[SCBU_004_PR_YYYY-MM-DD] --- B["'SCBU'"] A --- C[CDRL Item Number] A --- D["'Progress Report'"] A --- E[Date of the Report] </pre> </div>			
<p>10.2 Content</p> <p>10.2.1 The Progress Report introductory information must contain the following:</p> <ul style="list-style-type: none"> a. Contract Number and Contract Title. b. CDRL Item Number. <p>10.2.2 The Progress Report body must include topical sections per the following paragraphs.</p> <p>10.2.3 Executive Summary This section of the Report must summarize all other sections in such a way that the reader may rapidly become acquainted with remainder of the report without having to read it all.</p> <p>10.2.4 Scope This section of the Report must address any contemplated or needed scope change, including:</p>			

- a. Requests for Design Change / Deviation per Section 7.0 of Annex A,
- b. Requests for Additional Work per Section 7.0 of Annex A, and
- c. Contract Amendment.

Progress with respect to completion of work to incorporate approved design changes / deviations and additional work must be addressed in the Quality section of the Report.

10.2.5 Cost

This section of the Report must summarize payments made to date for each of the following:

- a. Total Payments for Deliveries,
- b. Total Payments for Design Changes and Deviations,
- c. Total Payments for Additional Work, and
- d. Total of all Payments

10.2.6 Schedule

This section of the Report must summarize progress regarding each activity that, according to the approved Project Schedule:

- is currently underway, in that its scheduled start date has passed; and
- is not yet completed, regardless of its scheduled finish date

There's no need to include activities that have been reported as 'completed' in a previous Report, or activities whose start date is still in the future. Emphasis must be placed on the schedule status (i.e. ahead, on, or behind schedule) and management of slippages with respect to the following

- a. achieving milestones;
- b. submission of deliverable data items; and
- c. delivery of deliverable line items.

10.2.7 Quality

This section of the Report must describe progress with respect to the following, with emphasis on the status and management of issues:

10.2.7.1 Manufacturing

The Manufacturing section must include topical sections per the following paragraphs.

10.2.7.1.1 Manufacturability

The Contractor must report the details of any contemplated product design changes / deviations or changes to the production facility, infrastructure, capabilities or processes, baselined per Paragraphs 3.2.7 of Annex A, in order to deal with issues such as part substitution due to obsolescence or to improve product manufacturability.

10.2.7.1.2 Work in Progress

The Contractor must report, for the SCBU, SCBU Driver's Switch and SEP, the:

- a. number of units, and
- b. percentage of total number of units,

that are currently:

- a. in assembly,
- b. in testing,
- c. in debug / repair,
- d. in shipping, and
- e. delivered,

as of the end of each reporting period, per the sample below.

As of Reporting Period Ending	Contract Total (A)	Work in Progress								Delivered			
		In Assembly		In Testing		In Debug/Repair		In Shipping		Total	Qty (G)	Cumulative Total (H=Sum G)	% of Contract Total (H/A)
		Qty (B)	% of WIP Total (B/F)	Qty (C)	% of WIP Total (C/F)	Qty (D)	% of WIP Total (D/F)	Qty (E)	% of WIP Total (E/F)	(F=B+C+D+E)			
SCBU													
YY-MM-DD 1	360	10	20%	10	20%	5	10%	25	50%	50	0	0	0%
YY-MM-DD 2		25	25%	8	8%	7	7%	60	60%	100	50	50	14%
SCBU Driver's Switch													
YY-MM-DD 1	360												
YY-MM-DD 2													
SEP													
YY-MM-DD 1	360												
YY-MM-DD 2													

10.2.7.1.4 Rework

The Contractor must report on the progress of all product rework to correct defects per Paragraph 3.2.7.10.4 of Annex A, or to conduct design changes / deviations or additional work approved after commencement of Full Rate Production per Paragraph 7.1 of Annex A.

10.2.7.1.5 Requests for Waiver

The Contractor must report the details of contemplated requests for waiver per Section 7.0 of Annex A.

10.2.7.2 Testing

The Testing section must include topical sections per the following paragraphs.

10.2.7.2.1 Yield

The Contractor must report SCBU, SCBU Driver's Switch and SEP First Pass Yield (also called Throughput Yield (TPY)), for the reporting period. TPY is the number of acceptable units at the end of testing divided by the number of starting units, excluding scrap and rework.

10.2.7.2.2 Statistical Process Control

The Contractor must report the cumulative findings of Statistical Process Control (SPC) conducted per Paragraph 3.2.7.8 of Annex A. The report must list the defects found and indicate their percentage of the total per the following example.

Defect	Quantity as of Reporting Period Ending						Total (A)	Percentage of Overall Total (A/B)
	YY-MM-DD 1	YY-MM-DD 2	etc.					
Defective Component X	1	1					2	20%
Defective Component Y		2					2	20%
improper Assembly	3	1					4	40%
Damaged Component		1					1	10%
Damaged Assembly	1						1	10%
etc.								
Overall Total (B)							10	

10.2.7.2.3 Failure Trends

The Contractor must report the details of:

- all trends identified during Failure Trend Analysis (FTA) conducted during the reporting period per Paragraph 3.2.7.11 of Annex A; and
- the ensuing problem resolution conducted per Paragraph 3.2.7.12 of Annex A.

10.2.7.3 Warranty Returns

The Warranty Returns section must provide:

- a cumulative listing of all Warranty Repair Reports submitted per CDRL Item No. 015, identifying the determined root cause for each per Paragraph 3.2.7.12 of Annex A; and
- a Failure Trend Analysis of the aggregate of warranty returns, conducted per Paragraph 3.2.7.11 of Annex A, and the root cause of identified trends, determined per Paragraph 3.2.7.12 of Annex A.

10.2.8 **Procurement**

This section of the Report must describe progress with respect to the following, with emphasis on the management of issues:

- a. Supply Chain: This section must report regarding the following:
 - i. Lead time: the findings of lead time reviews conducted per Paragraph 8.1.1 of Annex A,
 - ii. Obsolescence: component obsolescence and recommended solutions such as substitution or last-time-buy per Paragraph 8.4 of Annex A, and
 - iii. Last-Time-Buys: the status of authorized last time buys.
- b. Subcontracts: This section must report all supplier and incoming inspection issues that may negatively impact fulfilment of Contract requirements.

10.2.9 **Risk**

This section of the Report must demonstrate the Contractor's systematic risk management process by reporting the following per Paragraph 4.3 of Annex A:

- a. Identification of possible future *events* that:
 - i. represent opportunities to positively effect the fulfillment of Contract requirements, or
 - ii. will negatively effect fulfillment of Contract requirements.
- b. Prioritization of each identified risk based on an analysis of the *probability* and *impact* of its realization.
- c. Response Plan for higher priority risks in order to:
 - i. maximize the *probability* and beneficial *impact* of positive risks, and
 - ii. minimize the *probability* and adverse *impact* of negative risks.

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File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Action Item Report		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION PM-005	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET An ongoing Action Item Report must be used to track the initiation and completion of action items as recorded in Minutes.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The 'ID' and 'Action' of action items documented in the Action Item Report must be consistent with those used in Minutes (DID PM-003).			
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 must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center;"><p>SCBU_005_AIR_YYYY-MM-DD_Final</p><pre>graph TD; A[SCBU_005_AIR_YYYY-MM-DD_Final] --- B["SCBU"]; A --- C[CDRL Item Number]; A --- D["Action Item Report"]; A --- E[Date of the Update]; A --- F[Revision: Draft or Final]</pre></div>			

- c. Action – the precise description of the required action as recorded in the Minutes.
- d. Responsibility – the name of the organization or person assigned responsibility for completing the action as recorded in the Minutes.
- e. Target Date – the current target date for completion of the action as recorded in Minutes.
- f. Status – the current status of action item completion (open, on hold, closed, cancelled) as recorded in Minutes.

Action items that have been reported as cancelled or closed in a previous AIR do not need to be included in subsequent AIRs.

10.2.4 The list of action items must be sorted:

- a. first by Status (descending Z to A) such that 'open' action items appear first, followed by 'on hold', 'cancelled' and 'closed' action items;
- b. second by Meeting Date (Oldest to Newest) such that the "oldest" originated action items appear first;
- c. third by Target Date (Oldest to Newest) such that the "oldest" Target Dates appear first; and
- d. fourth by ID (ascending A to Z).

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE First Article Approval Procedure (FAAP)		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-001	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The FAAP must provide the procedural details of the inspection to be conducted on an initial subset of deliverable items from the Contractor's production line, considered as "first articles".			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The FAAP format and content must be compatible with that of the First Article Inspection Report (DID SE-003).			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES Reference: AS9102B Aerospace First Article Inspection Requirement 10.1 Format 10.1.1 The FAAP must be formatted per AS9102B. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010, however PDF copies may be submitted in addition to MS Office copies in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center; margin: 20px 0;"> <pre> graph TD A[SCBU_006_FAAP_YYYY-MM-DD_Final] --- B["SCBU"] A --- C[CDRL Item Number] A --- D["First Article Approval Plan"] A --- E[Date of the Plan Revision] A --- F[Revision: Draft or Final] </pre> </div>			
10.2 Content 10.2.1 The FAAP must include the following content as a minimum. <div style="margin-left: 20px;"> 1.0 INTRODUCTION 1.1 Scope <p>This First Article Approval Procedure (FAAP) has been prepared in response to DND Contract W8476-206172 CDRL Item Number 007.</p> <p>This FAAP establishes requirements for performing and documenting the First Article Inspection (FAI) of</p> </div>			

the Switch and Breaker Unit (SCBU), SCBU Driver's Switch and Signal Entry Panel (SEP).

1.2 Purpose

The purpose of FAI is to provide objective evidence that all engineering, design and specification requirements are correctly understood, accounted for, verified, and recorded.

1.3 Convention

Terminology specified in AS9102B (See Reference 2 of Paragraph 2.0 below) applies to this FAAP.

2.0 REFERENCES

1. Annex A of Contract W8476-206172 (referred to herein as, "The SOW")
2. SAE AS9102B, Aerospace First Article Inspection Requirement, Rev B, 2014-10-06 (referred to herein as "AS9102B")

3.0 DEFINITIONS

Definitions specified in AS9102B apply to this FAAP.

4.0 APPLICABILITY

This FAAP applies to the SCBU, SCBU Driver's Switch and SEP assemblies and sub-assemblies. This FAAP applies to *[insert Contractor name]* and subcontractor organizations that are responsible for producing the design characteristics of the SCBU, SCBU Driver's Switch and SEP. *[insert Contractor name]* will flow down the requirements of this FAAP to suppliers who produce design characteristics.

5.0 REQUIREMENTS

5.1 Part Requirements

[insert Contractor name] will perform FAI on samples of the products listed below, that have been randomly selected by the Department of National Defence (DND) from Low Rate Initial Production (LRIP).

5.1.1 Assemblies: *[insert Contractor name]* will perform FAI separately on the following assemblies:

- 1586505-1, SCBU ASSY, MAIN, SOTM;
- 1586509-1, SCBU SWITCH, DRIVER; and
- 1586491-1, SIGNAL ENTRY PANE, SOTM.

5.1.2 Subassemblies: *[insert Contractor name]* will perform FAI on the following subassemblies:

For the SCBU – 1586505:

- 9381496-9, GROUNDING STRAP ASSY, LONG, 367.8 LG;
- 1586506-1, BOX, SCBU ASSY:
 - 1586506-2, BOX.
- 1586507-1, COVER, SCBU:
 - 1586507-2, COVER.
- 1698881-1, CABLE ASSY, J1, SCBU;
- 1698882-1, CABLE ASSY, J2, SCBU;
- 1698883-1, CABLE ASSY, J3, SCBU;
- 1698884-1, CABLE ASSY, RLY-87 TO TB-4, SCBU;

1698885-1, CABLE ASSY, RLY-30 TO TB-1,SCBU;
1698886-1, CABLE ASSY, SW1-3 TO TB-1, SCBU;
1698887-1, CABLE ASSY, SW1-1 TO CB-2, SCBU;
1698888-1, CABLE ASSY, SW2-1 TO TB-5/LED1-1, SCBU; and
1698889-1, CABLE ASSY, LED2-1 TO TB-8, SCBU.

For the SCBU Driver's Switch – 1586509:

1586510-1, BOX, SCBU SWITCH, DRIVER: and
1586510-2, BOX.
1586511-1, COVER, SCBU SWITCH, DRIVER.

For the SEP – 1586491:

1586492-1, RISER, SEP, SOTM:
1586493-1, BASE PLATE, RISER;
1586494-1, TUBE, RISER;
1586495-1 SIDE PLATE, RISER;
1586496-1 BEZEL PLATE, RISER;
1586497-1 TOP PLATE, RISER; and
1586498-1 BOTTOM PLATE, RISER.
1586499-1, CONNECTION PLATE, SEP;
1586500-1, GASKET, PANEL, SEP;
1586502-1, GASKET, BASE, SEP;
1586522-1, CAPPING PLATE, SEP, SOTM; and
9381496-9, GROUNDING STRAP ASSY, LONG, 367.8 LG.

5.2 Evaluation Activities

FAI will include the following evaluation activities. The Technical Authority (TA) will witness the conduct of FAI:

- 5.2.1 First Article Inspection: *[insert Contractor name]* will conduct the FAI evaluation activities specified in the SOW in accordance with AS9102B.
- 5.2.2 Certificates of Conformance: As part of FAI, *[insert Contractor name]* will, produce, the following C of Cs for examination, as requested by the TA:

For the SCBU – 1586505:

24-6040-9716, SOLDER, FLUX CORE, 60/40 TIN/LEAD, FLUX TYPE RMA
602 GP 04, TERMINAL BLOCK, 30A RATING, 0.164-32 SCREWS, DOUBLE ROW, OPEN BACK, 4 COLUMNS;
8498K6, GUARD, TOGGLE SWITCH, RED, NON TOGGLING;

8530K39, SWITCH, SPST, NON ILLUMINATED, ON/NONE/OFF, 20A;
90296A303, HELICAL INSERT, SCREW-LOCK TYPE, M5 X 0.8-6H 39428 INTERNAL THREAD, 10.0 LG, 18-8 STAINLESS STEEL
90576A104, NUT, SLFLKG, HEXAGON, NYLON INSERT, M5X0.80-6H, CLASS 6, STEEL, ZINC PLD;
90591A151, NUT, HEX, M6, CLASS 8, STEEL, ZINC PLATED;
91166A240, WASHER, FLAT, ROUND M5 NOM, DIN STD, STEEL, ZINC PLD.
91166A250, WASHER, FLAT, ROUND, M6 NOM, 6.4 ID X 12.0 OD X 1.4-1.8 THK, STEEL, ZINC PLD; and
91202A234, LOCKWASHER, HELICAL SPLIT TYPE, M6 NOM, STEEL, ZINC PLD.
91420A324, SCREW, MACHINE, 90° FLAT HEAD, CROSS RECESSED, M5X0.80-6g X 14.0 LG, STEEL, ZINC PLD;
D10-250, FEMALE DISCONNECT, NOT INSULATED, 12-10 AWG, 6.3 X 0.8 mm TAB SIZE
D14-250B TERMINAL, FEMALE DISCONNECT, NON INSULATED, 16-14 AWG BARREL CAPACITY, 0.250 X 0.032 TAB SIZE
D18-250, FEMALE DISCONNECT, NOT INSULATED, 22-18 AWG, 6.3 X 0.8 mm TAB SIZE
D38999/24WA98SN, CONNECTOR, ELECTRICAL, JAM NUT, CIRCULAR, THREADED, STRAIGHT, REMOVABLE CRIMP CONTACTS, SERIES III, METRIC, 22-SOCKET
D38999/24WE8SN, CONNECTOR, ELECTRICAL, JAM NUT, CIRCULAR, THREADED, STRAIGHT, REMOVABLE CRIMP CONTACTS, SERIES III, METRIC, 22-SOCKET
DNF18-110-C, FEMALE DISCONNECT, NYLON INSULATED, FUNNEL ENTRY, 18 AWG, 2.8 X 0.8 mm TAB SIZE
FH-M5-20ZI, CAPTIVE STUD, PRESS-IN, M5 X 0.8-6g, 20.0 LG, ZINC PLD, STEEL
FIT-221-3/16 BLK, TUBING, HEAT SHRINKABLE, POLYOLEFIN, 00.188 IN, COLOUR BLACK
FIT-221-3/16 BLK, TUBING, HEAT SHRINKABLE, POLYOLEFIN, 4.76 (0.188 IN) ID, COLOUR BLACK
FIT-221-3/16 RED, TUBING, HEAT SHRINKABLE, PILKYOLEFIN, 00.188IN, RED
FIT-221-3/8 BLK, TUBING, HEAT SHRINKABLE, POLYOLEFIN, 9.53 (0.375 IN) ID, BLACK
FIT-221-3/8 RED, TUBING, HEAT SHRINKABLE, POLYOLEFIN, 9.53 (0.375 IN) ID, RED
J 602, JUMPER, 2 CONTACT, NICKEL PLATED BRASS, 0.91 LONG;
M22759/34-8-0, WIRE, ELECTRICAL, 8 AWG, FLUOROPOLYMER-INSULATED, CROSSLINKED MODIFIED ETFE, LIGHTWEIGHT, TIN-COATED COPPER, 150°C, 600 VOLT, BLACK
M22759/34-8-2, WIRE, ELECTRICAL, 8 AWG, FLUOROPOLYMER-INSULATED, CROSSLINKED MODIFIED ETFE, LIGHTWEIGHT, TIN-COATED COPPER, 150°C, 600 VOLT, RED
MS3454W20-24P, CONNECTOR, ELECTRICAL, JAM NUT, STRAIGHT, SHELL SIZE 20, 24 POS, ELECTROLESS NICKEL FINISH
P14-6R, TERMINAL, RING TONGUE, NON INSULATED, 18-14 AWG WIRE SIZE, 0.138 STUD SIZE

P14-8R, ERMINAL, RING TONGUE, COPPER BODY, TIN PLD, NON INSULATED, 18-14 AWG BARREL CAPACITY, 0.164 STUD SIZE

P18-8R, CONNECTOR, TERMINAL, RING TONGUE, NON-INSULATED, 22-16 AWG WIRE SIZE, 0.164 NOM STUD SIZE

P8-10R, TERMINAL, RING TONGUE, NON-INSULATED, # 8 WIRE SIZE, 05.08 STUD SIZE, COPPER, TIN PLD

P8-8R, TERMINAL, RING TONGUE, NON-INSULATED, # 8 WIRE SIZE, 04.32 (0.17 IN) STUD SIZE, COPPER, TIN PLD

V23134B1053C642, RELAY, SPST, NORMALLY OPEN, 24V, 40A RATING, 6.3 X 0.8 mm TAB SIZE;

W58-XC4C12A-20, CIRCUIT BREAKER, PUSH TO RESET, 50 VDC, 250 VAC, 20 AMP, 0.138-32 SCREW TERMINALS;

WIRE, ELECTRICAL FLUOROPOLYMER-INSULATED, CROSSLINKED MODIFIED ETFE, LIGHTWEIGHT. TIN-COATED COPPER, 150°C, 600 VOLT, RED

WIRE, ELECTRICAL, FLUOROPOLYMER-INSULATED, CROSSLINKED MODIFIED ETFE, LIGHTWEIGHT, TIN-COATED COPPER, 150°C, 600 VOLT, BLACK

WIRE, ELECTRICAL, No 18 AWG, STRANDED TIN COATED COPPER CONDUCTOR, INSULATION, FLUOROPOLYMER, CROSSLINKED MODIFIED ETFE, RED

WIRE, ELECTRICAL, No 18 AWG, STRANDED TIN COATED COPPER CONDUCTOR, INSULATION, FLUOROPOLYMER, CROSSLINKED MODIFIED ETFE, BLACK

WIRE, ELECTRICAL, No. 14 AWG, STRANDED TIN COATED COPPER CONDUCTOR, INSULATION, FLUOROPOLYMER, CROSSLINKED MODIFIED ETFE, RED

WL-19011351, LED, GREEN, 8 mcd, 24 VDC, 20 mA, PANEL MOUNT, FLAT BEZEL, 2.8 X 0.8 mm TAB SIZE;

WL-19011352, LED, YELLOW, 8 mcd, 24 VDC, 20 mA, PANEL MOUNT, FLAT BEZEL, 2.8 X 0.8 TAB SIZE;

XSL-96-427, LABEL, VINYL, ADHESIVE, BLACK ON WHITE, 25.4 X 19.1 X 9.52 mm

For the SCBU Driver's Switch – 1586509:

8498K6, GUARD, TOGGLE SWITCH, RED, NON TOGGLING;

8530K39, SWITCH, SPST, NON ILLUMINATED, ON/NONE/OFF, 20A WL-19011352 LED, YELLOW, 8 mcd, 24 VDC, 20 mA, PANEL MOUNT, FLAT BEZEL, 2.8 X 0.8 TAB SIZE;

90296A303, HELICAL INSERT, SCREW-LOCK TYPE, M5X0.8-6H INTERNAL THREAD, 10.0 LG, 18-8 STAINLESS STEEL

90591A151, NUT, HEX, M6, CLASS 8, STEEL, ZINC PLATED;

91166A250, WASHER, FLAT, ROUND, M6 NOM, 6.4 ID X 12.0 OD X 1.4-1.8 THK, STEEL, ZINC PLD; and

91202A234, LOCKWASHER, HELICAL SPLIT TYPE, M6 NOM, STEEL, ZINC PLD.

91420A324, SCREW, MACHINE, 90° FLAT HEAD, CROSS RECESSED, M5X0.80-6g X 14.0 LG,

STEEL, ZINC PLD;

D18-250-C, FEMALE DISCONNECT, NOT INSULATED, 20 AWG, 6.3 X 0.8 TAB SIZE;

D38999/24WA98PN, CABLE CONNECTOR, JAM NUT RECEPTACLE, THREADED COUPLING, PIN CONTACTS, SHELL SIZE 9, ALUMINUM SHELL, CADMIUM OLIVE DRAB FINISH;

DNF18-110-C, FEMALE DISCONNECT, NYLON INSULATED (BARREL ONLY), FUNNEL ENTRY, 20 AWG, 2.8 X 0.8 TAB SIZE;

FH-M6-18ZI, CAPTIVE STUD, PRESS-IN, M6X1.0-6g, 18.0 LG, ZINC PLD, STEEL

M81044/12-20-0, WIRE, ELECTRICAL, CROSSLINKED POLYALKENE INSULATED, TIN COATED STRANDED COPPER CONDUCTOR, 600 VOLT, 150° C MAX TEMPERATURE, No 20 AWG, COLOUR, BLACK SAE-AS-81044/12;

M81044/12-20-2, WIRE, ELECTRICAL, CROSSLINKED POLYALKENE INSULATED, TIN COATED STRANDED COPPER CONDUCTOR, 600 VOLT, 150° C MAX TEMPERATURE, No 20 AWG, COLOUR, RED SAE-AS-81044/12;

WL-19011352, LED, YELLOW, 8 mcd, 24 VDC, 20 mA, PANEL MOUNT, FLAT BEZEL, 2.8 x 0.8 Tab Size

For the SEP – 1586491:

10-553974-099, DUMMY RECEPTACLE, D38999 SHELL 9;

10-553974-179, DUMMY RECEPTACLE, D38999 SHELL 17;

1163-000-N330, DUMMY RECEPTACLE, N TYPE;

172124, CONNECTOR, BULKHEAD ADAPTER, N, F-F ADAPTER 8AME4;

39066, SCREW, CAP, HEXAGON HEAD, M6X1-6g X 25.0 LG, CLASS 8.8, STEEL, NOT PLD

90576A102, NUT, SLFLKG, HEXAGON, NYLON INSERT, M3 X 0.50-6H, CLASS 8, STEEL, ZINC PLD;

90576A115, NUT, SLFLKG, HEXAGON, NYLON INSERT, M6 X 1.00-6H, CLASS 8, STEEL, ZINC PLD;

90854A132, SCREW, CAP, HEXAGON HEAD, M6 X1.0-6g X 16.0 LG, CLASS 10.9, FULLY THREADED TYPE, STEEL, YELLOW ZINC PLD;

90854A189, SCREW, CAP, HEXAGON HEAD, M10X1.5-6g X 25.0 LG, CLASS 10.9, FULLY THREADED TYPE, STEEL, YELLOW ZINC PLD;

91166A210, WASHER, FLAT, ROUND, M3 NOM, STEEL, ZINC PLD;

91166A280, WASHER, FLAT, ROUND, M10 NOM, DIN STD, STEEL, ZINC PLD;

91202A234, LOCKWASHER, HELICAL SPLIT; and TYPE, M6 NOM, STEEL, ZINC PLD.

91202A242, LOCKWASHER, HELICAL SPLIT, TYPE, M10 NOM, STEEL ZINC PLD;

91455A120, WASHER, FLAT, ROUND, M6 NOM, HIGH STRENGTH STEEL, ZINC PLD; and

92005A122, SCREW, MACHINE, PAN HEAD PHILLIPS, M3 X 0.50-6g X 12.0 LG, ZINC PLD STEEL;

M39012/25-0012, TYPE N MALE CAP AND CHAIN;

VC-06-00005-2, GASKET, MOUNTING, OUTLINE VDS 110 ANTENNA;

- 5.2.3 **Test Data:** As part of the FAI *[insert Contractor name]* will, produce for examination, as requested by the TA, the test data for testing conducted per the SOW on the following:

1586505-1, SCBU ASSY, MAIN, SOTM;
1698881-1, CABLE ASSY, J1, SCBU;
1698882-1, CABLE ASSY, J2, SCBU;
1698883-1, CABLE ASSY, J3, SCBU;
1698884-1, CABLE ASSY, RLY-87 TO TB-4, SCBU;
1698885-1, CABLE ASSY, RLY-30 TO TB-1, SCBU;
1698886-1, CABLE ASSY, SW1-3 TO TB-1, SCBU;
1698887-1, CABLE ASSY, SW1-1 TO CB-2, SCBU;
1698888-1, CABLE ASSY, SW2-1 TO TB-5/LED1-1, SCBU;
1698889-1, CABLE ASSY, LED2-1 TO TB-8, SCBU;
1586509-1, SCBU SWITCH, DRIVER; and
1586491-1, SIGNAL ENTRY PANEL, SOTM.

5.3 **Partial or Re-accomplishment of First Article Inspection**

[insert Contractor name] will comply with the Partial and Re-accomplishment requirements specified in AS9102B.

5.4 **Nonconformance Handling**

[insert Contractor name] will comply with the Nonconformance Handling requirements specified in AS9102B.

5.5 **Documentation**

- 5.5.1 **Forms:** *[insert Contractor name]* will use the forms specified in AS9102B to document the results of the FAI.

- 5.5.2 **Characteristic Accountability:** *[insert Contractor name]* will verify every Design Characteristic during FAI following the procedures specified in AS9102B.

- 5.5.3 **Record of Results:** *[insert Contractor name]* will record the FAI results following the procedures specified in AS9102B.

- 5.5.4 **Reporting:** *[insert Contractor name]* will report the results of FAI in accordance with the SOW, in the following documents:

1. First Article Inspection Report – SCBU;
2. First Article Inspection Report – SCBU Driver's Switch; and
3. First Article Inspection Report – SEP.

5.6 **Control of Records**

[insert Contractor name] will retain all FAI documentation for the duration of the Contract Period.

Solicitation No. - N° de l'invitation
W8476-206172/A
Client Ref. No. - N° de réf. du client
W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE First Article Inspection Report (FAIR)		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-002	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The FAIR must record the results of the inspection conducted on an initial subset of deliverable line items considered as "first articles" from the Contractor's production line.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE The FAIR format and content must be compatible with that of the First Article Approval Procedure (DID SE-002).			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTES AS9102B	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES Reference: AS9102B Aerospace First Article Inspection Requirement 10.1 Format 10.1.1 The FAIR must be formatted per AS9102B. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010, however PDF copies may be submitted in addition to MS Office copies in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center;"><p>SCBU_007_FAIR_YYYY-MM-DD_Final</p><pre>graph TD A[SCBU_007_FAIR_YYYY-MM-DD_Final] --- B["SCBU"] A --- C["CDRL Item Number 007, 008 or 009"] A --- D["First Article Inspection Report"] A --- E["Date of the Report Revision"] A --- F["Revision: Draft or Final"]</pre></div>			

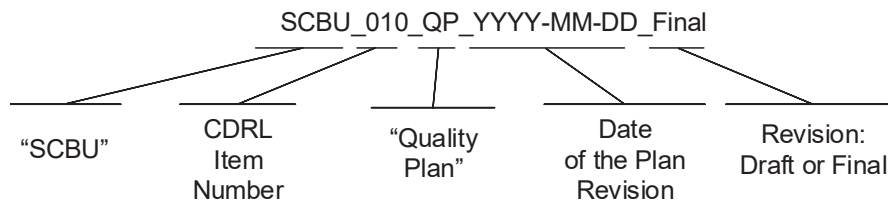
Solicitation No. - N° de l'invitation
W8476-206172/A
Client Ref. No. - N° de réf. du client
W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Quality Plan		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-003	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Quality Plan must provide a means of relating specific requirements of the Contract to general work methods and practices that support product realization.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES Reference: ISO 10005:2018, Quality management systems – Guidelines for quality plans (revision as at the time of bid submission) 10.1 Format 10.1.1 The Quality Plan body must be presented in “table” type format IAW Example 2 of Annex A of ISO 10005:2018. For each Activity, the table must provide: a. a summary Description, and b. cross references to documents/procedures that provide detailed written work instructions per Paragraph 5.4.4.b of ISO 10005:2018, of how the Activity requirements will be met. Cross referenced documents/procedures may include: a. pre-existing Standard Operating Procedures (SOP) from the Contractor's Quality Management System (QMS) (preferable), b. supplementary procedures to address the particulars of the Activity requirements (as necessary), or c. a combination of the above (realistically). All referenced documents/procedures must be included with the bid. 10.1.2 Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010, however PDF copies may be submitted in addition to MS Office copies in order to facilitate the acquisition and presentation of approval signatures. 10.1.3 The electronic file naming format must be as follows:			



10.2 Content

10.2.1 The Quality Plan introductory information must contain the following:

- a. Contract Number and Contract Title.
- b. CDRL Item Number.

10.2.2 Quality Plan body content must address each of the Activities described in the following paragraphs per the guidelines provided in ISO 10005:2018. In the following subparagraphs, the term Project is to be understood as all processes, products and services necessary to comply with and fulfill the requirements of the Contract.

10.2.2.1 Quality Objectives

The Quality Plan must state:

- a. the quality objectives for the Work, and
- b. how they will be achieved.

Quality objectives may be established, for example, in relation to:

- a. quality characteristics for the Work;
- b. important issues for satisfaction of DND, the Contractor or other interested parties, such as those described in Paragraphs 3.1.3, 3.2.1 and 4.2.2 of Annex A for example; and
- c. opportunities for improvement of the Work.

These quality objectives must be expressed in measurable terms. Any required measurement processes needed to determine achievement of the quality objectives must be included or referenced in the Quality Plan.

10.2.2.2 Quality Plan Responsibilities

The Quality Plan must identify the particular people/positions within the Contractor's organization who are responsible for:

- a. ensuring that the activities and resources required for the Quality Plan and the Contract are planned, implemented and controlled, and their progress monitored;
- b. reviewing Quality Plan inputs, recording these reviews and resolving conflicts and ambiguities;
- c. communicating requirements to all affected Contractor departments and functions, external providers and the PSPC Contracting Authority (CA), the DND Technical Authority (TA), and the DND Procurement Authority, and resolving problems that arise at the interfaces between such groups;
- d. reviewing the results of any audits conducted; and
- e. reviewing and authorizing changes to, or deviations from, the Quality Plan.

Reporting lines of the people/positions in the Contractor's organization involved in implementing the Quality Plan must be presented in the form of an organizational chart, clearly depicting reporting lines of authority/responsibility.

10.2.2.3 **Control of Documented Information**

For Government Furnished Information (GFI) (See Paragraph 2.1.1.1 of Annex A), the Quality Plan must state:

- a. how the documented information must be identified;
- b. by whom the documented information must be reviewed and approved;
- c. how distribution of, and access to, the documented information must be controlled; and
- d. how the documented information must be maintained and protected.

For deliverable data (See Paragraph 4.2.2 of Annex A), which must be generated and retained to provide evidence of conformity with requirements, the Quality Plan must state:

- a. how, where and for how long evidence of conformity must be retained;
- b. what DND deliverable data requirements are, and how they must be complied with;
- c. what methods must be used to ensure that such deliverable data is protected from unintended alteration and made available when required;
- d. what deliverable data will be provided to DND, when and by what means; and
- e. in what format and media deliverable data will be provided.

10.2.2.4 **Resources**

10.2.2.4.1 **Provision of Resources**

The Quality Plan must specify the type and amount of resources needed for the successful implementation of the Quality Plan.

These resources can include people, internally or externally provided processes, products or services, infrastructure and environment for the operation of processes, monitoring and measurement resources, and specialized knowledge and expertise.

10.2.2.4.2 **Material, Products and Services**

The Quality Plan must state the specific characteristics to which required materials, products and services must conform, such as those described in Section 8.0 of Annex A for example.

10.2.2.4.3 **People**

The Quality Plan must specify the competence required for defined roles or activities within the Project. The Quality Plan must define any specific training, organizational knowledge or other actions required for personnel, such as those described in Paragraphs 3.2.5.2 and 3.2.7.7 of Annex A for example. This must include:

- a. the need for, and training of, new personnel;
- b. the training of existing personnel in new or revised operating methods.

10.2.2.4.4 **Infrastructure and Environment for the Operation of Processes**

The Quality Plan must state

- a. the requirements of the Project with regard to buildings and associated utilities, workspace and communication technology, support services and transportation, such as those described in Paragraph 3.2.5.3 of Annex A for example; and
- b. the relevant environmental characteristics to be considered where the production environment has a direct effect on product, service or process quality.

10.2.2.4.5 **Monitoring and Measuring Resources**

The Quality Plan must specify:

- a. the resources needed to ensure valid and reliable results when monitoring or measuring to verify the conformity of products and services to requirements; and
- b. the controls to be used for monitoring and measuring resources intended for use for the Project, including requirements for calibration or verification.

10.2.2.5 **Customers and Other Interested Parties Communication**

The Quality Plan must state:

- a. who is responsible for communication with DND, PSPC and other interested parties;
- b. the methods to be used for communication, such as those described in Section 4.2 of Annex A for example;
- c. when the communication is needed;
- d. the process to be followed when DND feedback is received;
- e. the documented information that must be retained from communications and/or on complaints received from DND and other interested parties.

10.2.2.6 **Control of Design Changes / Deviations and Waivers**

The Quality Plan must state:

- a. how requests for design changes / deviations and waivers must be controlled;
 - b. who is authorized to initiate requests for design change / deviation, and requests for waiver;
 - c. how changes must be reviewed in terms of their impact;
 - d. who is authorized to approve or reject design changes / deviations and waivers; and
 - e. how the implementation of design changes / waivers must be verified;
- in accordance with Paragraph 7.1 of Annex A.

10.2.2.7 **Externally Provided Processes, Products and Services**

The Quality Plan must specify:

- a. the critical characteristics of externally provided processes, products and services that can affect the Project, such as those described in Section 8.0 of Annex A;
- b. how those characteristics will be communicated to external providers;
- c. the methods to be used for the evaluation and control of external providers including, when necessary, alternative or supplementary external providers;
- d. requirements for external provider quality plans, other plans and first article inspections where applicable; and
- e. how the organization intends to verify that externally provided products and services conform to specified requirements.

10.2.2.8 **Production and Service Provision**

Through the application of risk-based thinking, the Quality Plan must specify the inputs, processes and outputs required, such as those described in Paragraph 3.2.6.3 of Annex A for example, for carrying out production and service provision including:

- a. the process steps;
- b. relevant documented information;
- c. the tools, equipment, software, information and methods, such as those described in Paragraph 3.2.5.4 of Annex A for example, to be used to achieve the specified requirements, including details of any necessary

- material, product, service, process, software application, certification or validation;
- d. required controlled conditions to meet planned arrangements, methods for verifying compliance with such conditions, including any specified statistical or other process controls;
 - e. requirements for competence and/or qualification (See Paragraph 10.2.2.4.3 above);
 - f. criteria for the acceptance of products, services and other process outputs;
 - g. applicable statutory and regulatory requirements;
 - h. industry codes and practices;
 - i. implementation of actions to prevent human error; and
 - j. arrangements for release, delivery and post-delivery activities.

The Quality Plan must state how production equipment will be installed and verified, and which characteristics need to be validated during commissioning.

10.2.2.9 Identification and Traceability

The Quality Plan must state:

- a. specific requirements, such as those described in Paragraph 3.2.7.6 of Annex A. and methods for the identification of the production and test status of products;
- b. how contractual, or other relevant traceability requirements are identified and incorporated into documented information; and
- c. what documented information is to be retained to provide evidence of meeting traceability requirements, and how it will be controlled.

10.2.2.10 Property Belonging to DND or External Providers

The Quality Plan must state:

- a. how GFE listed in Appendix A3 of Annex A, and intellectual property identified in Article 7.2.3 of the Contract, for example, or products and services provided by external providers are identified and controlled;
- b. the methods to be used to verify that these products and services meet specified requirements; and
- c. how nonconforming GFE, products and services will be controlled.

10.2.2.11 Preservation of Products

The Quality Plan must state:

- a. requirements for identification, handling, contamination control, storage, packaging, delivery, transportation and protection and how these requirements will be met; and
- b. how the products will be delivered in a manner that will ensure that required characteristics are not degraded;

in accordance with Articles 7.15 and 7.16 of the Contract, and Section 9.0 of Annex A.

10.2.2.12 Control of Nonconforming Product

The Quality Plan must define:

- a. how nonconforming products will be identified (e.g. first article inspection per Paragraph 3.2.6.4 of Annex A for example) and controlled to prevent unintended use (e.g quarantine) until proper disposition (e.g. corrective measures) or acceptance by concession (e.g. waiver per Paragraph 7.1 of Annex A) is completed; and
- b. specific limitations, such as the degree or type of rework or repair allowed, and how such rework or repair

will be authorized.

10.2.2.13 **Monitoring and Measurement**

The Quality Plan must specify the monitoring and measurement processes, such as those described in Paragraph 3.2.6.3 of Annex A for example, by which objective evidence of product conformity will be obtained, separately for the.

- a. SCBU;
- b. SCBU Driver's Switch; and
- c. SEP;

by defining the following, separately for each of the above:

- a. process and output monitoring and measurements to be applied;
- b. the stages at which they will be applied;
- c. the quality characteristics to be monitored and/or measured at each stage;
- d. hardware and software, and any associated ancillaries (such as fixtures) to establish inspection and/or test capabilities to monitor and/or measure the quality characteristics;
- e. the acceptance (pass or fail) criteria to be used;
- f. any statistical process control methods to be applied;
- g. where inspections or tests are required to be witnessed or performed by DND or other interested parties;
- h. where, when and how the Contractor intends to use external providers to perform inspections or tests; and
- i. the criteria for release of processes, products and services.

10.2.2.14 **Audits**

The Quality Plan must specify the type of audits to be performed for the Project, such as those described in Paragraph 6.2 of Annex A for example, the nature and extent of such audits and how the results of the audits must be used:

- a. to monitor the implementation and the effectiveness of the Quality Plan;
- b. to monitor and verify conformity with specified requirements;
- c. for surveillance of external providers to the Contractor;
- d. to provide independent objective assessment, when required, to meet the needs of DND or other interested parties.

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Request for Design Change / Deviation		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-004	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Request for Design Change / Deviation must be 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 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS DND 672	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES Reference: D-02-006-008/SG-001 The Design Change, Deviation and Waiver Procedure 10.1 Format 10.1.1 Design Change / Deviations must be submitted using form DND 672. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies may be submitted in PDF format in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center;"><p>SCBU_011_DND 672 XXXX_YYYY-MM-DD</p><pre>graph TD A[SCBU_011_DND 672 XXXX_YYYY-MM-DD] --- B["'SCBU'"] A --- C[CDRL Item Number] A --- D["'DND 672'"] A --- E[Contractor's Serial Number] A --- F[Date of Submission]</pre></div>			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Request for Waiver		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-005	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Request for Waiver must be 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 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTES DND 675	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES Reference: D-02-006-008/SG-001 The Design Change, Deviation and Waiver Procedure 10.1 Format 10.1.1 Requests for Waiver must be submitted using form DND 675. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies may be submitted in PDF format in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center;"><p>SCBU_012_DND 675 XXXX_YYYY-MM-DD</p><pre>graph TD; A[SCBU_012_DND 675 XXXX_YYYY-MM-DD] --- B["SCBU"]; A --- C[CDRL Item Number]; A --- D["DND 675"]; A --- E[Contractor's Serial Number]; A --- F[Date of Submission]</pre></div>			

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DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Request for Additional Work		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-006	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Request for Additional Work must be used to request authorization to conduct work that is within the scope of the Contract but not specifically detailed in the Statement of Work.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority		6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS PWGSC-TPSGC 1379	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 PWGSC-TPSGC 1379 Work Arising or New Work. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies may be submitted in PDF format in order to facilitate the acquisition and presentation of approval signatures. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center;"><p>SCBU_013_1379 XXXX_YYYY-MM-DD</p><pre>graph TD A[SCBU_013_1379 XXXX_YYYY-MM-DD] --- B["SCBU"] A --- C[CDRL Item Number] A --- D["1379"] A --- E[Contractor's Serial Number] A --- F[Date of Submission]</pre><p>"SCBU" CDRL Item Number "1379" Contractor's Serial Number Date of Submission</p></div> 10.2 Content 10.2.1 Request for Additional Work forms must be completed IAW PWGSC-TPSGC 1379 Work Arising or New Work.			

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Delivery Report		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION SE-007	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Delivery Report must provide identification details regarding each item included in each delivery.			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority	6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT	
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTS	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES <div style="margin-top: 10px;"> 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center; margin-top: 20px;"> <pre> graph TD A[SCBU_014_DR_YYYY-MM-DD] --- B[SCBU] A --- C[014] A --- D[DR] A --- E[YYYY-MM-DD] B --- B1["Contract Number"] C --- C1["CDRL Item Number"] D --- D1["Delivery Report"] E --- E1["Date of the Report"] </pre> </div> </div>			
10.2 Content 10.2.1 The Delivery Report introductory information must contain the following: <ul style="list-style-type: none"> a. Contract Number and Contract Title. b. CDRL Item Number. 10.2.2 Each Delivery Report must include all deliveries that were made between the first and last day of a given month. 10.2.3 For each quantity of each CLIN delivered, the Delivery Report body must include the following: <ul style="list-style-type: none"> a. Confirmation that each unit in the delivery has passed all tests and quality control processes; b. Part Number and Revision; c. NATO Contractor and Government Entity (NCAGE); d. Item Description; e. NATO Stock Number (NSN); f. Contract Number; 			

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- g. Contract Line Item Number (CLIN);
- h. Ship-to Location;
- i. Delivery Date;
- j. Warranty Expiry Date;
- k. Unit of Purchase;
- l. Delivered Quantity;
- m. Price per Unit of Purchase;
- n. Weight per Unit of Purchase;
- o. Volume per Unit of Purchase;
- p. Height per Unit of Purchase;
- q. Depth per Unit of Purchase; and
- r. Width per Unit of Purchase.

DATA ITEM DESCRIPTION – DESCRIPTION DE DONNÉES

1. TITLE – TITRE Warranty Repair Report		2. IDENTIFICATION NUMBER – NUMÉRO D'IDENTIFICATION ISS-001	
3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET The Warranty Repair Report is used to report the Contractor's findings and repair action taken for SCBUs, SCBU Driver's Switches and SEPs returned to the Contractor for warranty repair			
4. APPROVAL DATE DATE D'APPROBATION 2018 July 5	5. OFFICE OF PRIMARY INTEREST (OPI) BUREAU DE PREMIÈRE RESPONSABILITÉ (BPR) Technical Authority	6. GIDEP APPLICABLE – PROGRAMME D'ÉCHANGE DE DONNÉES PERTINENT	
7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE			
8. ORIGINATOR – AUTEUR Technical Authority		9. APPLICABLE FORMS – FORMULES PERTINENTES	
10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES 10.1 Format 10.1.1 Contractor format is acceptable. Hard copies must use 8.5 inch x 11 inch (216 mm x 279 mm) paper. Soft copies must be compatible with MS Office Suite 2010. 10.1.2 The electronic file naming format must be as follows: <div style="text-align: center; margin: 10px 0;"> <pre> graph TD A[SCBU_015_WRR_YYYY-MM-DD] --- B["SCBU"] A --- C[015] A --- D[WRR] A --- E[YYYY-MM-DD] C --- F["CDRL Item Number"] D --- G["Warranty Repair Report"] E --- H["Date of the Report"] </pre> </div>			

APPENDIX A3

GOVERNMENT FURNISHED EQUIPMENT

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Government Furnished Equipment

Item	NSN	Quantity
SCBU Assembly, Main, SOTM (Pre-production Sample)	6110-20-010-8930	1
SCBU Switch, Driver (Pre-production Sample)	5930-20-010-9002	1
Signal Entry Panel Assembly, SOTM (Pre-production Sample)	5895-20-010-8986	1

APPENDIX A4

LABOUR CATEGORIES AND QUALIFICATIONS

1.0 Labour Categories and Qualifications

- 1.1** The qualifications and skill sets specified below are the minimum required for Contractor-provided personnel. The Contractor must be capable of providing personnel with the needed education and experience to perform the Work at the contracted rates for the particular skill set.
- 1.2** Junior Assembler: The minimum mandatory qualification requirements for the Junior Assembler are as follows:
- a. Education: A Secondary school diploma.
 - b. Experience: 1 to 2 years of relevant experience.
- 1.3** Senior Assembler: The minimum mandatory qualification requirements for the Senior Technician are as follows:
- a. Education: A Secondary school diploma.
 - b. Experience: a minimum of 3 years relevant experience.
- 1.4** Production Associate: The minimum mandatory qualification requirements for the Production Associate are as follows:
- a. Education: A Secondary school diploma.
 - b. Experience: 4 to 6 years of relevant experience
- 1.5** Production Supervisor: The minimum mandatory qualification requirements for the Production Supervisor are as follows:
- a. Education: Secondary school diploma.
 - b. Experience: a minimum of 7 years relevant experience.
- 1.6** Junior Technician: The minimum mandatory qualification requirements for the Junior Technician are as follows:
- a. Education: Graduation with a diploma in applicable technology from a recognized post-secondary institution.
 - b. Experience: 1 to 2 years of relevant experience
- 1.7** Senior Technician: The minimum mandatory qualification requirements for the Senior Technician are as follows:
- a. Education: Graduation with a diploma in applicable technology from a recognized post-secondary institution.
 - b. Experience: a minimum of 3 years relevant experience.
- 1.8** Junior Technologist: The minimum mandatory qualification requirements for the Junior Technologist are as follows:
- a. Education: Graduation with a diploma in applicable technology from a recognized post-secondary institution.

- b. Experience: 4 to 6 years of relevant experience

1.9 Senior Technologist: The minimum mandatory qualification requirements for the Senior Technologist are as follows:

- a. Education: Graduation with a diploma in applicable technology from a recognized post-secondary institution.
- b. Experience: a minimum of 7 years relevant experience.

1.10 Junior Engineer: The minimum mandatory qualification requirements for the Junior Engineer are as follows:

- a. Education: Graduation with a degree in engineering from a post-secondary institution recognized by the Canadian Council of Professional Engineers (CCPE) or, should the candidate's degree be from a non-CCPE recognized engineering program, engineering education credentials deemed 'substantially equivalent by the CCPE via an application to the Engineering International - Education Assessment Program (EI-EAP).
- b. Experience: 3 to 6 years of relevant experience.

1.11 Senior Engineer: The minimum mandatory qualification requirements for the Senior Engineer are as follows:

- a. Education: Graduation with a degree in engineering from a post-secondary institution recognized by the Canadian Council of Professional Engineers (CCPE) or, should the candidate's degree be from a non-CCPE recognized engineering program, engineering education credentials deemed 'substantially equivalent by the CCPE via an application to the Engineering International - Education Assessment Program (EI-EAP)..
- b. Experience: a minimum of 7 years of relevant experience.

1.12 Project Manager: The minimum mandatory qualification requirements for the Project Manager are as follows:

- a. Education: Bachelor of Engineering, Business Administration or Commerce or equivalent.
- b. Experience: a minimum of 7 years of relevant experience.

ANNEX B

BASIS OF PAYMENT

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1.0 INTRODUCTION

- 1.1 The Basis of Payment is established herein for the following considerations:
 - 1.1.1 Payment for Firm Quantities ,
 - 1.1.2 Payment for Design Changes and Deviations, and
 - 1.1.3 Payment for Additional Work.

2.0 BASIS OF PAYMENT

2.1 Payment for Deliverable Items

2.1.1 Payment for deliverable items will be made in accordance with the Multiple Payment provisions of the Contract upon receipt of a claim form PWGSC-TPSGC 1111 (See Annex C) for payment for items that have been delivered and accepted by Canada. Such payments will be made no more frequently than once per month.

2.1.2 Except for costs associated with design changes and deviations per Paragraph 0 below, and costs associated with additional work per Paragraph 2.3 below, all Contractor costs must be included within the unit prices specified in Figure B-1 and Figure B-2 below and as described in the following subparagraphs.

2.1.3 Firm Quantity

2.1.3.1 The Unit Prices for the Firm Quantities are specified in Figure B-1 below as follows:

2.1.3.1.1 The Contract Line Item Number (CLIN) and Description columns identify the items to be delivered. See Figure A-11 of Annex A for the Part Number, NCAGE and NSN of each CLIN.

2.1.3.1.2 The Firm Quantity column specifies the quantity of each CLIN to be delivered.

2.1.3.1.3 The Unit Price column specifies the firm unit price of each CLIN to be delivered.

2.1.3.1.4 The Extended Price column shows the product of the Firm Quantity multiplied by the Unit Price.

Figure B-1 Unit Prices for Firm Quantity

CLIN	Description	Firm Quantity	Unit Price	Extended Price
001	SCBU Assembly, Main, SOTM	360	\$	\$
002	SCBU Switch, Driver	360	\$	\$
003	Signal Entry Panel Assembly, SOTM	360	\$	\$
Total				\$

2.1.4 Optional Quantities

2.1.4.1 The Unit Prices for Optional Quantities are specified in Figure B-2 below as follows:

2.1.4.1.1 The Contract Line Item Number (CLIN) and Description columns identify the items to be delivered. See Figure A-11 of Annex A for the Part Number, NCAGE and NSN of each CLIN.

- 2.1.4.1.2 The Price Breakpoint Optional Quantity column lists the price break point quantity ranges upon which the Unit Prices are based.
- 2.1.4.1.3 The Contract Period Unit Price, Option Year 1 Unit Price and Option Year 2 Price columns specify the unit prices for each CLIN and Price Breakpoint Optional Quantity combination that will be in effect, for the duration of the contract, subject to adjustment due to:
- 2.1.4.1.3.1 recurring costs of associated authorized design changes and deviations listed in Figure B-3 below, and
- 2.1.4.1.3.2 associated last-time-buys listed in Figure B-7 below.
- 2.1.4.1.4 If an option is exercised the applicable Unit Price(s) from Figure B-2 below will be adjusted by the sum of the Unit Price Impacts of applicable CLIN design changes / deviations from Figure B-3 below and applicable CLIN component last-time-buys from Figure B-7 below.

Figure B-2 Unit Prices for Optional Quantities

CLIN	Description	Price Breakpoint Optional Quantity	Contract Period Unit Price	Option Year 1 Unit Price	Option Year 2 Unit Price
001	SCBU Assembly, Main, SOTM	up to 50	\$	\$	\$
		51 or more	\$	\$	\$
002	SCBU Switch, Driver	up to 50	\$	\$	\$
		51 or more	\$	\$	\$
003	Signal Entry Panel Assembly, SOTM	up to 50	\$	\$	\$
		51 or more	\$	\$	\$

2.2 Payment for Design Changes and Deviations

2.2.1 Particularly during the Initiation and Low Rate Initial Production phases, design changes and/or deviations may be required.

2.2.2 Authorization to conduct design changes and/or deviations must be granted following the procedure specified in Section 7.0 of Annex A by way of a Design Change / Deviation (DND 672) specified in Annex E.

2.2.2.1 Labour charges must be based on Firm Fixed Hourly Labour Rates from Figure B-4 below.

2.2.2.2 Markup for authorized Sub-contractor Services must be as specified in Figure B-5 below.

2.2.2.3 Markup for authorized Material must be as specified in Figure B-6 below.

2.2.3 Authorized design changes and deviations, their cost, and CLIN Unit Price Impact must be incorporated into Figure B-3 below through contract amendment. Canada will reimburse the Contractor for authorized design changes and deviations as follows:

2.2.3.1 Payment for non-recurring costs of authorized and duly recorded design changes and deviations will be made in accordance with the Multiple Payment provisions of the Contract upon receipt of a claim.

2.2.3.2 Payment for recurring costs of authorized and duly recorded design changes and deviations will be made in accordance with the Multiple Payment provisions of the Contract upon receipt of a claim for design changes and deviations that have been completed on all affected items and accepted by Canada.

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Figure B-3 Authorized Design Changes and Deviations

Design Change, Deviation or Waiver					Cost			Unit Price Impact			
Contractor's Serial No.	Title	Affected Item	Reference No	EC No.	Non- Recurring	Recurring	Total	CLIN	Contract Period	Option Year 1	Option Year 2
					Total						

2.3 Payment for Additional Work

2.3.1 Should there be a requirement for additional work, Canada will reimburse the Contractor as follows:

- 2.3.1.1 Approval to conduct additional work must be gained following the procedure specified in Section 7.0 of Annex A by way of an authorized Task Authorization (DND 626) specified in Annex D.
- 2.3.1.2 Labour charges must be based on Firm Fixed Hourly Labour Rates in Figure B-4 below.
- 2.3.1.3 Markup for authorized Sub-contractor Services must be as specified in Figure B-5 below.
- 2.3.1.4 Markup for authorized Material must be as specified in Figure B-6 below.
- 2.3.1.5 Payment for authorized Additional Work will be made in accordance with the Multiple Payment provisions or the Progress Payment provisions of the Contract, as applicable, upon receipt of a claim for Additional Work that has been completed and accepted by Canada.

2.3.2 General

2.3.2.1 Pricing Options

2.3.2.1.1 Firm Price: For additional work, the Contractor must submit a "Firm Price" excluding travel and living expenses to the PA when the scope of Work is clearly understood by both parties and no changes are anticipated in the scope of the Work. Where a firm price has been established, the Contractor will be obliged to complete the Work for the specified firm price. Travel and living expenses will be paid based on actual expenditure incurred by the Contractor in accordance with the Basis of Payment.

2.3.2.1.2 Ceiling Price: For additional work, the Contractor may submit a "Ceiling Price" quote excluding travel and living expenses to the PA when the scope of the Work cannot be clearly defined. The term Ceiling Price is the maximum price that is to be paid to the Contractor and beyond which the Contractor will not receive additional compensation for the defined Work and in return for which the Contractor is obligated to complete the Work. No additional funds will be made available. When the "Ceiling Price" approach is used both parties agree prior to the Work authorization that the price is subject to downward revision on completion of the task, based on the actual cost and verification of the actuals. Travel and living expenses will be paid based on actual expenditure incurred by the contractor in accordance with the contract. Each Task Authorization for additional work must clearly state whether the price is a "Firm Fixed Price" or a "Ceiling Price".

2.3.2.1.3 **Limitation of Expenditure Price:** When it is not possible for the Contractor to submit a "Firm Price" or a "Ceiling Price" as described above, the Contractor may submit a "Limitation of Expenditure" quote.

2.3.2.1.4 The "Firm Price", "Ceiling Price" and/or the "Limitation of Expenditure" quote must be based on the rates in Canadian Funds. All proposed prices and cost estimates must be supported by a detailed cost breakdown.

2.3.2.1.5 For a task which is subject to a "Limitation of Expenditure" as described in Sub-paragraph 2.3.2.1.3 above, the Contractor must notify the proper authority in writing as to the inadequacy of its "Limitation of Expenditure" when:

2.3.2.1.5.1 the resources required for its timely completion reaches 75% of the authorized task funding; or

2.3.2.1.5.2 if during the execution of the authorized tasking it appears to the Contractor that the Scope of Work is greater than had been anticipated and that the funds provided for a task are inadequate.

2.3.2.1.6 When providing the notification described in Sub-paragraph 2.3.2.1.5 above, the Contractor must, as a minimum, identify:

2.3.2.1.6.1 estimated labour hours and schedule forecast to complete,

2.3.2.1.6.2 work around plan, and

2.3.2.1.6.3 risk assessment.

2.3.2.1.7 A revised proposal and proper justification for the requested amendment must be submitted to the proper approval Authority for consideration. Under no circumstance is the authorized level of expenditure to be exceeded. Canada is under no obligation to pay for any Work that exceeds the authorized funding limitation.

2.3.2.1.8 All amounts charged on a "Ceiling price" or "Limitation of Expenditure" basis must be subject to Government audit before or after payment of an invoice.

2.3.2.2 Task Subject to Limitation of Expenditure

2.3.2.2.1 For a task that is subject to a "Limitation of Expenditure":

2.3.2.2.1.1 the Contractor must monitor the cost of Work and advise the PA when 75% of the funds authorized for each task have been expended, and provide an estimate with backup support indicating if the remaining 25% will be sufficient to cover the balance of the Work forecasted for the task.

2.3.2.2.1.2 If at any time during the Work it becomes evident to the Contractor that the authorized level of expenditure will be exceeded, the Contractor must immediately submit a written request for a Task Authorization Amendment.

2.3.2.2.1.3 When expenditures reach the authorized level of the DND 626, the Contractor must stop Work, notify the PA and await further written instructions from the PA and/or CA. Under no circumstances must the authorized level of the DND 626 be exceeded without prior written approval by the PA and/or CA.

2.3.2.2.1.4 The Contractor must not be obliged to perform any Work or provide any services that would cause the total liability of Canada to be exceeded without the prior written approval of the PA and/or CA in accordance with the Contract article entitled "Limitation of Expenditure".

2.3.2.3 Task Completion and Closure Procedures

2.3.2.3.1 The Contractor must monitor all tasks issued under the Contract. If at any time the Contractor believes that a specific task has been completed or has been inactive for a period of at least one (1) month, the Contractor must proceed as follows to request closure:

2.3.2.3.1.1 The Contractor must determine the final costs to Canada, itemized as necessary for each individual task being considered for closure.

2.3.2.3.1.2 The Contractor must submit a letter to the PA (copies to the TA and CA) requesting closure of the task with reference to reports or letters concerning the task as applicable.

2.3.2.3.1.3 In cases where authorized funds were not all expended to complete specific tasks, these funds are considered returned to the Contract funding baseline for re-issuance and/or re-distribution as necessary.

2.3.2.4 Consolidation of Task Authorizations for Administrative Purposes

2.3.2.4.1 For administrative purposes, the Contract will be amended by the CA from time to time to reflect all Task Authorizations issued and approved to date under the Contract.

2.3.2.4.2 Canada reserves the right, at any time, to acquire the requested Work by other means including by selecting other suppliers. For example, Canada may decide to acquire the requested Work by other means when the Contractor provides a written proposal that has been rejected by Canada.

Figure B-4 Firm Hourly Labour Rates

Item No.	Labour Category	Hourly Labour Rate				
		Contract Award to 31 Dec 2020	1 Jan 2021 to 31 Dec 2021	1 Jan 2022 to 31 Dec 2022	1 Jan 2023 to 31 Dec 2023	1 Jan 2024 to 31 Dec 2024
1	Junior Assembler	\$	\$	\$	\$	\$
2	Senior Assembler	\$	\$	\$	\$	\$
3	Production Associate	\$	\$	\$	\$	\$
4	Production Supervisor	\$	\$	\$	\$	\$
5	Junior Technician	\$	\$	\$	\$	\$
6	Senior Technician	\$	\$	\$	\$	\$
7	Junior Technologist	\$	\$	\$	\$	\$
8	Senior Technologist	\$	\$	\$	\$	\$
9	Junior Engineer	\$	\$	\$	\$	\$
10	Senior Engineer	\$	\$	\$	\$	\$
11	Project Manager	\$	\$	\$	\$	\$

Figure B-5 Allowable Markup for Sub-contractor Services

Period	Percentage Mark-up
Contract Period	%
Option Year 1	%
Option Year 2	%

Figure B-6 Allowable Markup for Material

Period	Percentage Mark-up
Contract Period	%
Option Year 1	%
Option Year 2	%

2.3.3 Last-Time-Buys

2.3.3.1 The Contractor must track and report component obsolescence, and make recommendations regarding last-time-buys in accordance with Paragraph 8.4 of Annex A.

2.3.3.2 In order to support the acquisition of optional quantities per Paragraphs 2.1.4 above, Canada may undertake last-time-buys of CLIN components that are forecasted to become obsolete.

2.3.3.5 Canada will reimburse the Contractor for authorized and duly recorded component last-time-buys in accordance with the Multiple Payment provisions of the Contract upon receipt of a claim for payment for components that have been delivered and accepted by Canada.

Task No.	Component		Last-Time Buy			Unit Price Impact	
	Part Number	Description	Quantity	Unit Price	Cost	CLIN	Amount
Total							

ANNEX C

PSPC Form 1111 – Progress Claim



Public Works and Government Services Canada

Travaux publics et Services
gouvernementaux Canada

Claim for Progress Payment
Demande de paiement progressif

If necessary, use form PWGSC-TPSGC 1112 to record detail costs
Si nécessaire, utiliser le formulaire PWGSC-TPSGC 1112 pour inscrire les coûts détaillés

Contractor's Name and Address Nom et adresse de l'entrepreneur	Claim No. N° de la demande	Date YYYY-MM-DD / AAAA-MM-JJ	Contract Price - Prix contractuel
	File No. - N° du dossier		Contract Serial No. N° de série du contrat
Contractor's Procurement Business Number (PBN) Numéro d'entreprise-appvisionnement (NEA) de l'entrepreneur	Financial Code(s) - Code(s) financier(s)		

Contractor's Report of Work Progress (if needed, use additional sheets)
Compte rendu de l'avancement des travaux par l'entrepreneur (si nécessaire, utiliser des feuilles supplémentaires)

[illegible]

PWGSC-TPSGC 1111 (2014-11)

Canada

Claim No. N° de la demande	Contract Serial No. N° de série du contrat
CERTIFICATE OF CONTRACTOR	ATTESTATION DE L'ENTREPRENEUR
<p>I certify that:</p> <ul style="list-style-type: none"> - All authorizations required under the contract have been obtained. The claim is consistent with the progress of the work and is in accordance with the contract. - Indirect costs have been paid for or accrued in the accounts. - Direct materials and the subcontracted work have been received, accepted and either paid for or accrued in the accounts following receipt of invoice from supplier/subcontractor, and have been or will be used exclusively for the purpose of the contract. - All direct labour costs have been paid for or accrued in the accounts and all such costs were incurred exclusively for the purpose of the contract; - All other direct costs have been paid for or accrued in the accounts following receipt of applicable invoice or expense voucher and all such costs were incurred exclusively for the purpose of the contract; and - No liens, encumbrances, charges or other claims exist against the work except those which may arise by operation of law such as a lien in the nature of an unpaid contractor's lien and in respect of which a progress payment and/or advance payment has been or will be made by Canada. 	<p>J'atteste que :</p> <ul style="list-style-type: none"> - Toutes les autorisations exigées en vertu du contrat ont été obtenues. La demande correspond à l'avancement des travaux et est conforme au contrat. - Les coûts indirects ont été réglés ou portés aux livres. - Les matières directes et les travaux de sous-traitance ont été reçus, et le tout a été accepté et payé, ou encore porté aux livres après réception de factures envoyées par le fournisseur ou le sous-traitant; ces matières et ces travaux ont été ou seront utilisés exclusivement aux fins du contrat. - Tous les coûts de la main-d'oeuvre directe ont été réglés ou portés aux livres et tous ces coûts ont été engagés exclusivement aux fins du contrat. - Tous les autres coûts indirects ont été réglés ou portés aux livres après réception des factures ou pièces justificatives pertinentes et tous ces coûts ont été engagés exclusivement aux fins du contrat. - Il n'existe aucun privilège ni demande ou imputation à l'égard de ces travaux sauf ceux qui pourraient survenir par effet de la loi, notamment le privilège d'un entrepreneur non payé à l'égard duquel un paiement progressif et/ou un paiement anticipé a été ou sera effectué par le Canada.
<p>Contractor's Signature - Signature de l'entrepreneur</p> <p>Check the box if the claim is being made with respect to advance payment provisions included in the basis of payment of the contract. <input type="checkbox"/></p> <p>This claim, or a portion of this claim, is for an advance payment.</p> <p>I certify that:</p> <ul style="list-style-type: none"> - The funds received will be used solely for the purpose of the contract and attached is a complete description of the purpose to which the advance payment will be applied. - The amount of the payment is established in accordance with the conditions of the contract. - The contractor is not in default of its obligations under the contract. - The payment is related to an identifiable part of the contractual work. 	<p>Title - Titre</p> <p>Date (YYYY-MM-DD / AAAA-MM-JJ)</p> <p>Cocher la case si la demande est faite en rapport avec les dispositions relatives aux paiements anticipés qui se trouvent dans la base de paiement du contrat.</p> <p>Cette demande, ou une partie de cette demande, est pour un paiement anticipé</p> <p>J'atteste que :</p> <ul style="list-style-type: none"> - Les fonds reçus ne serviront uniquement qu'aux fins du contrat; ci-joint est une description complète des fins auxquelles le paiement anticipé sera utilisé. - Le montant du paiement est établi conformément aux conditions du contrat. - L'entrepreneur n'a pas manqué à ses obligations en vertu du contrat. - Le paiement porte sur une partie identifiable des travaux précisés dans le contrat.
<p>Contractor's Signature - Signature de l'entrepreneur</p> <p>CERTIFICATES OF DEPARTMENTAL REPRESENTATIVES</p> <p>Scientific/Project/Inspection Authority: I certify that the work meets the quality standards required under the contract, and its progress is in accordance with the conditions of the contract.</p> <p>Inspection Authority (all other contracts): I certify that the quality of the work performed is in accordance with the standards required under the contract.</p>	<p>Title - Titre</p> <p>Date (YYYY-MM-DD / AAAA-MM-JJ)</p> <p>ATTESTATIONS DES REPRÉSENTANTS DU MINISTÈRE</p> <p>Autorité scientifique ou responsable du projet / de l'inspection : J'atteste que les travaux sont conformes aux normes de qualité exigées en vertu du contrat et que leur avancement est conforme aux conditions du contrat.</p> <p>Responsable de l'inspection (tous les autres contrats) : J'atteste que la qualité des travaux exécutés est conforme aux normes exigées en vertu du contrat.</p>
<p>Signature of Scientific / Project / Inspection Authority Signature de l'autorité scientifique ou responsable du projet / de l'inspection</p> <p>PWGSC Contracting Authority: I certify that, to the best of my knowledge, the claim is consistent with the progress of the work and is in accordance with the contract. This claim, however, may be subject to further verification and any necessary adjustment before final settlement.</p>	<p>Date (YYYY-MM-DD / AAAA-MM-JJ)</p> <p>Autorité contractante de TPSGC : J'atteste, au meilleur de ma connaissance, que la demande correspond à l'avancement des travaux et est conforme au contrat. Toutefois, cette demande pourrait faire l'objet d'une autre vérification et de tout rajustement nécessaire avant le règlement final.</p>
<p>Contracting Authority Signature de l'autorité contractante</p> <p>Client's Authorized Signing Officer - (must sign the interim claim): I certify that the claim is in accordance with the contract.</p>	<p>Title - Titre</p> <p>Date (YYYY-MM-DD / AAAA-MM-JJ)</p> <p>Signataire autorisé du client - (doit signer la demande provisoire) : J'atteste que la demande est conforme au contrat.</p>
<p>Client Signature du client</p> <p>Client's Authorized Signing Officer - (must sign the final claim): I certify that all goods have been received and all services have been rendered, that the work has been properly performed and that the claim is in accordance with the contract.</p>	<p>Title - Titre</p> <p>Date (YYYY-MM-DD / AAAA-MM-JJ)</p> <p>Signataire autorisé du client - (doit signer la demande finale) : J'atteste que tous les biens ont été reçus, que tous les services ont été rendus, que tous les travaux ont été exécutés convenablement, et que la demande est conforme au contrat.</p>
<p>Client Signature du client</p>	<p>Title - Titre</p> <p>Date (YYYY-MM-DD / AAAA-MM-JJ)</p>

ANNEX D

DND FORM 626 – TASK AUTHORIZATION

Solicitation No. - N° de l'invitation
W8476-206172/A
Client Ref. No. - N° de réf. du client
W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME



TASK AUTHORIZATION
AUTORISATION DES TÂCHES

All invoices/progress claims must show the reference Contract and Task numbers. Toutes les factures doivent indiquer les numéros du contrat et de la tâche.		Contract no. - N° du contrat	
		Task no. - N° de la tâche	
Amendment no. - N° de la modification		Increase/Decrease - Augmentation/Réduction	Previous value - Valeur précédente
To - À		TO THE CONTRACTOR You are requested to supply the following services in accordance with the terms of the above reference contract. Only services included in the contract shall be supplied against this task. Please advise the undersigned if the completion date cannot be met. Invoices/progress claims shall be prepared in accordance with the instructions set out in the contract. À L'ENTREPRENEUR Vous êtes prié de fournir les services suivants en conformité des termes du contrat mentionné ci-dessus. Seuls les services mentionnés dans le contrat doivent être fournis à l'appui de cette demande. Prière d'aviser le signataire si la livraison ne peut se faire dans les délais prescrits. Les factures doivent être établies selon les instructions énoncées dans le contrat. _____ Date _____ for the Department of National Defence pour le ministère de la Défense nationale	
Delivery location - Expédiez à			
Delivery/Completion date - Date de livraison/d'achèvement			
Contract item no. N° d'article du contrat	Services	Cost Prix	
		GST/HST TPS/TVH	
		Total	
APPLICABLE ONLY TO PWGSC CONTRACTS: The Contract Authority signature is required when the total value of the DND 626 exceeds the threshold specified in the contract. NE S'APPLIQUE QU'ÀUX CONTRATS DE TPSC: La signature de l'autorité contractante est requise lorsque la valeur totale du formulaire DND 626 est supérieure au seuil précisé dans le contrat. _____ for the Department of Public Works and Government Services pour le ministère des Travaux publics et services gouvernementaux			

DND 626 (01-05)

Design: Forms Management 993-4050
Conception: Gestion des formulaires 993-4052

Instructions for completing DND 626 - Task Authorization

Contract no.

Enter the PWGSC contract number in full.

Task no.

Enter the sequential Task number.

Amendment no.

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

Increase/Decrease

Enter the increase or decrease total dollar amount including taxes.

Previous value

Enter the previous total dollar amount including taxes.

To

Name of the contractor.

Delivery location

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

Delivery/Completion date

Completion date for the task.

for the Department of National Defence

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

Services

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

Cost

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

GST/HST

The GST/HST cost as appropriate.

Total

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

Applicable only to PWGSC contracts

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

Note:

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

Instructions pour compléter le formulaire DND 626 - Autorisation des tâches

N° du contrat

Inscrivez le numéro du contrat de TPSGC en entier.

N° de la tâche

Inscrivez le numéro de tâche séquentiel.

N° de la modification

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

Augmentation/Réduction

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

Valeur précédente

Inscrivez le montant total précédent, y compris les taxes.

À

Nom de l'entrepreneur.

Expédiez à

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

Date de livraison/d'achèvement

Date d'achèvement de la tâche.

pour le ministère de la Défense nationale

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

Services

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

Prix

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

TPS/TVH

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

Total

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

Ne s'applique qu'aux contrats de TPSGC

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

Nota :

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


ANNEX E

DND FORM 672 – DESIGN CHANGE / DEVIATION

Solicitation No. - N° de l'invitation
W8476-206172/A
Client Ref. No. - N° de réf. du client
W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME

 National Defence Défense nationale	Request for Design Change or Deviation Demande de modification de conception ou dérogation	
	<input type="checkbox"/> Design Change Modification de conception <input type="checkbox"/> Deviation Dérogation	
	For guidance see D-02-006-006/SG-001 - Pour des conseils voir D-02-006-006/SG-001	
	Part - Partie - I	
	1. Item Affected - Article touché	
2. Main Equipment(s) Affected - Matériel touché		
3. Description of Departure from Original Technical Data - Description des points qui diffèrent des données techniques		
4. Reason for Request - Motif de la demande		
5. Will interchangeability be affected? L'interchangeabilité est-elle réduite?		
6. Will spare parts schedule be affected? Le tableau en pièces de rechange est-il modifié?		
7. Production Data - Renseignements sur la production		
7.1 Cost and Delivery Coût et livraison		
7.2 Production Change Point Introduction de la modification		
7.3 Recommendations for Prior Built Units in Service Recommandations quant aux unités déjà en service		
8. Originator - Auteur de la demande		

Part - Partie - II			
9. Recommendations of Quality Assurance Representative - Recommandations du représentant de l'assurance de la qualité NA			
Date (yyyy-mm-dd)	Designation - Désignation	Signature	
10. Recommendations of Design Authority - Recommandations du Responsable de la conception			
Approved: <input type="checkbox"/> Design Change <input checked="" type="checkbox"/> Deviation <input type="checkbox"/> Per Part I or <input type="checkbox"/> See Remarks <input type="checkbox"/> Not Approved Approuvé: <input type="checkbox"/> Modification de conception <input checked="" type="checkbox"/> Dérogation <input type="checkbox"/> Voir partie I ou <input type="checkbox"/> Voir observations <input type="checkbox"/> Rejetés			
Date (yyyy-mm-dd)	Designation - Désignation	Signature	
11. Approval of Procurement Authority - Approbation du pouvoir d'achat			
Date (yyyy-mm-dd)	Designation - Désignation	Signature	
12. References - Documents de référence (Departmental file numbers etc. - Numéros de dossier ministériels etc.)			
13. Authorized Production Action on this Contract (for Contracting Authority) - Mesure de production autorisée pour le présent contrat (pour autorité contractante)			
a. Design Change Modification de conception		Existing Stock Stock actuel	Complete Units Unités entières
Use Utilisez		<input type="checkbox"/>	<input type="checkbox"/>
When to take effect: Prendre effet:		Rework Réusinage	<input type="checkbox"/>
		Scrap Mise au rebut	<input type="checkbox"/>
b. Deviation Dérogation <input checked="" type="checkbox"/>		Total Number of Units Involved Nombre d'unités touchées	Per Part I N°(s) de série
14. Form DND 678 Required from Manufacturer DND 678 exigée du fabricant			
		Yes Oui	<input checked="" type="checkbox"/> No Non
15. Action on Equipment in Stock and Use - Mesure à prendre à l'égard du matériel en stock et en service			
NA			
16. Action on Spares in Stock - Mesure à prendre à l'égard des pièces de rechange en stock			
NA			
17. Date (yyyy-mm-dd)	Signature (for Department of National Defence pour le ministère de la Défense nationale)		18. Date (yyyy-mm-dd)
			Signature (for Contracting Authority pour l'autorité contractante)
19. Distribution List - Liste de diffusion		Copies Exemplaires	Copies Exemplaires
PSPC DLP DLCSPM DRS		1 1 1 1	

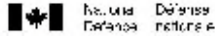
ANNEX F

DND FORM 675 – REQUEST FOR WAIVER

Solicitation No. - N° de l'invitation
W8476-206172/A
Client Ref. No. - N° de réf. du client
W8476-206172

Amd. No. - N° de la modif.
File No. - N° du dossier

Buyer ID - Id de l'acheteur
047qd
CCC No./N° CCC - FMS No./N° VME



REQUEST FOR WAIVER or DEVIATION DEMANDE D'EXEMPTION ou DÉVIATION			
1. <input type="checkbox"/> Waiver Exemption <input type="checkbox"/> Deviation Déviation			
2. <input type="checkbox"/> Technical Technique <input type="checkbox"/> Contractual Contractuel			
3. <input type="checkbox"/> Major Majeur <input type="checkbox"/> Minor Secondaire <input type="checkbox"/> Critical Critique			
1a. Recurring Récurrent <input type="checkbox"/> yes / oui <input type="checkbox"/> no / non			
4. Waiver or Deviation No. N° Exemption ou Déviation			
5. PWGSC Contract No. TPSGC N° du contrat			
6. Contract Line Item No. N° d'inscription au contrat			
7. Prime Contractor Name Nom de l'entrepreneur principal			
8. Originating Date (dd/mm/yyyy) Date d'introduction (jj/mm/aaaa)			
9a. Lot No. N° de lot			
Batch No. N° de fabrication			
Item Serial No. N° de série de l'article			
9. Item Description / Description de l'article :			
9b. Primary Equipment Affected / Équipement primaire affecté			
9c. Part or Assembly Impacted Pièce ou assemblage affectée			
9d. Impact on the Contract Impact sur le contrat			
9e. Impact on Cost Impact sur le coût			
9f. Impact on Delivery Schedule Impact sur le calendrier de livraison			
9g. Impact on other Systems (ILS, Interface & software) Impact sur autres systèmes (SLI, Interface & logiciel)			
10. Description of Waiver or Deviation (Non-Conformity) / Description d'exemption ou déviation (non-conformité)			
11. Reason for Waiver or Deviation (Non-Conformity) / Raison d'exemption ou déviation (non-conformité)			
12. Originator Signature Block / Bloc de signature de l'auteur			
12a. Prime Contractor / entrepreneur principal			
Name / Nom (printed / imprimé)			
Signature			
Date (dd/mm/yyyy : jj/mm/aaaa)			
12b. Originator / Auteur de la demande			
(If different from 12a. / si différent de 12a.)			
Name / Nom (printed / imprimé)			
Signature			
Date (dd/mm/yyyy : jj/mm/aaaa)			
13. Government Authorizations / Autorisations du gouvernement			
13a. Conditions to granting Waiver or Deviation / Conditions pour accorder l'exemption ou la déviation			
13b. Quality Assurance Representative / Représentant de l'assurance de la qualité			
<input type="checkbox"/> Recommended Recommandé <input type="checkbox"/> Not Recommended Non-recommandé			
Name / Nom (printed / imprimé)			
Signature			
Date (dd/mm/yyyy : jj/mm/aaaa)			
13c. Contractual Authority - PWGSC / Autorité contractuelle - TPSGC			
<input type="checkbox"/> Approved Approuvé <input type="checkbox"/> Not Recommended Non-recommandé			
Name / Nom (printed / imprimé)			
Signature			
Date (dd/mm/yyyy : jj/mm/aaaa)			
13d. Technical Authority - DND / Autorité technique - MDN			
<input type="checkbox"/> Approved Approuvé <input type="checkbox"/> Not Approved Non-approuvé			
Name / Nom (printed / imprimé)			
Signature			
Date (dd/mm/yyyy : jj/mm/aaaa)			

DND 675 (03-02)

Design: Forms Management 903-4050
Conception: Gestion des formulaires 903-3778

ANNEX G

INSURANCE REQUIREMENT

Commercial General Liability Insurance

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

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

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

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

ANNEX H

EVALUATION CRITERIA

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This annex contains the following:

- a. Table 1 – Mandatory Technical Requirements – Evaluation Criteria
- b. Table 2 – Risk Evaluation Criteria for Quality Plan Activities
- c. Table 3 – Point Rated Technical Requirements – Quality Plan Evaluation Criteria
- d. Table 4 – Point Rated Technical Requirements – Corporate Environmental Health and Safety Evaluation Criteria

Table 1 – Mandatory Technical Requirements – Evaluation Criteria

Refer to Article 3.2.1 of Part 3 of the RFP for instructions on how to complete the Mandatory Technical Requirements – Evaluation Criteria.

Mandatory Technical Requirements			Cross Reference to Evidence of Compliance
No.	Activity	Evaluation Criteria	
M1	Production Facility	Bidders must provide particulars (company name and address) of the proposed facility(ies) at which SCBU, SCBU Driver's Switch, and SEP Work (i.e. all manufacturing, assembly, test, debug, repair and delivery activities needed to fulfill the requirements specified in the Statement of Work) will be conducted.	
M2	Production Experience	Bidders must provide descriptions of production projects demonstrating that the proposed facility(ies) at which the Work will be conducted have experience producing at least one (1) product, or product components, within the last year and three (3) products, or product components, within the last five (5) years from the closing date of the solicitation, where the products, or product components, were similar in technology, complexity and deliverable volume to the SCBU.	
M3	Workmanship Standards	Bidders must provide evidence (by way of copies of dated and signed certificates) that they employ and/or have engaged personnel who have been trained and are currently qualified to test cable assemblies in accordance with IPC/WHMA-A-620C at the facility(ies) at which the Work will be conducted.	
M4	Quality Management	Bidders must provide evidence (by way of copies of dated and signed certificates) that the Bidder's and the Bidder's subcontractor's facilities, at which the Work will be conducted, are currently certified to ISO 9001.	
M5	Quality Plan	Bidders must provide a Quality Plan as part of their bid.	

Table 2 – Risk Evaluation Criteria for the Quality Plan Activities

The following table provides the Risk Evaluation Criteria for Risk Points in the Points Available for Risk column of Table 3 below.

Available Points	Risk Evaluation Criteria	Process Maturity and Risk Level
10	75% or more of the Quality Plan Activity is addressed through pre-existing QMS documentation.	The Quality Plan Activity demonstrates that the Contractor has optimizing processes, which is indicative of very low risk.
8	60 to 74% of the Quality Plan Activity is addressed through pre-existing QMS documentation.	The Quality Plan Activity demonstrates that the Contractor has quantitatively managed processes, which is indicative of low risk.
6	45 to 59% of the Quality Plan Activity is addressed through pre-existing QMS documentation.	The Quality Plan Activity demonstrates that the Contractor has defined processes, which is indicative of moderate risk.
4	30 to 44% of the Quality Plan Activity is addressed through pre-existing QMS documentation.	The Quality Plan Activity demonstrates that the Contractor has managed processes, which is indicative of significant risk.
2	15 to 29% of the Quality Plan Activity is addressed through pre-existing QMS documentation.	The Quality Plan Activity demonstrates that the Contractor has initial processes, which is indicative of high risk.
0	14% or less of the Quality Plan Activity is addressed through pre-existing QMS documentation.	The Quality Plan Activity demonstrates that the Contractor has adhoc processes, which is indicative of very high risk.

Table 3 – Point Rated Technical Requirements – Quality Plan Evaluation Criteria

Refer to Article 3.2.3 of Part 3 of the RFP for instructions on how to complete the Point Rated Technical Requirements – Quality Plan Evaluation Criteria.

Point Rated Technical Requirements					Cross Reference to Evidence of Compliance
No.	Quality Plan Activity	DID Reference	Evaluation Criteria	Points Available: for Quality for Risk Total	
RT1	Quality Objectives	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.1	The Quality Plan should state:		
			a. the quality objectives for the Work; and <ul style="list-style-type: none">• stated – 4 Quality points• not stated – 0 Quality points		
			b. how each quality objective will be achieved. <ul style="list-style-type: none">• stated – 6 Quality points• not stated – 0 Quality points		
			Quality objectives may be established, for example in relation to: <ul style="list-style-type: none">a. the quality characteristics for the Work;b. important issues for satisfaction of DND, the Contractor or other interested parties; andc. opportunities for improvement of the Work. Quality objectives should be expressed in measurable terms. Any required measurement processes needed to determine achievement of the quality objectives should be included or referenced in the Quality Plan	10 10 20	
RT2	Quality Plan Responsibilities	Annex A Appendix A2 DID SE-003	The Quality Plan should identify the particular people/positions within the Contractor's organization who are responsible for:	10 10 20	

		Paragraph 10.2.2.2	<p>a. ensuring that the activities and resources required for the Quality Plan and the Contract are planned, implemented and controlled, and their progress monitored;</p> <ul style="list-style-type: none">• identified – 2 Quality points• not identified – 0 Quality points <p>b. reviewing Quality Plan inputs, recording these reviews and resolving conflicts and ambiguities;</p> <ul style="list-style-type: none">• identified – 1 Quality point• not identified – 0 Quality points <p>c. communicating requirements to all affected Contractor departments and functions, external providers and the PSPC Contracting Authority (CA), the DND Technical Authority (TA), and the DND Procurement Authority, and resolving problems that arise at the interfaces between such groups;</p> <ul style="list-style-type: none">• identified – 2 Quality points• not identified – 0 Quality points <p>d. reviewing the results of any audits conducted; and</p> <ul style="list-style-type: none">• identified – 1 Quality point• not identified – 0 Quality points <p>e. reviewing and authorizing changes to, or deviations from, the Quality Plan.</p> <ul style="list-style-type: none">• identified – 1 Quality point• not identified – 0 Quality points <p>Reporting lines of the people/positions in the Contractor's organization involved in implementing the Quality Plan should be presented in the form of an organizational chart, clearly depicting reporting lines of authority/responsibility.</p> <ul style="list-style-type: none">• provided – 3 Quality points						
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RT3	Control of Documented Information	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.3	<ul style="list-style-type: none">not provided – 0 Quality points <p>For Government Furnished Information (GFI), the Quality Plan should state:</p> <p>a. how the documented information will be identified;</p> <ul style="list-style-type: none">stated – 1 Quality pointnot stated – 0 Quality points <p>b. by whom the documented information will be reviewed and approved;</p> <ul style="list-style-type: none">stated – 1 Quality pointnot stated – 0 Quality points <p>c. how distribution of, and access to, the documented information will be controlled; and</p> <ul style="list-style-type: none">stated – 1 Quality pointnot stated – 0 Quality points <p>d. how the documented information will be maintained and protected.</p> <ul style="list-style-type: none">stated – 1 Quality pointnot stated – 0 Quality points <p>For deliverable data, to be generated and retained to provide evidence of conformity with requirements, the Quality Plan should state:</p> <p>a. how, where and for how long evidence of conformity will be retained;</p> <ul style="list-style-type: none">stated – 1 Quality pointnot stated – 0 Quality points <p>b. what DND deliverable data requirements are, and how they will be complied with;</p> <ul style="list-style-type: none">stated – 2 Quality points	10	10	20	

RT5	Customers and Other Interested Parties Communication	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.5	<p>Project, including requirements for calibration or verification.</p> <ul style="list-style-type: none"> specified – 2 Quality points not specified – 0 Quality points <p>The Quality Plan should state:</p> <p>a. who is responsible for communication with DND, PSPC and other interested parties;</p> <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points <p>b. the methods to be used for communication;</p> <ul style="list-style-type: none"> stated – 2 Quality point not stated – 0 Quality points <p>c. when the communication is needed;</p> <ul style="list-style-type: none"> stated – 2 Quality point not stated – 0 Quality points <p>d. the process to be followed when DND feedback is received; and</p> <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points <p>e. the documented information that must be retained from communications and/or on complaints received from DND and other interested parties.</p> <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points 	10	10	20			
RT6	Control of Design Changes	Annex A Appendix A2	The Quality Plan should state:	10	10	20			

	/ Deviations and Waivers	DID SE-003 Paragraph 10.2.2.6	a. how requests for design changes / deviations and waivers must be controlled; <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points 				
			b. who is authorized to initiate requests for design change / deviation, and requests for waiver; <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points 				
			c. how changes must be reviewed in terms of their impact; <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points 				
			d. who is authorized to approve or reject design changes / deviations and waivers; and <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points 				
			e. how the implementation of design changes / waivers must be verified; <ul style="list-style-type: none"> stated – 2 Quality points not stated – 0 Quality points 				
			The Quality Plan should specify:				
RT7	Externally Provided Processes, Products and Services	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.7	a. the critical characteristics of externally provided processes, products and services that can affect the Project; <ul style="list-style-type: none"> specified – 2 Quality points not specified – 0 Quality points 	10	10	20	
			b. how those characteristics will be communicated to external providers; <ul style="list-style-type: none"> specified – 2 Quality points 				

RT13			<p>b. specific limitations, such as the degree or type of rework or repair allowed, and how such rework or repair will be authorized.</p> <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points 				
Monitoring and Measurement of the SCBU	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.13		<p>The Quality Plan should specify the monitoring and measurement processes by which objective evidence of product conformity will be obtained for the SCBU by defining the following:</p>	<div>30</div> <div>10</div> <div>40</div>			
			<p>a. process and output monitoring and measurements to be applied;</p> <ul style="list-style-type: none"> defined – 4 Quality points not defined – 0 Quality points 				
			<p>b. the stages at which they will be applied;</p> <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points 				
			<p>c. the quality characteristics to be monitored and/or measured at each stage;</p> <ul style="list-style-type: none"> defined – 4 Quality points not defined – 0 Quality points 				
			<p>d. hardware and software, and any associated ancillaries (such as fixtures) to establish inspection and/or test capabilities to monitor and/or measure the quality characteristics;</p> <ul style="list-style-type: none"> defined – 10 Quality points not defined – 0 Quality points 				
			<p>e. the acceptance (pass or fail) criteria to be used;</p> <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points 				

RT15	Monitoring and Measurement of the SEP	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.13	<ul style="list-style-type: none"> not defined – 0 Quality points <p>The Quality Plan should specify the monitoring and measurement processes by which objective evidence of product conformity will be obtained for the SEP by defining the following:</p> <p>a. process and output monitoring and measurements to be applied;</p> <ul style="list-style-type: none"> defined – 4 Quality points not defined – 0 Quality points <p>b. the stages at which they will be applied;</p> <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points <p>c. the quality characteristics to be monitored and/or measured at each stage;</p> <ul style="list-style-type: none"> defined – 4 Quality points not defined – 0 Quality points <p>d. hardware and software, and any associated ancillaries (such as fixtures) to establish inspection and/or test capabilities to monitor and/or measure the quality characteristics;</p> <ul style="list-style-type: none"> defined – 10 Quality points not defined – 0 Quality points <p>e. the acceptance (pass or fail) criteria to be used;</p> <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points <p>f. any statistical process control methods to be applied;</p> <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points 	30	10	40			
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RT16	Audits	Annex A Appendix A2 DID SE-003 Paragraph 10.2.2.14	g. where inspections or tests are required to be witnessed or performed by DND or other interested parties; <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points h. where, when and how the Contractor intends to use external providers to perform inspections or tests; and. <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points i. the criteria for release of processes, products and services. <ul style="list-style-type: none"> defined – 2 Quality points not defined – 0 Quality points 	10	10	20	
			The Quality Plan should specify the type of audits to be performed for the Project the nature and extent of such audits and how the results of the audits must be used: a. to monitor the implementation and the effectiveness of the Quality Plan; <ul style="list-style-type: none"> specified – 2 Quality points not specified – 0 Quality points b. to monitor and verify conformity with specified requirements; <ul style="list-style-type: none"> specified – 2 Quality points not specified – 0 Quality points c. for surveillance of external providers to the Contractor; and <ul style="list-style-type: none"> specified – 2 Quality points not specified – 0 Quality points 	10	10	20	

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			d. to provide independent objective assessment, when required, to meet the needs of DND or other interested parties. <ul style="list-style-type: none">• specified – 4 Quality points• not specified – 0 Quality points				
Total Available				420			
Required Minimum				280			

Table 4 – Point Rated Technical Requirements – Environmental Evaluation Criteria

Refer to Article 3.2.4 of Part 3 of the RFP for instructions on how to complete the Point Rated Technical Requirements – Environment Evaluation Criteria.

Point Rated EHS Requirements			Cross Reference to Evidence of Compliance
No.	Activity	Evaluation Criteria	
RE1	Regulatory Compliance	<p>The Bidder should certify that the Bidder has not been convicted with an offence, in the last five (5) years (calculated from the date of bid submission), under any federal environmental acts and regulations, i.e., the Bidder is not listed in the Canadian Environmental Offenders Registry in the last 5 years (https://environmental-protection.canada.ca/offenders-registry/).</p> <ul style="list-style-type: none"> • certification provided – 30 points • certification not provided – 0 points 	30
RE2	Environmental Management System (EMS)	<p>The Bidder's EMS should have an ISO 14001 certification received within the last three (3) years from the date of bid submission, and the Bidder should provide a copy of the ISO 14001 certificate obtained within the last 3 years by an accredited body.</p> <ul style="list-style-type: none"> • certificate provided – 50 points • certificate not provided, so instead the Bidder should: <ol style="list-style-type: none"> 1. have an environmental policy, and provide a copy of the policy which should: <ol style="list-style-type: none"> a. be signed by the Bidder's top management, <ul style="list-style-type: none"> • policy signed – 2 points • policy not signed – 0 points b. include statements of commitment for: <ul style="list-style-type: none"> • compliance with applicable laws and regulations, <ul style="list-style-type: none"> o statement included – 2 points o statement not included – 0 points 	50
			8

Point Rated EHS Requirements			
No.	Activity	Evaluation Criteria	Points Available
		<ul style="list-style-type: none"> • continual improvement of environmental performance, and <ul style="list-style-type: none"> ○ statement included – 2 points ○ statement not included – 0 points • pollution prevention. <ul style="list-style-type: none"> ○ statement included – 2 points ○ statement not included – 0 points 	
		2. provide a list identifying the significant environmental aspects of the activities, products and services of the Bidder's organization, <ul style="list-style-type: none"> • list provided – 5 points • list not provided – 0 points 	5
		3. provide a list of legal requirements that apply to the significant environmental aspects identified in RE2.2 above, <ul style="list-style-type: none"> • list provided – 5 points • list not provided – 0 points 	5
		4. provide a copy of a report (produced within the last three (3) years (from the date of bid submission) that evaluates the compliance of the activities, products and services of the Bidder's organization, with relevant environmental legislation and regulations, <ul style="list-style-type: none"> • report provided – 5 points • report not provided – 0 points 	5
		5. provide a list of environmental objectives and targets which are consistent with the environmental policy of the Bidder's organization, <ul style="list-style-type: none"> • list provided – 3 points • list not provided – 0 points 	3

Point Rated EHS Requirements				Cross Reference to Evidence of Compliance
No.	Activity	Evaluation Criteria	Points Available	
		6. provide a list of procedures put in place to minimize or mitigate the environmental risks of the operating activities, <ul style="list-style-type: none">• list provided - 5 point• list not provided – 0 points	5	
		7. provide a copy of the Bidder's Emergency Preparedness and Response Plan (e.g. fire, chemical spill, severe weather, etc.), and <ul style="list-style-type: none">• plan provided – 5 points• plan not provided – 0 points	5	
		8. provide example(s) of the Bidder's preventive and protective measures used to mitigate environmental risks (e.g. engineering controls). <ul style="list-style-type: none">• example(s) provided – 4 points• example(s) not provided – 0 points	4	

Point Rated EHS Requirements				Cross Reference to Evidence of Compliance
No.	Activity	Evaluation Criteria	Points Available	
RE3	Hazardous Materials Management Plan	<p>The Bidder's organization should have a Hazardous Materials Management Plan, and the Bidder should provide a copy of the Plan, which includes the following information:</p> <ul style="list-style-type: none">• Hazardous Materials Receipt,<ul style="list-style-type: none">○ information included – 5 points○ information not included – 0 points• Hazardous Materials Storage,<ul style="list-style-type: none">○ information included – 5 points○ information not included – 0 points• Hazardous Materials Use,<ul style="list-style-type: none">○ information included – 5 points○ information not included – 0 points• Hazardous Materials Disposal,<ul style="list-style-type: none">○ information included – 5 points○ information not included – 0 points	20	
Total Available			100	
Minimum Required			60	

ANNEX I

FINANCIAL BID EVALUATION METHODOLOGY

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4.0 ALLOWABLE MARK-UP	2
4.1 Mark-up for Sub-contract Services	2
4.2 Mark-up for Material	2
5.0 EVALUATION PRICE	ERROR! BOOKMARK NOT DEFINED.

LIST OF APPENDICIES

Appendix I1: Financial Bid Evaluation Sheet

1.0 GENERAL

1.1 Pricing proposed per the following paragraphs will be used to determine the Bid Evaluated Price.

2.0 DELIVERABLE ITEMS

2.1 Bidders must propose pricing for the following by inserting pricing figures in the yellow shaded cells in the "Deliverable Items" tab found in the spreadsheet provided as Appendix I1.

2.1.1 Firm Unit Prices for Firm Quantities,

2.1.2 Firm Unit Prices for Optional Quantities during the Contract Period,

2.1.3 Firm Unit Prices for Optional Quantities during Option Year 1,

2.1.4 Firm Unit Prices for Optional Quantities during Option Year 2.

3.0 LABOUR RATES

3.1 Bidders must propose Firm Hourly Labour Rates for design changes / deviations and additional work by inserting proposed labour rates in the applicable yellow shaded cells in the "Labour" tab found in the spreadsheet provided as Appendix I1.

4.0 MARK-UP

4.1 Proposed Mark-up for Sub-contract Services

4.1.1 Bidders must propose Percentage Mark-ups for Sub-contractor Services for design changes / deviations and additional work by inserting the proposed mark-up (%) for contractor services in the applicable yellow shaded cells in the "Mark-up" tab found in the spreadsheet provided as Appendix I1.

4.2 Proposed Mark-up for Material

4.2.1 Bidders must propose Percentage Mark-ups for Material for design changes / deviations and additional work by inserting proposed mark-up for material (%) the applicable yellow shaded cells in the "Mark-up" tab found in the spreadsheet provided as Appendix I1.

5.0 BID EVALUATED PRICE

5.1 The spreadsheet provided as Appendix I1 automatically generates an evaluation price for each of the pricing components provided by Bidders per Paragraphs 1.02.0, 3.0 and 4.0 above, and sums them in the "Summary" tab. This "Evaluation Price" is used with the points awarded for the technical evaluation criteria per Annex H to arrive at the Bidder's price per point.

Appendix I1 Financial Bid Evaluation Spreadsheet - Deliverable Items

Contract Line Item		Firm Quantities		Optional Quantities			
No.	Description	Quantity	Proposed Unit Price	Price Breakpoint Quantity	Proposed Unit Price for Contract Period	Proposed Unit Price for Option Year 1	Proposed Unit Price for Option Year 2
001	SCBU Assembly, Main, SOTM	360	\$ -	up to 50	\$ -	\$ -	\$ -
				51 or more	\$ -	\$ -	\$ -
002	SCBU Switch, Driver	360	\$ -	up to 50	\$ -	\$ -	\$ -
				51 or more	\$ -	\$ -	\$ -
003	Signal Entry Panel Assembly, SOTM	360	\$ -	up to 50	\$ -	\$ -	\$ -
				51 or more	\$ -	\$ -	\$ -

The values in the yellow-highlighted fields above will be used to populate Figure B-1 (Unit Prices for Firm Quantity) and Figure B-2 (Unit Prices for Optional Quantities) in Annex B (Basis of Payment)

Evaluation Price for Firm Quantities	
Firm Quantities	Evaluation Price
360	\$ -
360	\$ -
360	\$ -
Total	\$ -

Evaluation Price for Hypothetical Optional Quantities			
Hypothetical Optional Quantities	Evaluation Price for Contract Period	Evaluation Price for Option Year 1	Evaluation Price for Option Year 2
40	\$ -	\$ -	\$ -
80	\$ -	\$ -	\$ -
40	\$ -	\$ -	\$ -
80	\$ -	\$ -	\$ -
40	\$ -	\$ -	\$ -
80	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -

Appendix I1 Financial Bid Evaluation Spreadsheet - Labour

Item No.	Labour Category	Proposed Hourly Labour Rate					Evaluation Price for Hypothetical Labour	
		Contract Award to 31 Dec 2020	1 Jan 2021 to 31 Dec 2021	1 Jan 2022 to 31 Dec 2022	1 Jan 2023 to 31 Dec 2023	1 Jan 2024 to 31 Dec 2024	Hypothetical Labour (hours)	Evaluation Price
1	Junior Assembler	\$ -	-	\$ -	-	\$ -	80	\$ -
2	Senior Assembler	\$ -	-	\$ -	-	\$ -	80	\$ -
3	Production Associate	\$ -	-	\$ -	-	\$ -	80	\$ -
4	Production Supervisor	\$ -	-	\$ -	-	\$ -	80	\$ -
5	Junior Technician	\$ -	-	\$ -	-	\$ -	80	\$ -
6	Senior Technician	\$ -	-	\$ -	-	\$ -	80	\$ -
7	Junior Technologist	\$ -	-	\$ -	-	\$ -	80	\$ -
8	Senior Technologist	\$ -	-	\$ -	-	\$ -	80	\$ -
9	Junior Engineer	\$ -	-	\$ -	-	\$ -	80	\$ -
10	Senior Engineer	\$ -	-	\$ -	-	\$ -	80	\$ -
11	Project Manager	\$ -	-	\$ -	-	\$ -	80	\$ -
Total								\$ -

The values in the yellow-highlighted fields above will be used to populate Figure B-4 (Firm Hourly Labour Rates) in Annex B (Basis of Payment)

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Appendix I1 Financial Bid Evaluation Spreadsheet - Mark-up

Period	Proposed Percentage Mark-up for Sub-contractor Services
Contract Period	
Option Year 1	
Option Year 2	

Evaluation Price for Marked-up Hypothetical Sub-contract Services	
Hypothetical Services Cost	Evaluation Price
\$ 10,000.00	\$ 10,000.00
\$ 10,000.00	\$ 10,000.00
\$ 10,000.00	\$ 10,000.00
\$ 30,000.00	

Period	Proposed Percentage Mark-up for Material
Contract Period	
Option Year 1	
Option Year 2	

Evaluation Price for Marked-up Hypothetical Material	
Hypothetical Material Cost	Evaluation Price
\$ 15,000.00	\$ 15,000.00
\$ 15,000.00	\$ 15,000.00
\$ 15,000.00	\$ 15,000.00
\$ 45,000.00	

The values in the yellow-highlighted fields above will be used to populate Figure B-5 (Allowable Markup for Sub-contractor Services) and Figure B-6 (Allowable Markup for Material) in Annex B (Basis of Payment)

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Appendix I1 Financial Bid Evaluation Spreadheet - Summary

Evaluation Price for:	From:	Amount
Firm Quantities	Deliverable Items Tab, Cell K10	\$ -
Hypothetical Optional Quantities during the Contract Period	Deliverable Items Tab, Cell N10	\$ -
Hypothetical Optional Quantities during Option Year 1	Deliverable Items Tab, Cell O10	\$ -
Hypothetical Optional Quantities during Option Year 2	Deliverable Items Tab, Cell P10	\$ -
Hypothetical Labour	Labour Tab, Cell K15	\$ -
Marked-up Hypothetical Sub-contract Services	Mark-up Tab, Cell E7	\$ 30,000.00
Marked-up Hypothetical Material	Mark-up Tab, Cell E15	\$ 45,000.00
Evaluation Price		\$ 75,000.00

ANNEX J

Federal Contractors Program for Employment Equity Certification

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

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

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

Complete both A and B.

A. Check only one of the following:

- ☐ A1. The Bidder certifies having no work force in Canada.
- ☐ A2. The Bidder certifies being a public sector employer.
- ☐ A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- ☐ A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- ☐ A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

OR

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

B. Check only one of the following:

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

OR

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

ANNEX K

Non-Disclosure Agreement

Land Command Support System Life Extension (LCSS LE) Project

This Agreement made in duplicate this _____ day of _____ 20____.
(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 Prov. laws in print)
place of business at _____ (the "Recipient").
(Complete address in print)

Whereas Canada has issued a Request for Proposal (RFP) No. W8476-206172, to solicit proposals for the Land Command Support System Life Extension (LCSS LE) Project; and

Whereas in accordance with the provisions of the RFP Canada has provided for the disclosure of certain information listed in Figure A-5 of Annex A of the RFP ("DND Specifications, Standards, and Publications"); and

Whereas the Recipient wishes to receive the Information solely for the purpose of preparing a proposal in response to RFP W8476-206172.

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

1. Subject to the terms and conditions of this Agreement Canada agrees to disclose the Information to the Recipient on an as requested basis.
2. The Recipient agrees that it shall use the Information solely for the purpose of preparing a proposal in response to RFP W8476-206172 and for no other purpose.
3. The Recipient acknowledges that the Information may be subject to certain proprietary rights belonging to various parties and shall not be used by the Recipient or disclosed to anyone at any time except for the purposes of, and in accordance with, this Agreement and for no other purpose and shall ensure that its personnel do likewise.
4. The Recipient shall not disclose the Information to anyone unless and until the proposed recipient has signed an agreement in terms identical to this Agreement with the necessary changes to reflect names, addresses, offices and the like. Such disclosure shall be made only to a recipient with a need to know and solely for the purposes of the preparation of a proposal in response to RFP W8476-206172.
5. The Recipient shall not copy, reproduce or otherwise duplicate the Information or any information reflecting the Information in whole or in part or allow others to do so for any purposes other than the preparation of a bid in response to RFP W8476-206172 unless Canada has given its express, prior, written approval.
6. Whether in storage or in use, the information shall be protected by the Recipient with the same degree of care as the Recipient uses to protect its own proprietary intellectual property of like importance against public disclosure, but in no case any less than reasonable care.
7. The Recipient shall return the Information when it is no longer required for the preparation of a proposal in response to RFP W8476-206172, when required by Canada to do so, or with its proposal. In like fashion the Recipient shall return any copies it may have been allowed to make which are in a media that is capable of being sent with the proposal, shall destroy any other copies or any information reflecting the Information on any media whatsoever, and shall ensure that anyone to whom the Information has been divulged do likewise. Those who do not submit a proposal must nevertheless comply with this paragraph by the Closing Date of RFP W8476-206172.
8. The obligations herein contained shall survive the submission of a bid and the performance of any contract awarded and shall continue thereafter in full force and effect.
9. This Agreement shall be interpreted, and the relationship of the parties be determined, in accordance with the laws in force in the province of Ontario in Canada.

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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)