Public Works and Government Services Canada | Travaux publics et Services gouvernementaux Canada

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

Issuing Office - Bureau de distribution
Fuel & Construction Products Division
L'Esplanade Laurier,
140 O'Connor Street,
East Tower, 4th floor,
Ottawa
Ontario
K1A 0S5

Title - Sujet Water Tank Trailers	
Solicitation No. - N° de l'invitation W8476-216377/A	**Date** 2021-04-19
Client Reference No. - N° de référence du client W8476-216377	
GETS Reference No. - N° de référence de SEAG PW-$$HL-673-79965	
File No. - N° de dossier hl673.W8476-216377	**CCC No./N° CCC - FMS No./N° VME**

Solicitation Closes - L'invitation prend fin

at - à 02:00 PM Eastern Daylight Saving Time EDT
on - le 2021-05-31 Heure Avancée de l'Est HAE

F.O.B. - F.A.B.
Plant-Usine: ☐ **Destination:** ☐ **Other-Autre:** ☐

Address Enquiries to: - Adresser toutes questions à: Feagan, Shaun	**Buyer Id - Id de l'acheteur** hl673
Telephone No. - N° de téléphone (613) 295-9018 ( )	**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

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

Delivery Required - Livraison exigée See Herein – Voir ci-inclus	**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**

Canada

TABLE OF CONTENTS

LIST OF ANNEXES:

ANNEX “A” STATEMENT OF WORK
ANNEX “B" BASIS OF PAYMENT
ANNEX “C” TECHNICAL PROPOSAL REQUIREMENTS AND BID EVALUATION
ANNEX “D" FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION
ANNEX “E” DELIVERY SCHEDULE

PART 1 - GENERAL INFORMATION

1.1 Introduction

The bid solicitation is divided into six 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; and

Part 6 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include Annex A: Statement of Work, Annex B: Basis of Payment, Annex C: Technical Proposal Requirement and Bid Evaluation, Annex D: the Federal Contractors Program for Employment Equity – Certification, Annex E: Delivery Schedule, and the Phased Bid Compliance Process.

1.2 Summary

1.2.1 As part of the Advanced Sub-Unit Water Purification System (ASUWPS) Project, the Department of National Defence (DND) has a requirement to procure a replacement for the current in-service water tank trailer. The Statement of Work defines the requirements for the Water Tank Trailers (WTT) and ancillary documentation.

The WTT will have an insulated, heated water tank with increased capacity of 3000L, and will be compatible with the new Medium Support Vehicle System (MSVS) MilCOTS and Standard Military Pattern (SMP) prime movers.

The Delivery point is the Canadian Forces Supply Depot in Montreal, QC (25 CFSD).

1.2.2 There are no security requirements associated with this requirement.

1.2.3 The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), The Canada-UK TCA, the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), the Canadian Free Trade Agreement (CFTA), and the Free Trade agreements between Canada and Chile, Peru, Columbia, Panama, Honduras, and Korea.

1.2.4 The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 6 - 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 Debriefings

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

1.4 Phased Bid Compliance Process

The Phased Bid Compliance Process (PBCP) applies to this requirement

Given that many people are currently working from home and in an effort to reduce the spread of the coronavirus disease (COVID-19) within communities, bidders are highly encouraged to transmit their bid electronically using the epost Connect service. Information on the epost Connect service can be found in Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The 2003 (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: 240 days

2.2 Submission of Bids

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

> Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address 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.

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

2.3 Enquiries - Bid Solicitation

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

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

2.4 Applicable Laws

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

2.5 Bid Challenge and Recourse Mechanisms

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

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

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

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The 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

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

Section I: Technical Bid (6 hard copies)
Section II: Financial Bid (2 hard copies)
Section III: Certifications (2 hard copies)

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

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

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

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573). To assist Canada in reaching its objectives, bidders should:

1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and

2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability 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.

Section II: Financial Bid

3.1.1 Bidders must submit their financial bid in accordance with the Basis of Payment in Annex "B".

3.1.2 Exchange Rate Fluctuation

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

Section III: Certifications
Bidders must submit the certifications and additional information required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

(a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.

(b) An evaluation team composed of representatives of Canada will evaluate the bids.

(c) Canada will use the Phased Bid Compliance Process described below at article 4.1.3

4.1.1 Technical Evaluation

4.1.1.1. Mandatory Technical Criteria

The mandatory technical evaluation criteria are included in Annex “C”

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Criteria

The mandatory financial evaluation table is included in Annex “B”
SACC Manual Clause A0222T (2014-06-26) Evaluation of Price – Canadian / Foreign Bidders
C2000C (2007-11-30) Taxes – Foreign-based Contractor

4.1.3 Phase Bid Compliance Process

4.1.3.1 General

(a) Canada is conducting the PBCP described below for this requirement.

(b) Notwithstanding any review by Canada at Phase I or II of the PBCP, Bidders are and will remain solely responsible for the accuracy, consistency and completeness of their Bids and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying any or all errors or omissions in Bids or in responses by a Bidder to any communication from Canada.

THE BIDDER ACKNOWLEDGES THAT THE REVIEWS IN PHASE I AND II OF THIS PBCP ARE PRELIMINARY AND DO NOT PRECLUDE A FINDING IN PHASE III THAT THE BID IS NON-RESPONSIVE, EVEN FOR MANDATORY REQUIREMENTS WHICH WERE SUBJECT TO REVIEW IN PHASE I OR II AND NOTWITHSTANDING THAT THE BID HAD BEEN FOUND RESPONSIVE IN SUCH EARLIER PHASE. CANADA MAY DEEM A BID TO BE NONRESPONSIVE 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 (2020-05-28) 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.

4.1.3.2 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.

4.1.3.3 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 PBCP. Mandatory technical criteria that are not identified in the solicitation as being subject to the PBCP, will not be evaluated until Phase III.

b) Canada will send a written notice to the Bidder (Compliance Assessment Report or "CAR") identifying any Eligible Mandatory Criteria that the Bid has failed to meet. A Bidder whose Bid has been found responsive to the requirements that are reviewed at Phase II will receive a CAR that states that its Bid has been found responsive to the requirements reviewed at Phase II. Such Bidder shall not be entitled to submit any response to the CAR.

c) A Bidder shall have the period specified in the CAR (the "Remedy Period") to remedy the failure to meet any Eligible Mandatory Criterion identified in the CAR by providing to Canada in writing additional or different information 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.

4.1.3.4 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 at this phase.

4.2 Basis of Selection

4.2.1 Mandatory Technical Criteria

SACC Manual Clause A0031T (2010-08-16) Basis of Selection – Mandatory Technical Criteria
A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest overall evaluated price will be recommended for award of a contract.

The Phased Bid Compliance Process will apply to all mandatory technical criteria.

4.2.2 Financial Evaluation

It is MANDATORY to complete out all "boxes", for all line items in the Basis of Payment located at Annex "B". A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price 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 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), 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 website (https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#).

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

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

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

PART 6 – RESULTING CONTRACT CLAUSES

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

6.1 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex “A” and the Contractor's technical bid entitled _____, dated _____.

6.1.1 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex “A” 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(s) within twenty four (24) months after contract award by sending a written notice to the Contractor.

6.1.2 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 Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

The contractor shall provide service or goods in accordance with the Statement of Work. The work is not limited to the categories listed below:

a. Repair and overhaul
b. Technical Investigations and Engineering Services
c. Filed Service Representative
d. Mobile Repair Party
e. Provision of spares
f. Special Tools and Test Equipment

6.1.2.1 Task Authorization Process

1. The Technical Authority will provide the Contractor with a description of the task in the form of a Statement of Work.
2. The Contractor must provide Canada, 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.
3. The Procurement Authority (PA) will provide the DND 626 task authorization, and 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 Task Authorization will also include the applicable basis (bases) and methods of payment as specified in the Contract.
4. The Contractor must not commence work until task authorization, DND 626 authorized by the Procurement or Contracting Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

6.1.2.2 Task Authorization Limit

The Procurement Authority may authorize individual task authorizations up to a limit of $100,000.00, Applicable Taxes included, and inclusive of any revisions.

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

6.1.2.3 Task Authorization - Department of National Defence

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

6.2 Standard Clauses and Conditions

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

6.2.1 General Conditions

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

6.2.2 Supplemental General Conditions

4006 (2010-08-16) Contractor to Own Intellectual Property Rights in Foreground Information, and
2035 08 (2008-05-12) Replacement of specific individuals
apply to and form part of the Contract.

6.3 Term of Contract

6.3.1 Period of the Contract

The period of the Contract is from date of Contract to _____ inclusive.

6.3.2 Delivery Date

All deliveries must be in accordance with Annex “E”, Delivery Schedule.

6.3.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex “E” of the Contract.

6.4 Authorities

6.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Shaun Feagan, Supply Team Leader
Public Works and Government Services Canada
Real Property and Commercial Acquisitions Sector (RPCAS)
Industrial Products and Vehicles Procurement Directorate
Fuel and Construction Products Division

140 O’Connor Street,
L’esplanade Laurier Tower East
Ottawa, ON K1A 0S5
Telephone: 613-295-9018
shaun.feagan@tpsgc-pwgsc.gc.ca

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

6.4.2 Technical Authority

The Technical Authority for the Contract is:

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

Telephone: ___-___-_____
E-mail: _____

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

6.4.3 Procurement Authority

The Procurement Authority for the Contract is:

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

Telephone: ____- _____-_____
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

6.4.4 Contractor's Representative

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

Telephone: ___-___-_____
E-mail: _____

6.5 Payment

6.5.1 Basis of Payment - Limitation of expenditure

The Contractor will be paid for its costs reasonably and properly incurred in the performance of the Work, in accordance with the Basis of payment in Annex B, to a limitation of expenditure of $_____ (insert the amount at contract award). Customs duties are included (if applicable) and Applicable Taxes are included.

6.5.2 Limitation of Price

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

6.5.3 Basis of Payment - Firm Price, Firm Unit Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit or line item price per Basis of Payment, Annex “B”. Customs duties are included and Applicable Taxes are extra.

6.5.4 Multiple Payments

Canada will pay the Contractor upon completion and delivery of units or line items 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.

6.5.5 Electronic Payment of Invoices – Contract

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

a. Direct Deposit (Domestic and International);
b. Electronic Data Interchange (EDI);
c. Wire Transfer (International Only);

6.5.6 Discretionary Audit

The Contractor's certification that the price or rate is not in excess of the lowest price or rate charged anyone else, including the Contractor's most favoured customer, for the like quality and quantity of the goods, services or both, is subject to verification by government audit, at the discretion of Canada, before or after payment is made to the Contractor.

If the audit demonstrates that the certification is in error after payment is made to the Contractor, the Contractor must, at the discretion of Canada, make repayment to Canada in the amount found to be in excess of the lowest price or rate or authorize the retention by Canada of that amount by way of deduction from any sum of money that may be due or payable to the Contractor pursuant to the Contract.

If the audit demonstrates that the certification is in error before payment is made, the Contractor agrees that any pending invoice will be adjusted by Canada in accordance with the results of the audit. It is further agreed that if the Contract is still in effect at the time of the verification, the price or rate will be lowered in accordance with the results of the audit.

6.6 Invoicing Instructions

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. Invoices must be distributed as follows:

a. The original must be forwarded to the Procurement Authority electronically, identified under the section entitled "Authorities" of the Contract, for certification and payment.
b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
c. One (1) copy must be forwarded to the consignee.

Note: Invoice(s) should be submitted electronically.

6.7 Certifications and Additional Information

6.7.1 Compliance

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

6.7.2 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.

6.8 Applicable Laws

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

6.9 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 4006 (2010-08-06) Contractor to Own Intellectual Property Rights in Foreground Information apply to and form part of the Contract;
c. the general conditions 2030 (2020-05-28), General Conditions - Higher Complexity - Goods, apply to and form part of the Contract;
d. Annex A, Statement of Work;
e. Annex B, Basis of Payment;
f. the signed Task Authorizations (including all of its annexes, if any);
g. the Contractor's bid dated _____, (to be completed at contract award)

6.10 Defence Contract

The Contract is a defence contract within the meaning of the *Defence Production Act*, R.S.C.1985, c. D-1, and must be governed accordingly.
Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the *Defence Production Act*.

6.11 Insurance

SACC Manual clause G1005C (2016-01-28) Insurance - No Specific Requirement

6.12 Canadian Forces Site Regulations A9062C (2011-05-16)

The Contractor must comply with all standing orders or other regulations, instructions and directives in force on the site where the Work is performed.

6.13 Condition of Material B1000T (2014-06-26)

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

6.14 Procedures for Design Change or Additional Work

These procedures must be followed for any design change or additional work.
When Canada requests design change or additional work:

a. The Technical Authority will provide the Contracting Authority with a description of the design change or additional work in sufficient detail to allow the Contractor to provide the following information:
   i) any impact of the design change or additional work on the requirement of the Contract;
   ii) a price breakdown of the cost (increase or decrease) associated with the implementation of the design change or the performance of the additional work using either the form PWGSC-TPSGC 1686, Quotation for Design Change or Additional Work, or the form PWGSC-TPSGC 1379 (PDF 56KB) - (Help on File Formats) Work Arising or New Work.
   iii) a schedule to implement the design change or to perform the additional work and the impact on the contract delivery schedule.
b. The Contracting Authority will then forward this information to the Contractor.
c. The Contractor will return the completed form to the Contracting Authority for evaluation and negotiation. Once agreement has been reached, the form must be signed by all parties in the appropriate signature blocks. This constitutes the written authorization for the Contractor to proceed with the work, and the Contract will be amended accordingly.

When the Contractor requests design change or additional work:

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

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

6.15 Quality Management Systems
SACC Manual Clause D5545C (2019-05-30) ISO 9001:2015 – Quality Management Systems – Requirements (Quality Assurance Code C)

6.16 Bar Coding - Package Marking
The Contractor must apply, on the package, bar code information for equipment as shown on the Basis of Payment, Annex B, with Application Identifier(s), using bar code symbology UCC/EAN-128 (Uniform Code Council/EAN International). Below the bar code symbol, the Contractor must apply the Human-Readable Interpretation (HRI) markings.

The bar code marking(s) must be legible, applied to a printable surface or label and positioned in accordance with the Canadian Forces Packaging Specification D-LM-008-002/SF-001, marking for Storage and Shipment (in effect at the closing date of the bid solicitation).

6.17 Wood packaging materials
SACC Manual Clause D2025C (2017-08-17) Wood packaging materials

6.18 Marking
SACC Manual Clause D2000C (2007-11-30) Marking

6.19 Labelling
SACC Manual Clause D2001C (2007-11-30) Labelling

6.20 Preparation for Delivery

SACC Manual Clause D3013C (2007-11-30) Preparation for Delivery – Canadian-based Contractor
SACC Manual Clause D3019C (2007-11-30) Preparation for Delivery – United States-based Contractor
SACC Manual Clause D3020C (2008-05-12) Preparation for Delivery – European Union

6.21 Shipping Instructions - Delivery and destination schedules unknown

The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (25 CF Supply Depot, Montreal, Quebec, Alta, Canada). 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.

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

25 Canadian Forces Supply Depot
6363 Notre Dame Est, Montreal, Quebec, H1N 3V9
Email: 25DAFCTrafficRDV@forces.gc.ca

6.22 Customs Duties - Contractor Importer

As the goods to be supplied under the Contract are defence supplies, customs duties on importation to Canada may be remitted under the Tariff Item Number 9982.00.00 of the Schedule to the Customs Tariff.

Remission of customs duties payable may be granted under the Tariff Item Number 9982.00.00 when the total contract value of the defence supplies is C$250,000 or more. This reflects the import value of the goods plus the duty that would be applicable in the absence of the Customs Tariff.

The Contractor will be responsible for pre-arranging remission on importation or for paying customs duties on importation and applying to Canada Border Services Agency for a refund. The Contractor is also responsible for applying to Public Works and Governments Services Canada in good time for the certification required by the Customs Tariff.

6.23 Phased Delivery

The first delivery per Annex E, must be made within twelve (12) months from the effective date of the Contract. The quantity delivered must be in accordance with Annex E. The balance must be delivered within twenty-four (24) months after Contract award.

Equipment will only be accepted when the Initial Delivery items per Annex E are delivered and accepted by DND.

6.24 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”.

STATEMENT OF WORK

FOR THE

WATER TANK TRAILER

NOTICE

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

AVIS

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

TABLE OF CONTENTS

1.0 SCOPE

1.1 Purpose

1.1.1 The purpose of this Statement of Work (SOW) is to define the work requirements for the contracting of a Water Tank Trailer (WTT). The WTT will be a replacement from the current in-service Water Buffalo. The contract is for the production and delivery of 210 WTT. The WTT will have an insulated, heated water tank with increased capacity of 3000L, and will be compatible with the new Medium Support Vehicle System (MSVS) MilCOTS and Standard Military Pattern (SMP) prime movers.

1.2 Background

1.2.1 The current, in-service, 1990 era, Water Buffalo Trailer has exceeded its life expectancy and is urgently in need of replacement.

1.2.2 The WTT will provide a four (4) seasons, mobile, water storage and delivery system for potable water.

1.3 Acronyms and Abbreviations

AECTP	Allied Environmental Conditions Testing Publication
ANSI	American National Standards Institute
ASTM	American Society for Testing and Materials
ATR	Acceptance Test Report
CA	Contracting Authority
CARC	Chemical Agent Resistant Coating
CDR	Critical Design Review
CDRL	Contract Data Requirements List
CAF	Canadian Armed Forces
CFB	Canadian Forces Base
CFTO	Canadian Forces Technical Order
CMVSS	Canadian Motor Vehicle Safety Standards
CSA	Canadian Standards Association
DID	Data Item Description
DMC	Demilitarization Code
DND	Department of National Defence
DPA	Defence Product Act
ECL	Export Control List
ECCN	Export Control Classification Number
EHS	Environmental Health and Safety
EME	Electrical Mechanical Engineer
FAT	First Article Test

FAA	First Article Acceptance
FAAP	First Article test Plan
gsm	Grams per Square Meter
GTW	Gross Trailer Weight
IAW	In Accordance With
ILS	Integrated Logistics Support
ILSM	Integrated Logistics Support Manager
IP	Intellectual Property
IPC	Initial Provisioning Conference
IPGC	Initial Provisioning Guidance Conference
IPM	Illustrated Parts Manual
ISO	International Standards Organization
ITAR	International Traffic in Arms Regulations
LRU	Lowest Replaceable Unit
Mil COTS	Military Commercially Available Off the Shelf
MIL-STD	United States Department of Defense Military Standard
MSDS	Material Safety Data Sheet
MSVS	Medium Support Vehicle System
NATO	North Atlantic Treaty Organization
NCAGE	NATO Commercial and Government Entity
NEMA	National Electrical Manufacturers Association
NDID	National Defence Index of Documentation
NSF	National Sanitation Foundation
NSN	NATO Stock Number
OEM	Original Equipment Manufacturer
OQRC	Operator Quick Reference Card
PD	Provisioning Documentation
PDF	Portable Document Format
PMP	Project Management Plan
PPB	Provisioning Parts Breakdown
PSPC	Public Service and Procurement Canada
PSRI	Preservation, Storage and Reactivation Instructions
QSM	Quality Management System
R&O	Repair & Overhaul
RMS	Root Mean Square
ROT	Roll over Threshold
SME	Subject Matter Expert

SMP	Standard Military Pattern
SOW	Statement of Work
SPTD	Supplementary Provisioning Technical Documentation
SSINA	Specialty Steel Industry of North America
STANAG	NATO Standardization Agreement
SSHI	Stowage, Shipping and Handling Instructions
STTE	Special Tools and Test Equipment
TA	Technical Authority
TC	Transport Canada
TLAD	Top Level Assembly Drawing
USML	United States Munitions List
VDC	Volts Direct Current
VIN	Vehicle Identification Number
WFE	Water Fuel Environment
WHS	Water Heating System
WTT	Water Tank Trailer

2.0 APPLICABLE DOCUMENTS

2.1 References

2.1.1 Whereas mentioned, the following Standards must be used for the preparation of deliverables to the extent specified in this SOW:

GOVERNMENT FURNISHED INFORMATION

REFERENCE NUMBER	PROMULGATION DATE	REFERENCE TITLE
C-01-100-100/AG-008	2017-11-02	WRITER'S GUIDE FOR TECHNICAL DOCUMENTATION
C-02-007-000/AG-001	2016-01-01	CONTROLLED TECHNOLOGY ACCES AND TRANSFER (CTAT) MANUAL
C-30-K77-000/MB-000		OPERATOR MANUAL MSVS SMP
C-30-K86-000/TE-000		DATA SUMMARY/SPEC SHEET MSVS SMP
C-32-F42-000/MA-000	2009-11-30	DATA SUMMARY TRUCK, 8 TONNES, 6X6, CARGO, MSVS MILCOTS, CANADIAN SERIE
D-01-100-204/SF-000	2000-10-31	SPECIFICATION - PREPARATION OF PREVENTIVE MAINTENANCE INSTRUCTIONS
D-01-100-205/SF-000	2000-10-31	SPECIFICATION - PREPARATION OF CORRECTIVE MAINTENANCE INSTRUCTION
D-01-100-207/SF-002	1996-07-12	SPECIFICATION - PREPARATION OF INTERIM ILLUSTRATED PARTS MANUALS FOR LAND EQUIPMENTS
D-01-100-211/SF-000	1991-06-01	SPECIFICATION – PRESERVATION, STORAGE AND HANDLING INSTRUCTION
D-01-100-214/SF-000	2002-05-01	SPECIFICATION FOR PREPARATION OF PROVISIONING DOCUMENTATION FOR CANADIAN FORCES EQUIPMENT
D-01-400-001/SG-000	2018-01-31	STANDARD - ENGINEERING DRAWING PRACTICES
D-01-400-002/SF-000	2011-03-01	SPECIFICATION FOR LEVELS OF ENGINEERING DRAWINGS
D-02-002-001/SG-001	2003-04-01	STANDARD – IDENTIFICATION MARKING OF CANADIAN MILITARY PROPERTY
D-LM-008-001/SF-001	1983-02-03	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 REQUIREMENTS CODES
AECTP 400	JANUARY 2006	ALLIED ENVIRONMENTAL CONDITIONS AND TEST PUBLICATIONS

COMMERCIALLY AVAILABLE

REFERENCE NUMBER	PROMULGATION DATE	REFERENCE TITLE
ASTM A240		STANDARD SPECIFICATION FOR CHROMIUM AND CHROMIUM-NICKEL STAINLESS STEEL PLATE, SHEET, AND STRIP FOR PRESSURE VESSELS AND FOR GENERAL APPLICATIONS
ASTM A270		STANDARD SPECIFICATION FOR SEAMLESS AND WELDED AUSTENITIC AND FERRITIC/AUSTENITIC STAINLESS STEEL SANITARY TUBING
ASTM A380		STANDARD PRACTICE FOR CLEANING, DESCALING, AND PASSIVATION OF STAINLESS STEEL PARTS, EQUIPMENT, AND SYSTEMS
ASTM F883-04		STANDARD PERFORMANCE SPECIFICATION FOR PADLOCKS
ASTM A967		STANDARD SPECIFICATION FOR CHEMICAL PASSIVATION TREATMENTS FOR STAINLESS STEEL PARTS
ASTM D975-15A	2015-06-01	STANDARD SPECIFICATION FOR DIESEL FUEL OILS
CANADA LABOUR CODE		
PART 2	2021	OCCUPATIONAL HEALTH AND SAFETY
CSA C22.1, ED.25	2021	CANADIAN ELECTRICAL CODE, PART I ELECTRICAL INSTALLATIONS
CSA C22.2, ED.11	2020	CANADIAN ELECTRICAL CODE, PART II GENERAL REQUIREMENTS
MIL-PRF-24667 C	2008-05-22	COATING SYSTEM, NON SKID
MIL-STD-209K	2005-02-22	DEPARTMENT OF DEFENSE INTERFACE STANDARD FOR LIFTING AND TIEDOWN PROVISIONS
MIL-STD-810H	2019-01-31	DEPARTMENT OF DEFENSE TEST METHOD STANDARD
MIL-STD-1366E	2006-10-31	INTERFACE STANDARD FOR TRANSPORTABILITY CRITERIA
NEMA IEC 60529	N/A	DEGREES OF PROTECTION PROVIDED BY ENCLOSURES - IP CODE
NSF - 61	2016	DRINKING WATER SYSTEM COMPONENTS - HEALTH EFFECTS
R.S.C., 1985, C. H-3	1985	HAZARDOUS PRODUCTS ACT
SAE J686	2012-07-23	MOTOR VEHICLE LICENSE PLATES
SAE J1452	2011-06-16	TRAILER GRADE PARKING PERFORMANCE PROCEDURE
SOR/99-7	2019-04-08	OZONE-DEPLETING SUBSTANCES REGULATIONS,
STANAG 2290 ED.2	2010-11-18	NATO UNIQUE IDENTIFICATION OF ITEMS

STANAG 2601 ED.4	2017-09-14	STANDARDIZATION OF ELECTRICAL SYSTEMS IN TACTICAL LAND VEHICLES
STANAG 2604 ED.3	1986-02-12	BREAKING SYSTEMS BETWEEN TRACTOR, DRAW-BAR TRAILER AND SEMI-TRAILER EQUIPMENT COMBINATIONS FOR MILITARY USE
STANAG 2805 ED.5	1997-10-07	FORDING AND FLOTATION REQUIREMENTS FOR COMBAT AND SUPPORT GROUND VEHICLES
STANAG 4050 ED.2	1991-06-19	SYMBOLS DESIGNATING FUNCTION OF CONTROLS IN MILITARY VEHICLES
STANAG 4101 ED.2	2000-02-21	TOWING ATTACHMENTS
STANAG 4478 ED.1	2004-10-08	EMERGENCY TOWING AND RECOVERY FACILITIES FOR TACTICAL LAND VEHICLES
STANAG 4381 ED.1	1994-07-08	BLACKOUT LIGHTING SYSTEMS FOR TACTICAL LAND VEHICLES
TRANSPORT CANADA	2018-07-11	MOTOR VEHICLE SAFETY REGULATIONS
	2017-06-15	GEOMETRIC DESIGN GUIDE FOR CANADIAN ROADS, CHAPTER 3

2.2 Order of Precedence

2.2.1 In the event of conflict between the content in this SOW and the referenced documents, the content of this SOW will take precedence.

3.0 PROJECT MANAGEMENT

3.1 Project Management Program

3.1.1 The Contractor must hold the internationally recognized Quality Management System (QMS) standard, ISO 9001;

3.1.2 The Contractor must designate a suitably qualified Project Manager with the responsibilities to coordinate, execute, and manage the Contractor's project management activities for the Contract. The Contractor's Project Manager must have the total responsibility, for all works required under the Contract; and

3.1.3 The Contractor's Project Manager must be the primary point of contact between the Contractor and the Department of National Defence (DND) Technical Authority and the Public Service and Procurement Canada (PSPC) Contracting Authority for all issues related to the Contract.

3.2 Project Management Plan

3.2.1 The Contractor must provide a Project Management Plan (PMP) IAW Contract Data Requirements List (CDRL) WTT-PM-001 at Appendix A3.3 (page 40) and its associated Data Item Description (DID) WTT-PM-001 at Appendix A4.3 (page 65).

3.3 Project Meetings

3.3.1 Meeting Organization and Coordination

3.3.1.1 The Contractor's Project Manager must be present at the Kick-off Meeting, and all other meetings when requested by Canada. If the Project Manager does not have final approval authority for decision making and changes, then the person responsible must also be present at these meetings.

3.3.2 Kick-off Meeting

3.3.2.1 The Contractor must hold and chair a Kick-off Meeting (at the Contractor's facility) no later than twenty-eight (28) calendar days after contract award to review and secure a common understanding of the requirements expressed in the following:

3.3.2.1.1 The Contract;

3.3.2.1.2 The SOW;

3.3.2.1.3 General overview of the project, risks, schedule and communication channels to follow; and

3.3.2.1.4 Other contractual and programmatic issues associated with the project as agreed between the TA, CA and the Contractor.

3.3.2.2 At the Kick-off Meeting, the contractor must provide a Top Level Assembly Drawings (TLAD) IAW CDRL WTT-SE-102 at Appendix A3.7 (page 44) and its associated DID WTT-SE-102 at Appendix A4.7 (page 71).

3.3.2.3 Contractor must provide Meeting Documentation as per requirements found at para. 3.3.6 .

3.3.3 Integrated Logistics Support (ILS) Meeting

3.3.3.1 The Contractor must hold and chair an ILS Meeting following the closure of the Kick-Off Meeting (para 3.3.2), in order to:

3.3.3.1.1 Review and secure a common understanding of the requirements expressed in the ILS CDRLs and DIDs, DND CFTOs and specifications; and

3.3.3.1.2 Discuss possible sparing strategies and concepts, Lowest Replaceable Units (LRUs), lines of maintenance, and the Maintenance Concept.

3.3.3.2 Contractor must provide Meeting Documentation as per requirements found at para. 3.3.6.

3.3.4 Critical Design Review

3.3.4.1 The Contractor must hold a Critical Design Review (CDR) meeting within 91 days of the Kick-Off Meeting. The purpose of the CDR meeting is the following:

3.3.4.1.1 Review drawings, images, specifications and detailed design to ensure that the WTT meets the technical requirements of the SOW, payload Centre of Gravity, etc.;

3.3.4.1.2 Ensure that the detailed design of the WTT is adequate to proceed to fabrication, system integration and testing. A review of the draft First Article Acceptance Plan (FAAP), will take place, paying particular attention to Paras 6.1.5 and 6.1.6. of the DID;

3.3.4.1.3 Assess risk areas on a technical, cost and schedule basis; and

3.3.4.1.4 For CDR, contractor must prepare meeting documentation IAW Para 3.3.6.

3.3.5 Other meetings

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

3.3.6 Meeting Documentation

3.3.6.1 The Contractor must prepare and deliver a meeting agenda for all formal meetings and conferences, and prepare and deliver the meeting minutes afterwards.

3.3.6.1.1 The Contractor must provide the Meeting Agenda(s) IAW CDRL WTT-PM-002 at Appendix A3.4 (page 41) and its associated DID WTT-PM-002 at Appendix A4.4 (page 67); and

3.3.6.1.2 The Contractor must record, prepare, and provide the Meeting Minutes of each meeting IAW CDRL WTT-PM-003 at Appendix A3.5 (page 42) and its associated DID WTT-PM-003 at Appendix A4.5 (page 68).

3.3.6.2 No change in the interpretation of the SOW, Performance Specification, cost, and schedule, as defined in the contract, may be authorized by the minutes of a meeting. Such action will require formal contract amendment by the CA.

4.0 FIRST ARTICLE ACCEPTANCE (FAA)

4.1.1 The purpose of the FAA process is to ensure that the contractor follows a detailed agreed upon path that demonstrates to Canada that the WTT meets the Technical Specifications outlined in Appendix 1.0 and is able to pass the mandated acceptance testing dictated by Canada.

4.1.2 The First Article Acceptance process must consist of the following activities:

4.1.2.1 Completion of the necessary demonstrations, inspections, certifications or testing needed to show compliancy with the Technical Specification; and

4.1.2.2 Completion of the mandated acceptance tests outlined in 4.1.5 to prove the WTT conforms to operational requirements.

4.1.3 The Contractor must provide Canada with a minimum of 30 days advance notice of all First Article Acceptance Plan (FAAP) activities in order for Canada to be present.

4.1.4 The Contractor must provide a FAAP IAW CDRL WTT-SE-101 at Appendix A3.6 (page 43) and its associated DID WTT-SE-101 at Appendix A4.6 (page 69) which covers the activities of paras 4.1.2.1 and 4.1.2.2.

4.1.5 The Contractor must provide a hardcopy first draft of the WTT Operator Manual (see 5.3.1.1) at the onset of the first testing activities where Canada is present in order for the ILSM to validate the procedures therein.

4.1.6 Mandated Acceptance Tests:

4.1.6.1 Static roll over threshold test as described at A1.1.3.6;

4.1.6.2 Dynamic roll over threshold test as described at A1.1.3.7;

4.1.6.3 Hot temperature water variation test as described at A1.2.1.26.1;

4.1.6.4 Cold temperature water variation test as described at A1.2.1.26.2;

4.1.6.5 Water Heater Test as described at A1.2.2.9;

4.1.6.6 Road and Cross-country tests as described at A1.2.3.2.2; and

4.1.6.7 Shock and Vibration tests as described at A1.4.

4.1.7 The Contractor must provide Acceptance Test Reports (ATRs) for the mandated acceptance tests at Para 4.1.5 above, as well as for any testing chosen to be done under the conditions of Para 4.1.2.1 above. These ATRs must be IAW CDRL WTT-SE-103 at Appendix A3.8 (page 45) and its associated DID WTT-SE-103 at Appendix A4.8 (page 73).

4.1.7.1 Canada’s acceptance of the final ATRs will constitute Design Acceptance.

5.0 INTEGRATED LOGISTICS SUPPORT (ILS)

5.1 Maintenance Concept

5.1.1 The WTT will be maintainable by CAF operators and technicians in both a field and base environment, with maintenance tasks generally divided as follows:

5.1.1.1 Operator Maintenance: consisting generally of simple tasks such as preliminary diagnosis of faults, visual inspections, minor preventive and corrective maintenance, and cleaning. Task duration less than one (1) hour.

5.1.1.2 Technician Maintenance, First Line: consisting of preventive and minor corrective maintenance tasks by repair or replacement of parts, in the field, using the standard maintenance tools of the EME 00129 and WFE 00305 trades and any provided with the WTT. Task duration generally less than four (4) hours; and

5.1.1.3 Technician Maintenance, Second Line: consisting of major corrective maintenance requiring additional tools, Special Tools and Test Equipment (STTE List), controlled environmental conditions, or specific infrastructure requirements. Task duration generally between four (4) and twenty-four (24) hours.

5.2 Instruments, Decals, Data Plates and Warnings

5.2.1 The Contractor must deliver all onboard instruments, decals and data plates marked in metric units.

5.2.2 Where international symbols are not possible, the Contractor must provide bilingual markings in English and Canadian French, as per paragraph 5.3.5; and

5.2.3 The Contractor must provide warning and precautionary data plates in both official languages of Canada (English and Canadian French) where necessary to protect personnel and equipment, as per paragraph 5.3.5.

5.3 Technical Publication Package

5.3.1 The Contractor must prepare and deliver the following Technical Publications:

5.3.1.1 Operator Manual

5.3.1.1.1 The Contractor must provide an Operator Manual for the WTT IAW CDRL WTT-ILS-201 at Appendix A3.9 (page 46) and its associated DID WTT-ILS-201 at Appendix A4.9 (page 75).

5.3.1.2 Repair Manual

5.3.1.2.1 The Contractor must provide a Repair Manual for the WTT IAW CDRL WTT-ILS-202 at Appendix A3.10 (page 47) and its associated DID WTT-ILS-202 at Appendix A4.10 (page 77).

5.3.1.3 Permissive Repair Schedule and Standard Repair Times

5.3.1.3.1 The Contractor must provide a Permissive Repair Schedule and Standard Repair Times for the WTT IAW CDRL WTT-ILS-203 at Appendix A3.11 (page 48) and its associated DID WTT-ILS-203 at Appendix A4.11 (page 79).

5.3.1.4 Illustrated Parts Manual (IPM)

5.3.1.4.1 The Contractor must provide an Illustrated Parts Manual for the WTT IAW CDRL WTT-ILS-204 at Appendix A3.12 (page 49) and its associated DID WTT-ILS-204 at Appendix A4.12 (page 81); and

5.3.1.4.2 The Illustrated Parts Manual does not need to be provided in Canadian French.

5.3.1.5 Operator Training Package

5.3.1.5.1 The Contractor must provide an Operator Training Package for the WTT IAW CDRL WTT-ILS-205 at Appendix A3.13 (page 50) and its associated DID WTT-ILS-205 at Appendix A4.13 (page 83).

5.3.1.6 Preservation, Storage and Reactivation Instructions

5.3.1.6.1 The Contractor must provide a Preservation, Storage and Reactivation Instructions (PSRI) for the WTT IAW CDRL WTT-ILS-206 at Appendix A3.14 (page 51) and its associated DID WTT-ILS-206 at Appendix A4.14 (page 85).

5.3.1.7 Stowage, Shipping and Handling Instructions

5.3.1.7.1 The Contractor must provide a Stowage, Shipping and Handling Instructions (SSHI) for the WTT IAW CDRL WTT-ILS-207 at Appendix A3.15 (page 52) and its associated DID WTT-ILS-207 at Appendix A4.15 (page 87).

5.3.1.8 Equipment Data Summary

5.3.1.8.1 The Contractor must provide an Equipment Data Summary for the WTT IAW CDRL WTT-ILS-208 at Appendix A3.16 (page 53) and its associated DID WTT-ILS-208 at Appendix A4.16 (page 89).

5.3.2 Front Matter

5.3.2.1 The Contractor must include the following in each Technical Publication:

5.3.2.1.1 A cover page (a template of which will be provided by the ILSM) showing the date the publication was issued and the model/system designation;

5.3.2.1.2 A List of Effective Pages;

5.3.2.1.3 A Revision Control Table;

5.3.2.1.4 A detailed Table of Contents and List of Figures & Tables; and

5.3.2.1.5 An Acronyms and Abbreviations table

5.3.3 Supplementary Information

5.3.3.1 The Contractor must provide supplementary information, in the portions of text that require it, with one or more of the following notices, in the order listed:

5.3.3.1.1 **Danger.** The danger advisory will be used to draw attention to an extreme, violent and continuous hazard to life;

5.3.3.1.2 **Warning.** The warning advisory will be used to emphasize an operating or maintenance procedure, practice, condition, statement, etc. which if not strictly observed, could result in injury to or death of personnel;

5.3.3.1.3 **Caution.** The caution advisory will be used to emphasize an operating or maintenance procedure, practice, condition, statement, etc., which if not strictly observed, could result in maintenance, etc., damage to or destruction of equipment, loss of mission effectiveness or long-term health hazards to personnel;

5.3.3.1.4 **Note.** The note will be used to point out a procedure, event or practice that it is desirable to highlight; and

5.3.3.1.5 **Example.** The example will be used when required to clarify the preceding text.

5.3.4 Copyright - Foreground and Background Information

5.3.4.1 The Contractor must incorporate the copyright symbol and one of the following notices into the Technical Publications, for all Foreground and Background information that is subject to copyright regardless of the form or medium upon which it is recorded:

5.3.4.1.1 Intellectual Property (IP) in Foreground that belongs to the Contractor: "© (insert year) (insert IP owner). This deliverable was delivered under Contract no. XXXX and contains Foreground Intellectual Property (IP). Her Majesty the Queen in Right of Canada has a royalty-free and perpetual license to the IP and is permitted to use, reproduce, modify, and translate, including authorizing contractors to reproduce, modify, and translate, in whole or in part the deliverable for all government purposes including competitive tendering. Refer to the contract terms for additional details as required."

5.3.5 The Contractor must provide the following certificates, for each accepted first-language publication produced under para 5.3.1, to the DND ILSM for approval:

5.3.5.1 Certificate of Validation (Form DND 590);

5.3.5.2 Certificate of Compliance (Form DND 591);

5.3.5.3 Certificate for Reproducible Copy (Form DND 642);

5.3.6 Official Language Requirements

5.3.6.1 The Contractor must deliver all Technical Publications in English and Canadian French (unless indicated above).

5.3.6.2 The Contractor must have all Technical Publications translated by certified translators, such as members of an authorized provincial association of translators, to ensure the quality of translated text.

5.3.6.3 The Contractor must ensure all translations are consistent with approved DND terminology. Approved terminology sources, in order of priority, are as follows:

5.3.6.3.1 Canadian Oxford Dictionary Second Edition (for English);

5.3.6.3.2 Le Petit Robert Edition 2017 (for French); and

5.3.6.3.3 Termium, PSPC Translation Bureau Linguistic Data Bank (http://www.termiumplus.gc.ca/);

5.3.6.4 It is recommended that the Contractor discuss with DND ILSM a bilingual lexicon of terms specific to the WTT before proceeding with production translation.

5.3.6.5 The Contractor must review and accept responsibility for the validity of all (both their own and all sub-Contractors) information found in the Technical Publications.

5.3.6.6 The Contractor must provide to the DND ILSM for approval, certificates of Translation Accuracy Check (DND2515) for each translated Publication produced under para 5.3.

5.3.7 All Technical Publications must be free of advertising, commercial logos, or any other type of promotional marking.

5.4 Provisioning Documentation

5.4.1 The Provisioning Documentation (PD) lists and describes in detail the parts that make up the WTT as well as any specialized or specific items required to support the use and maintenance of the WTT. The PD allows the WTT's Technical Authority to plan and implement a sparing and support strategy.

5.4.2 Included in the PD are all the procurable parts — either from the Contractor or a third party — of the WTT to the Lowest Replaceable Unit (LRU). Also considered procurable parts are the consumables required to operate and maintain the WTT (chemicals, lubricants, etc.) and specialized equipment (special tools, training aids, transport containers, etc.) specific to the WTT.

5.4.3 The Contractor must prepare and deliver the following Provisioning Documentation:

5.4.3.1 Provisioning Parts Breakdown

5.4.3.1.1 The Contractor must provide a Provisioning Parts Breakdown IAW CDRL WTT-ILS-209 at Appendix A3.17 (page 54) and its associated DID WTT-ILS-209 at Appendix A4.17 (page 91).

5.4.3.2 Supplementary Provisioning Technical Documentation

5.4.3.2.1 The Contractor must provide Supplementary Provisioning Technical Documentation IAW CDRL WTT-ILS-210 at Appendix A3.18 (page 55) and its associated DID WTT-ILS-210 at Appendix A4.18 (page 94).

5.4.3.3 Contract Delivery Status Report - Spares

5.4.3.3.1 The Contractor must provide a Contract Delivery Status Report - Spares IAW CDRL WTT-ILS-216 at Appendix A3.24 (page 61) and its associated DID WTT-ILS-216 at Appendix A4.24 (page 105).

5.4.3.4 Contract Delivery Status Report - WTT

5.4.3.4.1 The Contractor must provide a Contract Delivery Status Report - WTT IAW CDRL WTT-ILS-217 at Appendix A3.25 (page 62) and its associated DID WTT-ILS-217 at Appendix A4.25 (page 107).

5.5 Initial Provisioning Conference

5.5.1 The Contractor must hold and chair an Initial Provisioning Conference (IPC). The IPC will occur after the Contractor has delivered Provisioning Documentation (PD) suitable for a successful IPC as determined by the DND ILS Manager.

5.5.2 The purpose of an IPC is to allow DND to verify that the Provisioning Documentation reflects the current and complete configuration of the equipment being procured by comparing it against the Illustrated Parts Manual and draft Provisioning Documentation, and to select the range of spares required to support the system during an initial period of service of two years. For this purpose, the Contractor must provide:

5.5.2.1 A suitable conference facility with projector(s), and three (3) unrestricted, hard-wired, broadband Internet access points through Ethernet (RJ45) connections;

5.5.2.2 Engineering and product support assistance;

5.5.2.3 The equipment for physical examination, if feasible;

5.5.2.4 Engineering, reliability and maintainability data; and

5.5.2.5 Modification data, if applicable.

5.5.3 The Contractor must provide Meeting Documentation for the IPC, as per requirements found at para. 3.3.6.

5.6 Identification Plates

5.6.1 The Contractor must provide Identification Plates – Design Template & Populated Designs IAW CDRL WTT-ILS-211 at Appendix A3.19 (page 58) and its associated DID WTT-ILS-211 at Appendix A4.19 (page 98).

5.6.2 The Contractor must attach Identification Plates to the following components for ease of tracking within the Canadian Forces Supply System:

5.6.2.1 Prime Equipment;

5.6.2.2 Major Spares;

5.6.2.3 STTE;

5.6.2.4 Training Equipment that Canada will own;

5.6.2.5 Transportation, Shipping, Storage Containers that are not single-use;

5.6.2.6 Support Equipment (excluding common tools), and

5.6.2.7 Automatic Test Equipment.

5.6.3 Identification Plates must be considered as procurable parts and included in any and all relevant ILS Provisioning Documentation.

5.7 Controlled & Non-Controlled Goods List

5.7.1 Contractor must provide the Controlled & Non-Controlled Goods List with the Demilitarization Code (DMC) IAW WTT-ILS-212 at Appendix A3.20 (page 59) and its associated DID WTT-ILS-212 at Appendix A4.20 (page 98).

5.8 Identification Labels for Storage and Shipment, and Packaging Codes

5.8.1 The Contractor must supply all parts and equipment, except the Interim Spares, packaged and packed as per D-LM-008-001/SF-001 following:

5.8.1.1 Level B Limited Military Package; and

5.8.1.2 Level B Limited Military Pack;

5.8.2 The Contractor must label all packaging, produced under 5.8.1 above, as per D-LM-008-002/SF-001, using D-LM-008-011/SF-001 to prepare the required codes for packaging and preservation.

5.8.3 The Contractor must provide Identification Labels for Storage and Shipment, and Packaging Codes IAW CDRL WTT-ILS-213 at Appendix A3.21 (page 60), and its associated DID WTT-ILS-213 at Appendix A4.21 (page 100).

5.9 Repair and Overhaul Plan

5.9.1 The Contractor must provide a Repair and Overhaul Plan IAW CDRL WTT-ILS-214 at Appendix A3.22 (page 61), and its associated DID WTT-ILS-211 at Appendix A4.22 (page 102).

5.10 Warranty Support Plan

5.10.1 The Contractor must deliver a Warranty Support Plan IAW CDRL WTT-ILS-215 at Appendix A3.23 (page 62), and its associated DID WTT-ILS-215 at Appendix A4.23 (page 103); and

5.10.2 The Warranty Support Plan must contain the Front Matter as described in 5.3.2 above.

5.11 Data Deliverable Format

5.11.1 Unless otherwise specified as a specific requirement, the Contractor must deliver all of the soft copies of data deliverables, in formats compatible with the office software currently in use by the DND as listed:

5.11.1.1 Microsoft (MS) Windows 7 Enterprise Operating System (OS), Service Pack 1;

5.11.1.2 MS Internet Explorer (IE) 9.0 with 256 Bit Encryption;

5.11.1.3 MS Office Professional Plus 2013 (Word, Excel, Access, PowerPoint and Outlook);

5.11.1.4 Adobe Acrobat X; and

5.11.1.5 WinZip 8.1 SR-1.

6.0 ENVIRONMENTAL HEALTH AND SAFETY

6.1 General

6.1.1 Environmental Health and Safety (EHS) consideration must be incorporated and documented into the decision making process for the Work performed under this Contract. EHS documentation must be maintained within the project file throughout the life of this Contract. The Contractor must provide for and allow DND inspection and monitoring of EHS documentation throughout the life of the contract.

6.1.2 Polychlorinated Biphenyls (PCBs), halocarbons (as identified within the SOR/99-7 - Ozone-Depleting Substances Regulations, 1998), and asbestos are not to be incorporated into the design, operation and maintenance of the equipment, and products used in equipment support activities.

6.1.3 The Contractor must identify and report all sources of mercury contained and used within the design, operation and maintenance of the equipment, and products used in equipment support activities.

6.1.4 The Department is committed to the Federal programs to reduce and eliminate emissions from toxic substances. Contractors must identify and submit justifications for the use of all regulated products and those containing substances identified within the Accelerated Reduction/Elimination of Toxics (ARET, http://www.ec.gc.ca/nopp/aret/en/list.cfm), National Pollutant Release Inventory (NPRI, http://www.ec.gc.ca/pdb/npri/npri_home_e.cfm) and List of Challenge Substances (http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/list_e.html), and also for products containing heavy metals (heavy metals are those identified within Schedule 1 of the Canadian Environmental Protection Act (CEPA)) to the technical authority for approval.

6.1.5 Canada Labour Code, Part II dictates that the least hazardous materials should be used at the workplace. Therefore, the Contractor is to strive to use the least hazardous product that meets the requisite performance requirements.

6.1.6 The Contractor must incorporate EHS warnings and instructions in direct relation of the EHS risks presented in the contents into documentation.

6.1.7 It is the Contractor’s responsibility to ensure that specifications, standards, support documents and test programs are reviewed for EHS compliance.

6.2 Environmental Management System

6.2.1 The Contractor must have a management system in place to control environmental, health and safety impacts resulting from their activities, products and services.

6.2.2 The Contractor must have a formalized set of procedures and control measures in place to achieve conformance with the requirements of this Work, while ensuring environmental, health and safety protection and pollution prevention.

6.2.3 The Contractor must also make reasonable effort to monitor that all subcontractors are in compliance with applicable environmental laws and regulations.

6.3 EHS Packaging Labels and MSDS

6.3.1 The Contractor must label and ship goods falling within the Hazardous Products Act, R.S.C. 1985, C. H-3 and regulation(s) there under, in accordance with the said Act and regulation(s).

6.3.1.1 The Contractor must ship goods accompanied by the required Material Safety Data Sheet(s) (MSDS), completed in either English or Canadian French.

6.3.1.2 The Contractor must clearly identify the contents of the hazardous material with labels, and the MSDS must explain what those hazards are.

7.0 TECHNICAL REQUIREMENTS

7.1 Overview

7.1.1 The Contractor must comply with all specified requirements of the WTT, stated in A1.0 APPENDIX: WTT TECHNICAL SPECIFICATION.

A1.0 APPENDIX: WTT TECHNICAL SPECIFICATION

A1.1 System Requirements

A1.1.1 General

A1.1.1.1 The Water Tank Trailer (WTT) must consist of the following components, and is further described in detail under the System Component Requirements section:

A1.1.1.1.1 Water Tank;

A1.1.1.1.2 Water Heating System (WHS); and,

A1.1.1.1.3 Trailer Chassis

A1.1.1.2 The manufacturer off the WTT must be registered as a commercial importer with Transport Canada (the application package is available by request from Transport Canada) or be a Canadian vehicle manufacturer registered with Transport Canada as a company authorized to affix the National Safety Mark to their vehicle production.

A1.1.1.3 The WTT must meet all applicable Canadian Motor Vehicle Safety Standards (CMVSS) at the time of manufacture.

A1.1.1.4 The WTT must not require more than one (1) person to operate and perform operator maintenance.

A1.1.2 Transportability

A1.1.2.1 The WTT must be transportable by rail IAW MIL-STD-1366E, Chapter 5.2.

A1.1.2.2 Tie-Down and Lifting provisions of the WTT must comply with MIL-STD-209 (Revision K).

A1.1.2.3 The WTT must have emergency towing and recovery facilities that comply with STANAG 4478 ED1.

A1.1.2.4 The WTT at Gross Trailer Weight (GTW) must be safely towable and be fully compatible with all necessary requirements and capacities of the two (2) prime mover vehicles:

A1.1.2.4.1 MSVS, Militarized Commercial of-the-Shelf (MilCOTS);

A1.1.2.4.2 MSVS, Standard Military Pattern (SMP); and

A1.1.2.5 All required technical data for these two (2) vehicles can be found in the references, C-32-F42-000/MA-000, and C-30-K77-000/MB-000.

A1.1.3 WTT Mobility Criteria

A1.1.3.1 The WTT width must not exceed 2.6 m.

A1.1.3.2 The WTT length must not exceed 6.0 m.

A1.1.3.3 The WTT's angle of departure must be greater than 18 degrees (see Para A1.2.3.1.3) with the Rear Impact Guard deployed (angle is measured IAW SAE J1100 dimension A106-2 and with the WTT at GTW and tire pressure adjusted to the manufacturer's recommended inflation pressure).

A1.1.3.4 The fully loaded WTT while moving at cross-country speeds (3-5 km/h) must ford water depths of no less than 750 mm, without experiencing ingress of water that would be detrimental to the function of the trailer or compromise the water quality, IAW STANAG 2805 ED.5.

A1.1.3.5 When driving cross-country at speeds of 3-5 km/h the WTT must move through (forward and reverse) light vegetation without damage to exterior components.

A1.1.3.5.1 Light vegetation is defined as small trees/brush with a stem diameter of 25 mm and 1.5 meter in height.

A1.1.3.6 The WTT, while loaded at the GTW, must attain a static rollover threshold (ROT) of not less than 29 degrees. The ROT will be conducted using the procedures IAW SAE J2180.

A1.1.3.7 The WTT (full and half-full of water) must remain stable at all times and safely negotiate a 60m minimum radius design curve/corners in accordance with Geometric Design Guide for Canadian Roads without overturning. Chapter 3, Table 3.2.3, first serial in Table explains test requirements. An e-max of 0.04 or less, a design value for f at 0.17 or greater, and a safety factor of 1.5 of the designated speed (40km/h X 1.5 = 60 km/hr) will be added to the conditions. This Dynamic ROT must be proven by way of mathematical calculation or analysis, as well as actual live testing. If the trailer's inside wheels do not lift off while being tested in this manner, the trailer is said to have passed this requirement.

A1.1.3.8 The WTT track width must not exceed or be less than the track width limits of the two (2) prime movers.

A1.1.3.9 The WTT tongue weight load must be between 5% and 15% of the GTW, regardless of the percentage laden.

A1.1.4 **CARC Painting**

A1.1.4.1 The WTT must be Chemical Agent Resistant Coating (CARC) painted in accordance with Appendix 5.0 - Work Statement for Chemical Agent Resistant Coating System.

A1.1.4.1.1 Painting procedures in accordance with the paint manufacturer's recommendations must be used, and the finished product must produce a durable finish and a smooth appearance free from runs, sag, and orange peel.

A1.2 System Component Requirements

A1.2.1 **Water Tank**

A1.2.1.1 The Water Tank must have water storage capacity of 3000 liters.

A1.2.1.2 All material which comes in contact with potable water must conform to American National Standards Institute/National Sanitation Foundation (ANSI/NSF) Standards 14 and 61 for potable water contact.

A1.2.1.3 The stainless steel material for the interior of the Water Tank must be 316L, 316Ti or higher stainless steel material quality IAW description in ASTM A240.

A1.2.1.4 Filler metal for all welds must be 316L stainless steel or higher stainless steel material quality IAW description in ASTM A240.

A1.2.1.5 Stainless steel piping and fittings used on the WTT must be 316L or higher stainless steel material quality IAW description in ASTM A240.

A1.2.1.6 Welded tubing assemblies must also utilize 316L stainless steel filler metal or higher stainless steel material quality IAW description in ASTM A240.

A1.2.1.7 All internal surfaces of the Water Tank must have a No. 4 sheet finish, as defined by the Specialty Steel Industry of North America (SSINA), and must be smooth and pit free.

A1.2.1.8 Welded Water Tank surfaces must be finish-ground. The resultant surface must be bright with visible grain and minimal mirror reflection. Surface roughness must have a Root Mean Square (RMS) reading of 25 micro-inches or less and be uniform with no scratches, or major directional markings.

A1.2.1.9 Heat discoloration must be removed from weld zones, and a No. 4 finish applied to the welds to blend with the grain and texture of the tank's base metal.

A1.2.1.10 After grinding, polishing, and re-finishing, all internal surfaces of the Water Tank as well as other welded components must be thoroughly cleaned and be free of dirt, dust, rust, or other solid, surface or liquid contaminants. The entire Water Tank interior must then be chemically pickled and passivated as per American Section of the International Association for Testing Materials ASTM A380 and/or ASTM A967.

A1.2.1.11 The Water Tank must have no free iron after passivation, as per ASTM A967.

A1.2.1.12 Steel components mounted or installed inside the Water Tank must be made of 316, 316Ti or 316L grade stainless steel IAW ASTM A240. However, components with welds must be made of 316Ti or 316L grade stainless steel only.

A1.2.1.12.1 Component design and method of installation must not create an environment that promotes microbial growth or the development of crevice corrosion.

A1.2.1.13 The Water Tank must have internal reinforcements. These reinforcements will also serve as baffles to reduce water movement front to back and side to side during transport.

A1.2.1.13.1 Openings must be provided around the edges of each baffle to allow complete draining of the tank.

A1.2.1.13.2 These baffles must have man way openings to allow for internal physical inspection of all areas of the interior of the tank.

A1.2.1.14 The Water Tank must have a secure and protected venting system that allows pressure release and impedes a vacuum being formed when drawing water.

A1.2.1.15 The Water Tank must be resistant to chlorination and super chlorination.

A1.2.1.16 The Water Tank must have a water quantity indicator that is legible from outside the Water Tank.

A1.2.1.17 The Water Tank must have the marking "POTABLE WATER ONLY/EAU POTABLE SEULEMENT" clearly visible and marked in Large Black letters on all sides of the tank. Markings must be IAW Annex/Appendix - Chemical Agent Resistant Coating System.

A1.2.1.18 The WTT must have a simple means to easily drain all components of water.

A1.2.1.19 For maintenance purposes, the WTT must be designed and manufactured to allow the removal of the Water Tank from the Trailer Chassis.

A1.2.1.19.1 The releasing of the Water Tank from the trailer chassis must:

A1.2.1.19.1.1 Require only common shop tools; and

A1.2.1.19.1.2 Be done with only non-destructive actions, excluding common shop consumables such as locknuts and lock washers.

A1.2.1.19.2 The Water Tank must be designed and manufactured with integral lifting aids to allow the removal of the empty Water Tank from the Trailer Chassis using overhead lift or a fork lift. The Water Tank must not have any lifting aids incorporated in its upper half unless those lifting aids allow the lifting of the entire WTT unladen.

A1.2.1.19.2.1 The integral lifting aids must be marked with "EMPTY TANK LIFT ONLY/SOULEVAGE DE RÉSERVOIR VIDE SEULEMENT"

A1.2.1.19.3 The Water Tank must be designed and manufactured so as to remain upright and stable on a flat, level surface without the need for support stands, blocking, or any other part that is not a part of the Water Tank.

A1.2.1.20 The Water Tank water outlets, inlets, manhole and faucets must be equipped with covers that seal against leaks, mud, dust, insects, vermin and other contaminants, and be recessed within the dimensions stated in para A1.1.3.1 and A1.1.3.2.

A1.2.1.21 The Water Tank water outlets, inlets, manhole and faucets must all have anti-tampering locking devices that can accept a standard padlock with locking bar no smaller than 0.5 cm and no bigger than 1cm.

A1.2.1.22 The Water Tank must have at least one (1) SS 5.08 cm inlet, with Camlock fitting cover and open/close valve to enable secure filling from external sources.

A1.2.1.23 The Water Tank must have a gravity-fed SS 5.08 cm outlet/faucet with Camlock fitting cover and open/close valve, at the lowest possible point, to ensure the complete draining of the tank. This outlet/faucet will be located at the rear of the trailer and also function as a means of filling larger vessels and containers.

A1.2.1.23.1 A Camlock fitting adapter, with Camlock fitting covers must be provided for this outlet/faucet to further reduce/divide the water flow to 3 individually controlled gravity-fed SS 2.54 cm faucets. These 3 faucets must be no less than 32 cm apart and allow for quickly refilling jerry cans, water bottles, or hydration packs. This adapter when not in use will be stored in the storage bin at A1.2.3.6.

A1.2.1.24 The Water Tank must have two (2) gravity-fed SS 2.54 cm faucet for quickly refilling jerry cans, water bottles, or “camelbacks”. These faucets must have a means to be protected against damage and contamination.

A1.2.1.25 Water Tank Top Access

A1.2.1.25.1 In order to safely facilitate access to the top of the Water Tank, a ladder or steps and handhold system must be provided. This ladder or steps and handhold system must afford the operator with the ability to maintain three (3) points of contact with the WTT while carrying out the tasks of filling, inspecting and camouflaging the WTT.

A1.2.1.25.1.1 The ladder or step and handhold system must not impede the function of the WTT or the use of its equipment.

A1.2.1.25.2 All surfaces that may be used as a step area must function as such, and have a non-slip surface.

A1.2.1.25.2.1 Non-slip surfaces must comply with the MIL-PRF-24667C Performance Specification: Coating System, Non-Skid, Type I, Composition G.

A1.2.1.25.3 The Water Tank must have a top access manhole for maintenance or for bulk refilling of the tank:

A1.2.1.25.3.1 The manhole diameter must be no less than 61 cm; and

A1.2.1.25.3.2 The manhole lid must have a device to safely keep it from closing by accident.

A1.2.1.26 The Water Tank must be double-walled and insulated. The insulation must be sufficient to minimize rapid water temperature fluctuation when exposed to temperature extremes. The contractor must test the insulation properties to ensure they pass the following tests:

A1.2.1.26.1 When the WTT is filled with 3000 L of water at 10°C (± 2°C), the increase in the average water temperature must not be more than 1°C every two (2) hours while exposed to an ambient temperature of 49°C.for at least eight (8) hours.

A1.2.1.26.2 When the WTT is filled with 3000 L of water at 10°C (± 2°C), the decrease in the average water temperature must not be more than 1°C every two (2) hours, while exposed to an ambient temperature of -40°C. This temperature decrease must remain constant (1°C or under, for every two (2) hours of exposure) for at least eight (8) hours.

A1.2.2 **Water Heating System (WHS)**

A1.2.2.1 The WHS must monitor, display, and allow the operator to manually set the temperature of the water.

A1.2.2.2 The WHS must be designed to mitigate against drinking water contamination, and must be based on proven, manufactured and tested existing systems.

A1.2.2.3 The WHS must use only F-34 fuel as its sole source of water heating fuel, in accordance with NATO single fuel policy.

A1.2.2.4 The WHS's control system and display must run on 24 VDC.

A1.2.2.5 The WHS control panel or control panel cover must detail start up and operating procedures.

A1.2.2.6 The WHS's electrical power must be provided by:

A1.2.2.6.1 The prime mover, through the trailer's electrical connection, Pin K, max 15 Amp. See Para A1.2.3.5.3. for details and,

A1.2.2.6.2 A 24VDC Absorbed Glass Mat, Deep-cycle battery pack that is charged through the connection points listed in A1.2.3.5.3.

A1.2.2.7 The WHS's control system must automatically switch power source without interruption if one or the other power source is not supplying the required power.

A1.2.2.8 The WHS must have a Master Power switch that will turn the WHS off and not draw any power. This Master Power switch must not be a circuit breaker.

A1.2.2.9 The contractor must test and ensure that the WTT WHS can start and continually function, without an external electrical supply or refueling, to ensure water does not freeze in extreme cold conditions.

A1.2.2.9.1 The Water Tank must start this test filled with 3000L of 10°C water (+0°C, -2°C).

A1.2.2.9.2 The heater must start after being cold soaked for 8 hrs. at -40°C, and warm the water in order to prevent it from freezing for no less than 72 hours.

A1.2.2.9.3 The water at each water outlet, and the outlets themselves must remain ice free and operational throughout this test duration.

A1.2.2.10 The fire extinguisher NSN 4210-21-904-1381 and accompanying bracket NSN 4210-01-345-8175 must be mounted on the WTT.

A1.2.2.11 All WHS electrical components and wiring must meet and be IAW CSA C22.1, ED.23, and CSA C22.2, ED.23

A1.2.2.12 The WHS must also meet the requirements listed at A1.4 Shock and Vibration.

A1.2.3 Chassis

A1.2.3.1 General

A1.2.3.1.1 The WTT must support a payload of no less than 3500 kg.

A1.2.3.1.2 The Trailer Chassis must be a tandem-axle design.

A1.2.3.1.3 The Trailer Chassis must be equipped with Rear Impact Guard IAW CMVSS 223 that must be retractable or foldable.

A1.2.3.1.4 The WTT must have an adjustable Rear Support Leg in order to stabilize the WTT when it is detached from either of the two (2) prime movers.

A1.2.3.1.5 The Rear Support Leg must fold or retract out of the way in a manner that will not affect any function of the WTT.

A1.2.3.1.6 The Trailer Chassis must have recessed or bush-guarded protected lights, reflectors and related components IAW MIL-STD-1179

A1.2.3.1.7 The Trailer Chassis must have a mounting point for an anti-static strap NSN 5920-00-636-3231.

A1.2.3.2 **Suspension**

A1.2.3.2.1 The Trailer Chassis suspension system, mounts and frame must all function in a manner so as to ensure all components of the WTT, at GTW, remain free from damage due to shock and vibration in all conditions as described in this SOW, and while meeting all conditions throughout the range of WTT Mission Profile at A2.0.

A1.2.3.2.2 The Contractor must test and ensure that the WTT passes the Road and Cross-Country Testing.

A1.2.3.2.2.1 The testing will consist of towing the WTT in accordance with the WTT Mission Profile at Appendix A2.0, Paras A2.4.1 serials c, d, e, and f.

A1.2.3.2.2.2 Suitable roads, Trails, and Cross Country routes must be mutually agreed upon by Canada and the contractor.

A1.2.3.2.2.3 The WTT at GTW, must undergo five (5) times the equivalent of one (1) mission profile. Therefore the total distances for each of these serials are: c - 200 km, d – 500 km, e – 250 km, and f – 50 km.

A1.2.3.2.3 Any damage which creates conditions described below that cannot be corrected in 30 minutes or less using tools or parts normally carried on the trailer or towing vehicle, constitutes a test failure:

A1.2.3.2.3.1 Prevents operation or towing,

A1.2.3.2.3.2 Further operation would be unsafe,

A1.2.3.2.3.3 Further operation might result in extensive damage to the equipment.

A1.2.3.3 **Brakes**

A1.2.3.3.1 The Trailer Chassis must be provided with full air-actuated service brakes IAW CMVSS 121.

A1.2.3.3.2 The front of the Chassis must be equipped with air hoses, connectors and couplings and conform to STANAG 2604 ED.3, as follows:

A1.2.3.3.2.1 Position of connectors; per Para 4, Table 1, and Figure 1.

A1.2.3.3.2.2 Nomenclature to be used for Glad-hands and brake lines is: "Service" and "Emergency".

A1.2.3.3.2.3 Identification of connector colour markings will be:

1.2.3.3.2.3.1 Service Glad-hands and brake lines: blue; and

1.2.3.3.2.3.2 Emergency Glad-hands and brake lines: red

A1.2.3.3.3 The Trailer Chassis must be equipped with parking brakes which must control and hold motionless the fully-laden WTT, when facing in either direction up or down a hard surfaced slope of no less than 20% grade IAW SAE J1452.

A1.2.3.3.4 The Trailer Chassis air brake system must be provided with valves, drains or other methods of expelling moisture from all air reservoirs and lines.

A1.2.3.4 **Wheels and Tires**

A1.2.3.4.1 The Trailer Chassis must have tires that are the same as the two (2) prime movers, which are Michelin 395/85R20 XZL TL 168 G tires.

A1.2.3.4.2 The Trailer Chassis must have one (1) full size spare tire and wheel assembly.

A1.2.3.4.3 The trailer Chassis must be provided with 4 suitably sized wheel chocks

A1.2.3.4.4 The Trailer Chassis must have a spare wheel carrier assembly suitable for stowage and deployment of the spare tire and wheel assembly.

A1.2.3.4.5 The wheel carrier, spare tire and wheel assembly must not impede or hamper any function of the WTT.

A1.2.3.4.6 The Trailer Chassis tire and wheel assembly must be changed, including the removal and remounting of the tire and wheel assembly in the carrier, by two (2) soldier, within 30 minutes, using only tools that are included with the Prime Mover of which runs the same size tire and wheel assembly.

A1.2.3.4.7 The Trailer Chassis must have wheel splash and stone throw protection above all wheels and mud flaps behind the rear wheels.

A1.2.3.5 **Electrical System**

A1.2.3.5.1 The Trailer Chassis must have a 24 VDC Standard Military Pattern (SMP) lighting system IAW STANAG 2601 ED.3. The Lamps, reflectors, and signals must be IAW MIL-STD-1179

A1.2.3.5.2 The Trailer Chassis must have a blackout lighting system IAW STANAG 4381.

A1.2.3.5.3 The plug that connects to the prime mover must be IAW STANAG 4007 Ed 2. All WTT electrical connectors or points of connection must have no less than an IP56 rating or equivalent, IAW NEMA IEC 60529.

A1.2.3.6 **Stowage Compartments**

A1.2.3.6.1 The Trailer Chassis must have integrated Stowage Compartments/brackets, and be recessed within the dimensions stated in para A1.1.3.1 and A1.1.3.2.

A1.2.3.6.2 The Stowage Compartments must be of adequate size in order to store four (4) manufacturer-supplied wheel chocks, two (2) large camouflage nets NSN 1080-20-008-1127, all tools required for Operator Maintenance task IAW the Maintenance Concept at para 5.1.1.1 and all equipment specifically recommended and supplied by the manufacturer.

A1.2.3.6.3 The Stowage Compartments must have a locking mechanism that will accept a padlock meeting ASTM F883-04 requirement F2S2.

A1.2.3.6.4 The Trailer Chassis must have a Jerry Can (Fuel & Water) Bracket (2540-21-901-5046)

A1.2.3.7 **Data Plates and Markings**

A1.2.3.7.1 The Trailer Chassis must have a license plate holder, IAW SAE J686, mounted at the rear.

A1.2.3.7.2 The Trailer Chassis must have the following information permanently affixed in a conspicuous and protected location:

A1.2.3.7.2.1 The manufacturer's NCAGE, model number, model year and Vehicle Identification Number (VIN);

A1.2.3.7.2.2 The GTW ratings; and

A1.2.3.7.2.3 The load data.

A1.2.3.8 **Drawbar and Accessories**

A1.2.3.8.1 The Trailer Chassis must have a tow eye IAW STANAG 4101.

A1.2.3.8.2 The height of the Drawbar towing eye must be 1m (± 5 cm) in order to be compatible with the average height of the pintles of the two (2) prime movers. The drawbar allowable deflection from level is ± 5 degrees (based on load and tire pressure).

A1.2.3.8.3 The Drawbar must allow a swing radius between the rear of the two (2) Prime Movers and the Trailer, and must be IAW STANAG 4101.

A1.2.3.8.4 The Trailer Chassis tow eye must have a setting for being secured in the fixed position, so that it can be towed by vehicles with a rotating pintle hook.

A1.2.3.8.5 The Trailer Chassis tow eye must rotate around the longitudinal axis.

A1.2.3.8.6 The Trailer Chassis must have safety chains that are sufficient in length and possess hooks at the ends of these safety chains that are compatible with the clevises of the two (2) prime movers.

A1.2.3.8.7 The WTT must have an adjustable front support leg in order to raise or lower the tongue, and stabilize the WTT when it is detached from either of the two (2) prime movers. The adjustment range must be a minimum of 20cm in either direction from level.

A1.2.3.8.7.1 The front support leg must fold or retract out of the way in a manner that will not affect the function of the WTT when it is attached to either of the two (2) prime movers.

A1.3 Environmental/Climatic Requirements

A1.3.1 The WTT must safely meet all performance requirements in this specification, without physical damage or degradation to the WTT system and sub-systems, during and after exposure to any combination of the meteorological and induced climatic conditions and factors identified in this specification.

A1.3.2 The WTT must be able to be safely stored in all climatic conditions and factors associated with A1, A2, A3, B1, B2, B3, C0, C1, and C2 climatic categories in accordance with AECTP 230, Edition 1, Leaflets 2311/1 through 2311/3 and STANAG 2895, Edition 1, Annex C.

A1.3.3 The WTT must be able to be safely towed, stand-by, and operable in all climatic conditions and factors associated with A1, A2, A3, B1, B2, B3, C0, C1, and C2 climatic categories in accordance with AECTP 230, Edition 1, Leaflets 2311/1 through 2311/3 and STANAG 2895, Edition 1, Annex C.

A1.4 Shock and Vibration Requirements

A1.4.1 The Water Heating System complete as described in A1.2.1.26.2, with its vibration and shock isolation strategy, must meet the requirements of AECTP 400, Method 401, A-3 (vibration) and AECTP 400, page 116, table A-1, 2nd line “Transportation” (shock) respectively.

A1.4.2 WHS post-shock and vibration inspection and testing must be performed to ensure all system components remain free of damage and the system remains functional with no performance degradation. Any damage found to system components or observation of system degradation will constitute a test failure and the agreed upon process within the First Article Acceptance Plan will dictate the process to follow.

A2.0 APPENDIX: Water Tank Trailer (WTT) Mission Profile

A2.1 Intended use

A2.1.1 WTT is intended for use worldwide to support and conduct of all types of land based operations. These operations range from disaster relief to combat operations when the CAF including Joint or Land forces are ordered to deploy to perform land based operations.

A2.2 Missions

A2.2.1 The WTT is a key support trailer for all Regular and Reserve Land Force units. It shall be usable for all the following missions:

A2.2.1.1 Daily domestic and continental operations, delivery water over highways, secondary roads and improvised road such as (but not limited to) cut lines, fire road, trails, etc.

A2.2.1.2 Leading and/or conducting a major international operation for an extended period, supporting Regular Forces Units in the conduct of the operations by transporting water on and off road.

A2.2.1.3 Response to crisis elsewhere in the world for shorter periods. The WTT will be deployed to Support Regular Forces Units in the conduct of the operations.

A2.3 Geographical

A2.3.1 The WTT must perform all its functions with up to maximum gross loads and maintain stability, structural integrity, and operational capability. The WTT must perform in the following operating conditions:

A2.3.1.1 On Highway and Secondary roads;

A2.3.1.2 Through Light Vegetation over Trails and Cut Lines;

A2.3.1.3 On Severe washboard surfaces and cross country conditions;

A2.3.1.4 Over Rocky surfaces, Plowed fields, and through Sand and Mud; and

A2.3.1.5 Over Flooded terrain, as well as Snow and Ice.

A2.4 Usage pattern

A2.4.1 The WTT fleet is expected to be used an average of 2500 kilometers per year. This usage is expected to take place 50% of the time on publicly maintained roads and the remainder on off roads conditions described above. Within the publicly maintained roads, approximately 50% of the total distance will be on paved surfaces, and the remainder will be gravel based and like substances. The table below lists activities that can take place during a mission. This table has been averaged over the life of the trailer over all activities (operations, training, administrative function, etc.) that can take place.

Mission	Unit of Measure	Qty	Comment
a. Time	Duration Hours	10	
b. Length	Distance Kilometers	200	
c. Paved Road	% of Distance	20	Approx. 100 Km/h
d. Secondary road	% of Distance	50	Approx. 60 Km/h
e. Trails	% of Distance	25	Approx. 20 Km/h
f. X-Country	% of Distance	5	Approx. 3-5 Km/h
g. Fording	% of Distance	Trace	Approx. 3-5 Km/h
h. Average Speed	Km/h	30	
i. Max Speed	Km/h	110	Pass or Downhill dash
j. Hard Breaking	Times per Mission (Deceleration of at least 3.5 Km/h)	25	
k. Hard Acceleration	Times per Mission (Acceleration of at least 1 Km/h)	25	
l. Camouflage Trailer	Times per Mission	1	2 Pers climbing on Trailer

Table 1. WTT Duty Cycle

A2.5 **Unusual and severe conditions**

A2.5.1 The WTT is expected to operate in any environment and experiencing temperatures from -40^{0}C, to 49^{0}C. Light vegetation is described as small trees/brush with a stem diameter less than or equal to 25 mm in diameter at breast height. Specific activities such as camouflaging vehicles occur more frequently during exercises.

A2.5.2 The WTT, while driving at cross-country speeds and loaded with water to the GTW, must remain stable while being towed on a traverse, with intermittent stops, on a 30% side slope in a controlled manner, in both forward directions; driver side up the slope and driver side down the slope.

A2.6 **Key Roles and Tasks**

A2.6.1 The WTT will be the intrinsic water supply capability for land based units and formations. The WTT fleet will be used for the Transportation of water for Close support resupply as well as General support resupply;

A2.7 **Life Cycle**

A2.7.1 The WTT expected average annual usage is 2,500 km.

A2.7.2 The WTT expected lifetime usage is 50,000 km.

A2.7.3 The WTT expected life is 20 years.

A3.0 APPENDIX: CONTRACT DATA REQUIREMENTS LIST

A3.1 CDRL Item List

CDRL #	Title	DID #
WTT-PM-001	Project Management Plan	WTT-PM-001
WTT-PM-002	Meeting Agenda	WTT-PM-002
WTT-PM-003	Meeting Minutes	WTT-PM-003
WTT-SE-101	First Article Acceptance Plan	WTT-SE-101
WTT-SE-102	Top Level Assembly Drawings	WTT-SE-102
WTT-SE-103	Acceptance Test Report (ATR)	WTT-SE-103
WTT-ILS-201	Operator Manual	WTT-ILS-201
WTT-ILS-202	Repair Manual	WTT-ILS-202
WTT-ILS-203	Permissive Repair Schedule and Standard Repair Times	WTT-ILS-203
WTT-ILS-204	Illustrated Parts Manual	WTT-ILS-204
WTT-ILS-205	Operator Training Package	WTT-ILS-205
WTT-ILS-206	Preservation, Storage and Reactivation Instructions	WTT-ILS-206
WTT-ILS-207	Stowage, Shipping, and Handling Instructions	WTT-ILS-207
WTT-ILS-208	Equipment Data Summary	WTT-ILS-208
WTT-ILS-209	Provisioning Parts Breakdown	WTT-ILS-209
WTT-ILS-210	Supplementary Provisioning Technical Documentation	WTT-ILS-210
WTT-ILS-211	Identification Plates	WTT-ILS-211
WTT-ILS-212	Controlled & Non-Controlled Goods List	WTT-ILS-212
WTT-ILS-213	Identification Labels for Storage and Shipment, and Packaging Codes	WTT-ILS-213
WTT-ILS-214	Repair and Overhaul Plan	WTT-ILS-214
WTT-ILS-215	Warranty Support Plan	WTT-ILS-215
WTT-ILS-216	Contract Delivery Status Report – Spares	WTT-ILS-216
WTT-ILS-217	Contract Delivery Status Report – WTT	WTT-ILS-217

A3.2 CDRL Table Definitions

The following section defines the various blocks of information found on the CDRL forms:

BLOCK 1 – SYSTEM / ITEM
Provides the name of the System or Item for which the CDRL applies.

BLOCK 2 – ITEM NUMBER
The Item Number is a sequential three-digit number to uniquely identify the individual data item (CDRL number). Note that the 001-099 series is reserved to Project Management (PM) CDRLs, the 101-199 series is reserved to Systems Engineering (SE) CDRLs and the 201-299 series is reserved to Integrated Logistics Support (ILS) CDRLs.

BLOCK 3 - TITLE OR DESCRIPTION OF DATA
The title of the data item being referred to in this CDRL.

BLOCK 4 - AUTHORITY (DATA ITEM NUMBER)
Indicates the Data Item Description (DID) number to which this CDRL refers.

BLOCK 5 - CONTRACT REFERENCE
The specific paragraph number of the Contract Demand, Statement of Work, Request for Proposal, Specification, or other applicable document to assist in identifying the work effort associated with the data item.

BLOCK 6 - FREQUENCY
This block indicates the frequency of the delivered data. The following frequency codes are used:

ANNLY	Annually
ASGEN	As generated
ASREQ	As required
BI-MO	Every 2 months
BI-WK	Every2 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

BLOCK 7 – REQUIRING OFFICE
Identifies the technical office of primary interest responsible for defining the data requirement, reviewing, acceptance and approval of the data item, and ensuring the adequacy of the delivered data.

BLOCK 8 – SUBMISSION SCHEDULE

DATE OF 1ST SUBMISSION - The initial submission date or associated constraint for the 1st submission of the data item is indicated in this block using typical abbreviations as listed above under Block 11.

DATE OF SUBSEQUENT SUBMISSION / EVENT - The date(s) of subsequent submission(s) or associated constraint(s) of the data item is indicated in this block.

BLOCK 9 - DISTRIBUTION AND ADDRESSEES

Indicates the addressees and the respective number of copies (hard copies and soft copies separately), for either the draft or first submissions (Sub-Block “Draft”), and for the final or subsequent submissions (Sub-Block “Final”), for which the data item is required.

BLOCK 10 - TOTAL
Indicates the total number of copies (hard copies and soft copies separately) required for both the original submission and for the final submission.

A3.3 **CDRL – Project Management Plan**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-PM-001	3. TITLE OR DESCRIPTION OF DATA Project Management Plan (PMP)	4. AUTHORITY (Data Item Number) DID WTT-PM-001
5. CONTRACT REFERENCE SOW: **Para. 3.2.1 (pg. 12)** DID: **App. A4.3 (pg. 65)**	6. FREQUENCY R/ASR	7. REQUIRING OFFICE DND PMO
8. SUBMISSION SCHEDULE **First Submission:** The Contractor must provide a draft PMP for review no later than 28 calendar days after the Kick-off Meeting. **Response Time:** Comments on the draft PMP will be provided by Canada no later than 14 calendar days after receipt of the soft copy submission. **Subsequent Submission(s):** The Contractor must provide a revised PMP, addressing Canada's comments, for review and possible acceptance no later than 14 calendar days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised PMP will be provided by Canada no later than seven (7) calendar days after receipt of the soft copy submission.		9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND TA	0	1	0	1

A3.4 **CDRL – Meeting Agenda**

<table>
<tr><th colspan="4">CONTRACT DATA REQUIREMENTS LIST</th></tr>
<tr><td colspan="4">1. SYSTEM / ITEM
Water Tank Trailer</td></tr>
<tr><td>2. ITEM NUMBER
CDRL WTT-PM-002</td><td colspan="2">3. TITLE OR DESCRIPTION OF DATA
Meeting Agenda</td><td>4. AUTHORITY (Data Item Number)
DID WTT-PM-002</td></tr>
<tr><td>5. CONTRACT REFERENCE
SOW: Para. 3.3.6.1.1 (pg. 13)
DID: App. A4.4 (pg. 67)</td><td colspan="2">6. FREQUENCY
ASREQ</td><td>7. REQUIRING OFFICE
DND PMO</td></tr>
<tr><td colspan="2">8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft Meeting Agenda for review no later than seven (7) calendar days prior to each meeting.

Response Time: Comments on the draft Meeting Agenda, and additions and deletions of discussion items, will be provided by Canada no later than five (5) calendar days after receipt of the soft copy submission.

Subsequent Submission: The Contractor must provide a revised Meeting Agenda, addressing Canada’s comments, at the meeting, in soft copy submission one (1) calendar day before each meeting and in hard copy for the meeting.</td><td colspan="2">9. DISTRIBUTION and ADDRESSEES
<table>
<tr><th rowspan="2">A. ADDRESSEE</th><th colspan="4">B. COPIES</th></tr>
<tr><th colspan="2">DRAFT</th><th colspan="2">FINAL</th></tr>
<tr><th>Hard Copy</th><th>Soft Copy</th><th>Hard Copy</th><th>Soft Copy</th></tr>
<tr><td>PSPC CA</td><td>0</td><td>1</td><td>0</td><td>1</td></tr>
<tr><td>DND TA</td><td>0</td><td>1</td><td>0</td><td>1</td></tr>
<tr><td>DND PA</td><td>0</td><td>1</td><td>0</td><td>1</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
</table></td></tr>
</table>

A3.5 **CDRL – Meeting Minutes**

CONTRACT DATA REQUIREMENTS LIST								
1. SYSTEM / ITEM Water Tank Trailer								
2. ITEM NUMBER CDRL WTT-PM-003	3. TITLE OR DESCRIPTION OF DATA Meeting Minutes	4. AUTHORITY (Data Item Number) DID WTT-PM-003						
5. CONTRACT REFERENCE SOW: **Para. 3.3.6.1.2 (pg. 13)** DID: **App. A4.5 (pg. 68)**	6. FREQUENCY ASREQ	7. REQUIRING OFFICE DND PMO						
8. SUBMISSION SCHEDULE **First Submission:** The Contractor must provide draft Meeting Minutes for review no later than seven (7) calendar days following each meeting. **Response Time:** Comments on the draft Meeting Minutes will be provided by Canada no later than seven (7) calendar days after receipt of the soft copy submission. **Subsequent Submission(s):** The Contractor must provide revised Meeting Minutes, addressing Canada's comments, for review and possible acceptance no later than seven (7) calendar days after receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised Meeting Minutes will be provided by Canada no later than seven (7) calendar days after receipt of the soft copy submission.		9. DISTRIBUTION and ADDRESSEES						
		A. ADDRESSEE	B. COPIES					
			DRAFT		FINAL			
			Hard Copy	Soft Copy	Hard Copy	Soft Copy		
		PSPC CA	0	1	0	1		
		DND TA	0	1	0	1		
		DND PA	0	1	0	1		

A3.6 **CDRL – First Article Acceptance Plan (FAAP)**

<table>
<tr><th colspan="6">CONTRACT DATA REQUIREMENTS LIST</th></tr>
<tr><td colspan="6">1. SYSTEM / ITEM
Water Tank Trailer</td></tr>
<tr><td colspan="2">2. ITEM NUMBER
CDRL WTT-SE-101</td><td>3. TITLE OR DESCRIPTION OF DATA
First Article Acceptance Plan (FAAP)</td><td colspan="3">4. AUTHORITY (Data Item Number)
DID WTT-SE-101</td></tr>
<tr><td colspan="2">5. CONTRACT REFERENCE
SOW: Para.4.1.4 (pg. 14)
DID: App. A4.6 (pg. 69)</td><td>6. FREQUENCY
ONE/R</td><td colspan="3">7. REQUIRING OFFICE
DND PMO</td></tr>
<tr><td colspan="3" rowspan="2">8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft First Article Acceptance Plan for review no less then 14 day prior to the CDR. The Draft FAAP will be reviewed at the CDR meeting.

Response Time: Comments on the draft FAAP will be provided by Canada at CDR.

Subsequent Submission: The Contractor must review the FAAP comments from Canada, amend if required, and provide to Canada no less than 14 calendar days later.

Response Time: Comments on the revised FAAP will be provided by Canada no later than 14 calendar days after receipt of the Final submission <u>soft copy.</u></td><td colspan="3">9. DISTRIBUTION and ADDRESSEES</td></tr>
<tr><td colspan="3"><table>
<tr><th rowspan="2">A.
ADDRESSEE</th><th colspan="4">B. COPIES</th></tr>
<tr><th colspan="2">DRAFT</th><th colspan="2">FINAL</th></tr>
<tr><th>Hard Copy</th><th>Soft Copy</th><th>Hard Copy</th><th>Soft Copy</th></tr>
<tr><td>DND
TA</td><td>0</td><td>1</td><td>0</td><td>1</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
</table></td></tr>
</table>

A3.7 **CDRL – Top Level Assembly Drawings**

CONTRACT DATA REQUIREMENTS LIST								
1. SYSTEM / ITEM Water Tank Trailer								
2. ITEM NUMBER CDRL WTT- SE-102	3. TITLE OR DESCRIPTION OF DATA Top Level Assembly Drawings (TLAD)	4. AUTHORITY (Data Item Number) DID WTT- SE-102						
5. CONTRACT REFERENCE SOW: **Para. 3.3.2.2 (pg. 12)** DID: **App. A4.7 (pg. 71)**	6. FREQUENCY ASREQ	7. REQUIRING OFFICE DND ILS Manager						
8. SUBMISSION SCHEDULE **First Submission:** The Contractor must provide draft Top Level Assembly Drawings (TLAD) for review by Canada during the Kick-Off Meeting. **Response Time:** Comments on the TLAD will be provided by Canada no later than seven (7) calendar days after receipt of the hard and soft copy submission. **Subsequent Submission(s):** The Contractor must provide a revised TLAD addressing Canada's comments, for review and possible acceptance no later than seven (7) days after the receipt of Canada's comments. **Response Time:** Comments or acceptance on the revised TLAD will be provided by Canada no later than seven (7) calendar days after receipt of the hard and soft copy submission.		9. DISTRIBUTION and ADDRESSEES						
		A. ADDRESSEE	B. COPIES					
			DRAFT		FINAL			
			Hard Copy	Soft Copy	Hard Copy	Soft Copy		
		DND ILSM	1	1	1	1		
		DND TA	1	1	1	1		

A3.8 **CDRL – Acceptance Test Report (ATR)**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-SE-103	3. TITLE OR DESCRIPTION OF DATA Acceptance Test Report	4. AUTHORITY (Data Item Number) DID WTT-SE-103
5. CONTRACT REFERENCE SOW: para. 4.1.7 (pg.14) DID: App. A4.8 (pg. 73)	6. FREQUENCY ASGEN	7. REQUIRING OFFICE DND PMO

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide each draft Acceptance Test Report for review no later than twenty one (21) calendar days following the completion of each Test.

Response Time: Comments on the draft Acceptance Test Report will be provided by Canada no later than seven (7) calendar days after receipt of the soft copy submission.

Subsequent Submission(s): The Contractor must provide revised Acceptance Test Report addressing Canada's comments, for review and possible acceptance no later than seven (7) calendar days after receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Acceptance Test Report will be provided by Canada no later than seven (7) calendar days after receipt of the soft copy submission.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND TA	0	1	0	1

A3.9 **CDRL – Operator Manual**

CONTRACT DATA REQUIREMENTS LIST						
1. SYSTEM / ITEM Water Tank Trailer						
2. ITEM NUMBER CDRL WTT-ILS-201	3. TITLE OR DESCRIPTION OF DATA Operator Manual	4. AUTHORITY (Data Item Number) DID WTT-ILS-201				
5. CONTRACT REFERENCE SOW: **Para. 5.3.1.1.1 (pg. 15)** DID: **App. A4.9 (pg.75)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager				
8. SUBMISSION SCHEDULE **First Submission (English):** The Contractor must provide a draft English Operator Manual for review by Canada at the onset of FAAT. **Response Time:** Comments on the draft English Operator Manual will be provided by Canada no later than 21 days after the conclusion of FAAT. **Subsequent Submission(s) (English):** The Contractor must provide a revised English Operator Manual, addressing Canada's comments, for review and possible acceptance no later than 28 days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised English Operator Manual will be provided by Canada no later than 21 days after receipt of the hard copy submission. **First Submission (Bilingual):** The Contractor must provide a draft Bilingual Operator Manual for review by Canada no later than 70 days after the acceptance of the English Operator Manual. **Response Time:** Comments on the draft Bilingual Operator Manual will be provided by Canada no later than 21 after receipt of the hard copy submission. **Subsequent Submission(s) (Bilingual):** The Contractor must provide a revised Bilingual Operator Manual, addressing Canada's comments, for review and possible acceptance no later than 21 after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised Bilingual Operator Manual will be provided by Canada no later than 14 after receipt of the hard copy submission.		9. DISTRIBUTION and ADDRESSEES				
		A. ADDRESSEE	B. COPIES			
			DRAFT		FINAL	
			Hard Copy	Soft Copy	Hard Copy	Soft Copy
		DND ILSM	1	1	1	1
		Issued with each WTT			1	

A3.10 **CDRL – Repair Manual**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-202	3. TITLE OR DESCRIPTION OF DATA Repair Manual	4. AUTHORITY (Data Item Number) DID WTT-ILS-202
5. CONTRACT REFERENCE SOW **Para. 5.3.1.2.1 (pg. 15)** DID: **App. A4.10 (pg. 77)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission (English): The Contractor must provide a draft English Repair Manual for review by Canada no later than 42 days following Design Acceptance.

Response Time: Comments on the draft English Repair Manual will be provided by Canada no later than 28 days the receipt of the hard copy submission.

Subsequent Submission(s) (English): The Contractor must provide a revised English Repair Manual, addressing Canada's comments, for review and possible acceptance no later than 28 days after the receipt of Canada's comments.

Response Time: Comments or acceptance of the revised English Repair Manual will be provided by Canada no later than 21 days after receipt of the hard copy submission.

First Submission (Bilingual): The Contractor must provide a draft Bilingual Repair Manual for review by Canada no later than 70 days after the acceptance of the English Repair Manual.

Response Time: Comments on the draft Bilingual Repair Manual will be provided by Canada no later than 21 days after receipt of the hard copy submission.

Subsequent Submission(s) (Bilingual): The Contractor must provide a revised Bilingual Repair Manual, addressing Canada's comments, for review and possible acceptance no later than 21 days after the receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Bilingual Repair Manual will be provided by Canada no later than 21 days after receipt of the hard copy submission.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	2	1

A3.11 **CDRL – Permissive Repair Schedule and Standard Repair Times**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-203	3. TITLE OR DESCRIPTION OF DATA Permissive Repair Schedule and Standard Repair Times	4. AUTHORITY (Data Item Number) DID WTT-ILS-203
5. CONTRACT REFERENCE SOW **Para. 5.3.1.3.1 (pg. 16)** DID: **App. A4.11 (pg. 79)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission (English): The Contractor must provide a draft English Permissive Repair Schedule and Standard Repair Times (PRS/SRT) manual for review by Canada at the same time as the submission of the second draft of the English Repair Manual.

Response Time: Comments on the draft English PRS/SRT manual will be provided by Canada along with those against the second draft English Repair Manual.

Subsequent Submission(s) English: The Contractor must provide a revised English PRS/SRT manual, addressing Canada's comments, for review and possible acceptance at the same time as they provide a revised English Repair Manual, or no later than 21 days after the receipt of Canada's comments if no new submission of the English Repair Manual is required.

Response Time: Comments or acceptance of the revised English PRS/SRT manual will be provided by Canada along with those against the revised English Repair Manual, or no later than 14 days after receipt of the hard copy submission if the English Repair Manual has been previously accepted.

First Submission (Bilingual): The Contractor must provide a draft Bilingual PRS/SRT manual for review by Canada at the same time as the submission of the draft Bilingual Repair Manual.

Response Time: Comments on the draft Bilingual PRS/SRT manual will be provided by Canada along with those against the draft Bilingual Repair Manual.

Subsequent Submission(s) (Bilingual): The Contractor must provide a revised Bilingual PRS/SRT manual, addressing Canada's comments, for review and possible acceptance at the same time as they provide a revised Bilingual Repair Manual, or no later than 21 days after the receipt of Canada's comments if no new submission of the Bilingual Repair Manual is required.

Response Time: Comments or acceptance of the revised Bilingual PRS/SRT will be provided by Canada along with those against the revised Bilingual Repair Manual, or no later than 14 days after receipt of the hard copy submission if the Bilingual Repair Manual has been previously accepted.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	2	1

A3.12 **CDRL – Illustrated Parts Manual**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-204	3. TITLE OR DESCRIPTION OF DATA Illustrated Parts Manual	4. AUTHORITY (Data Item Number) DID WTT-ILS-204
5. CONTRACT REFERENCE SOW **Para. 5.3.1.4.1 (pg. 16)** DID: **App. A4.12 (pg. 81)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft Illustrated Parts Manual for review by Canada no later than 42 days after Design Acceptance.

Response Time: Comments on the draft Illustrated Parts Manual will be provided by Canada no later than 28 days after receipt of the hard copy submission.

Subsequent Submission(s): The Contractor must provide a revised Illustrated Parts Manual, addressing Canada's comments, for review and possible acceptance no later than 28 days after the receipt of Canada's comments.

Resonse Time: Comments or acceptance of the revised Illustrated Parts Manual will be provided by Canada no later than 21 after receipt of the hard copy submission.

Note: The Contractor must provide a subsequent submission of the Illustrated Parts Manual if additional revisions or additions are required after completion of the IPC, at which point the review cycles will follow the schedule for **Subsequent Submission(s)** above.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	3	1

A3.13 **CDRL – Operator Training Package**

CONTRACT DATA REQUIREMENTS LIST								
1. SYSTEM / ITEM Water Tank Trailer								
2. ITEM NUMBER CDRL WTT-ILS-205	3. TITLE OR DESCRIPTION OF DATA Operator Training Package	4. AUTHORITY (Data Item Number) DID WTT-ILS-205						
5. CONTRACT REFERENCE SOW: **Para. 5.3.1.5.1 (pg. 16)** DID: **App. A4.13 (pg. 83)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager						
8. SUBMISSION SCHEDULE **First Submission (English):** The Contractor must provide a draft English Operator Training Package for review by Canada no later than 35 days following the acceptance of the English version of the Operator Manual. **Response Time:** Comments on the draft English Operator Training Package will be provided by Canada no later than 21 days after receipt of the hard copy submission. **Subsequent Submission(s) (English):** The Contractor must provide a revised English Operator Training Package, addressing Canada's comments, for review and possible acceptance no later than 21 after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised English Operator Training Package will be provided by Canada no later than 14 calendar days after receipt of the hard copy submission. **First Submission (Bilingual):** The Contractor must provide a draft Bilingual Operator Training Package for review by Canada no later than 42 days after the acceptance of the Bilingual Operator Manual or the English Operator Training Package, whichever was accepted later. **Response Time:** Comments on the draft Bilingual Operator Training Package will be provided by Canada no later than 21 days after receipt of the hard copy submission. **Subsequent Submission(s) (Bilingual):** The Contractor must provide a revised Bilingual Operator Training Package, addressing Canada's comments, for review and possible acceptance no later than 21 days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised Bilingual Operator Training Package will be provided by Canada no later than 14 days after receipt of the hard copy submission.		9. DISTRIBUTION and ADDRESSEES						
		A. ADDRESS	B. COPIES					
			DRAFT		FINAL			
			Hard Copy	Soft Copy	Hard Copy	Soft Copy		
		DND ILSM	1	1	1	1		

A3.14 **CDRL – Preservation, Storage and Reactivation Instructions**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-206	3. TITLE OR DESCRIPTION OF DATA Preservation, Storage and Reactivation Instructions (PSRI)	4. AUTHORITY (Data Item Number) DID WTT-ILS-206
5. CONTRACT REFERENCE SOW: **Para. 5.3.1.6.1 (pg. 16)** DID: **App. A4.14 (pg. 85)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission (English): The Contractor must provide a hard copy draft English Preservation, Storage and Reactivation Instructions for review by Canada with the first draft submission of the Repair Manual (WTT-ILS-202).

Response Time: Comments on the draft English PSRI will be provided by Canada no later than 28 days after the receipt of the hard copy submission.

Subsequent Submission(s) (English): The Contractor must provide a revised English PSRI, addressing Canada's comments, for review and possible acceptance no later than 28 days after the receipt of Canada's comments.

Response Time: Comments or acceptance of the revised English PSRI will be provided by Canada no later than 21 days after receipt of the hard copy submission.

First Submission (Bilingual): The Contractor must provide a draft Bilingual PSRI for review by Canada no later than 42 days after the acceptance of the English PSRI.

Response Time: Comments on the draft Bilingual PSRI will be provided by Canada no later than 21 days after receipt of the hard copy submission.

Subsequent Submission(s) (Bilingual): The Contractor must provide a revised Bilingual PSRI, addressing Canada's comments, for review and possible acceptance no later than 28 days after the receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Bilingual PSRI will be provided by Canada no later than 14 days after receipt of the hard copy submission.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	1	1

A3.15 **CDRL – Stowage, Shipping and Handling Instructions**

CONTRACT DATA REQUIREMENTS LIST						
1. SYSTEM / ITEM Water Tank Trailer						
2. ITEM NUMBER CDRL WTT-ILS-207	3. TITLE OR DESCRIPTION OF DATA Stowage, Shipping and Handling Instructions (SSHI)	4. AUTHORITY (Data Item Number) DID WTT-ILS-207				
5. CONTRACT REFERENCE SOW: **Para. 5.3.1.7.1 (pg. 16)** DID: **App. A4.15 (pg. 87)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager				
8. SUBMISSION SCHEDULE **First Submission (English):** The Contractor must provide draft English SSHI for review by Canada no later than 56 days following Design Acceptance. **Response Time:** Comments on the draft English SSHI will be provided by Canada no later than 21 days after the receipt of the hard copy submission. **Subsequent Submission(s) (English):** The Contractor must provide revised English SSHI, addressing Canada's comments, for review and possible acceptance no later than 21 days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised English SSHI will be provided by Canada no later than 21 days after receipt of the hard copy submission. **First Submission (Bilingual):** The Contractor must provide draft Bilingual SSHI for review by Canada no later than 42 days after the acceptance of the English SSHI. **Response Time:** Comments on the draft Bilingual SSHI will be provided by Canada no later than 14 days after receipt of the hard copy submission. **Subsequent Submission(s) (Bilingual):** The Contractor must provide revised Bilingual SSHI, addressing Canada's comments, for review and possible acceptance no later than 28 days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised Bilingual SSHI will be provided by Canada no later than 14 days after receipt of the hard copy submission.		9. DISTRIBUTION and ADDRESSEES				
		A. ADDRESSEE	B. COPIES			
			DRAFT		FINAL	
			Hard Copy	Soft Copy	Hard Copy	Soft Copy
		DND ILSM	1	1	1	1

A3.16 **CDRL – Equipment Data Summary**

CONTRACT DATA REQUIREMENTS LIST						
1. SYSTEM / ITEM Water Tank Trailer						
2. ITEM NUMBER CDRL WTT-ILS-208	3. TITLE OR DESCRIPTION OF DATA Equipment Data Summary	4. AUTHORITY (Data Item Number) DID WTT-ILS-208				
5. CONTRACT REFERENCE SOW: **Para. 5.3.1.8.1 (pg. 16)** DID: **App. A4.16 (pg. 89)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager				
8. SUBMISSION SCHEDULE **First Submission (English):** The Contractor must provide a draft English Equipment Data Summary for review by Canada no later than 49 days following Design Acceptance. **Response Time:** Comments on the draft English Equipment Data Summary will be provided by Canada no later than 21 days after receipt of the hard copy submission. **Subsequent Submission(s) (English):** The Contractor must provide a revised English Equipment Data Summary, addressing Canada's comments, for review and possible acceptance no later than 14 days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised Equipment Data Summary will be provided by Canada no later than 14 days after receipt of the hard copy submission. **First Submission (Bilingual):** The Contractor must provide a draft Bilingual Equipment Data Summary for review by Canada no later than 28 days after the acceptance of the English Equipment Data Summary. **Response Time:** Comments on the draft Bilingual Equipment Data Summary will be provided by Canada no later than 14 days after receipt of the hard copy submission. **Subsequent Submission(s) (Bilingual):** The Contractor must provide a revised Bilingual Equipment Data Summary, addressing Canada's comments, for review and possible acceptance no later than 14 days after the receipt of Canada's comments. **Response Time:** Comments or acceptance of the revised Bilingual Equipment Data Summary will be provided by Canada no later than 14 days after receipt of the hard copy submission.		9. DISTRIBUTION and ADDRESSEES				
		A. ADDRESSEE	B. COPIES			
			DRAFT		FINAL	
			Hard Copy	Soft Copy	Hard Copy	Soft Copy
		DND ILSM	1	1	1	1

A3.17 **CDRL – Provisioning Parts Breakdown**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-209	3. TITLE OR DESCRIPTION OF DATA Provisioning Parts Breakdown	4. AUTHORITY (Data Item Number) DID WTT-ILS-209
5. CONTRACT REFERENCE SOW: **Para. 5.4.3.1.1 (pg. 18)** DID: **App. A4.17 (pg. 91)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft Provisioning Parts Breakdown for review by Canada at the same time as the draft Illustrated Parts Manual submission.

Response Time: Comments on the draft Provisioning Parts Breakdown will be provided by Canada no later than 35 days after receipt of the soft copy submission.

Subsequent Submission(s): The Contractor must provide a revised Provisioning Parts Breakdown, addressing Canada's comments, for review and possible acceptance no later than 28 days after receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Provisioning Parts Breakdown will be provided by Canada no later than 14 days after receipt of the soft copy submission.

Note: The Contractor must provide a subsequent submission of the Provisioning Parts Breakdown if additional revisions or additions are required after completion of the IPC.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	1	1

A3.18 **CDRL – Supplementary Provisioning Technical Documentation**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-210	3. TITLE OR DESCRIPTION OF DATA Supplementary Provisioning Technical Documentation	4. AUTHORITY (Data Item Number) DID WTT-ILS-210
5. CONTRACT REFERENCE SOW: **Para. 5.4.3.2.1 (pg. 19)** DID: **App. A4.18 (pg. 94)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft Supplementary Provisioning Technical Documentation for review by Canada at the same time as the draft Illustrated Part Manual submission.

Response Time: Comments on the draft Supplementary Provisioning Technical Documentation will be provided by Canada no later than 28 days after receipt.

The Contractor must revise the draft Supplementary Provisioning Technical Documentation, addressing Canada's comments, and bring the revised Supplementary Provisioning Technical Documentation to the Initial Provisioning Conference.

Subsequent Submission(s) The Contractor must provide a revised Supplementary Provisioning Technical Documentation, addressing Canada's comments and changes resulting from decisions taken during the Initial Provisioning Conference, for review and possible acceptance no later than 14 days from the end date of the Initial Provisioning Conference.

Response Time: Comments or acceptance of the revised Supplementary Provisioning Technical Documentation will be provided by Canada no later than 14 days after receipt.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	1	1

A3.19 **CDRL – Identification Plates – Design Template & Populated Designs**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-211	3. TITLE OR DESCRIPTION OF DATA Identification Plates – Design Template & Populated Designs	4. AUTHORITY (Data Item Number) DID WTT-ILS-211
5. CONTRACT REFERENCE SOW: **Para. 5.6.1 (pg. 19)** DID: **App. A4.19 (pg. 96)**	6. FREQUENCY ONE/R	8. REQUIRING OFFICE DND ILS Manager

9. SUBMISSION SCHEDULE

First Submission (Design Template): The Contractor must provide a draft Identification Plates design template for review by Canada no later than 28 days following the Critical Design Review meeting.

Response Time: Comments on the draft Identification Plates design template will be provided by Canada no later than 21 days after receipt of the hard copy submission.

Subsequent Submission(s) (Design Template): The Contractor must provide a revised Identification Plates design template, addressing Canada's comments, for review and possible acceptance no later than 21 calendar days after the receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Identification Plates design template will be provided by Canada no later than 14 calendar days after receipt of the hard copy submission.

First Submission (Populated Designs): The Contractor must provide all draft populated Identification Plate designs for review by Canada no later than 42 days after Design Acceptance of the WTT.

Response Time: Comments on the draft populated Identification Plate designs will be provided by Canada no later than 21 days after receipt of the hard copy submission.

Subsequent Submission(s) (Populated Designs): The Contractor must provide revised populated Identification Plate designs, addressing Canada's comments, for review and possible acceptance no later than 21 days after the receipt of Canada's comments.

Response Time: Comments or acceptance of the revised populated Identification Plate designs will be provided by Canada no later than 14 calendar days after receipt of the hard copy submission.

10. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	1	1	1	1

A3.20 **CDRL – Controlled & Non-Controlled Goods List**

<table>
<tr><th colspan="6">CONTRACT DATA REQUIREMENTS LIST</th></tr>
<tr><td colspan="6">1. SYSTEM / ITEM
Water Tank Trailer</td></tr>
<tr><td colspan="2">2. ITEM NUMBER
CDRL WTT-ILS-212</td><td colspan="2">3. TITLE OR DESCRIPTION OF DATA
Controlled & Non-Controlled Goods List (CNCGL)</td><td colspan="2">4. AUTHORITY (Data Item Number)
DID WTT-ILS-212</td></tr>
<tr><td colspan="2">5. CONTRACT REFERENCE
SOW: Para. 5.7.1 (pg20)
DID: App. A4.20 (pg. 98)</td><td colspan="2">6. FREQUENCY
ONE/R</td><td colspan="2">7. REQUIRING OFFICE
DND ILS Manager</td></tr>
<tr><td colspan="4" rowspan="2">8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft CNCGL for review by Canada at the same time as the draft Provisioning Parts Breakdown submission.

Response Time: Comments on the draft CNCGL will be provided by Canada no later than 21 calendar days after receipt of the soft copy submission.

Subsequent Submission(s) The Contractor must provide a revised CNCGL, addressing Canada’s comments, for review and possible acceptance no later than 21 calendar days after receipt of Canada’s comments.

Response Time: Comments or acceptance of the revised CNCGL will be provided by Canada no later than 21 calendar days after receipt of the soft copy submission.</td><td colspan="2">9. DISTRIBUTION and ADDRESSEES</td></tr>
<tr><td rowspan="2">A. ADDRESSEE</td><td colspan="4">B. COPIES</td></tr>
<tr><td colspan="2">DRAFT</td><td colspan="2">FINAL</td></tr>
<tr><td></td><td>Hard Copy</td><td>Soft Copy</td><td>Hard Copy</td><td>Soft Copy</td></tr>
<tr><td></td><td>DND ILSM</td><td>0</td><td>1</td><td>1</td><td>1</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>

A3.21 **CDRL – Identification Labels for Storage and Shipment, and Packaging Codes**

CONTRACT DATA REQUIREMENTS LIST

1. SYSTEM / ITEM		
Water Tank Trailer		
2. ITEM NUMBER	3. TITLE OR DESCRIPTION OF DATA	4. AUTHORITY (Data Item Number)
CDRL WTT-ILS-213	Identification Labels for Storage and Shipment, and Packaging Codes	DID WTT-ILS-213
5. CONTRACT REFERENCE	6. FREQUENCY	7. REQUIRING OFFICE
SOW: **Para. 5.8.3 (pg. 20)** DID: **App. A4.21 (pg. 100)**	ONE/R	DND ILS Manager

8. SUBMISSION SCHEDULE

Identification Labels for Storage and Shipment (ILSS) Template

First Submission: The Contractor must provide draft Identification Labels for Storage & Shipment (ILSS) designs for review by Canada no later than 28 days following the close of the IPC.

Response Time: Comments on the draft ILSS Template will be provided by Canada no later than 14 calendar days after receipt of the soft copy submission.

Subsequent Submission(s): The Contractor must provide a revised ILSS Template, addressing Canada's comments, for review and possible acceptance no later than 14 calendar days after receipt of Canada's comments.

Response Time: Comments or acceptance of the ILSS Template will be provided by Canada no later than 14 calendar days after receipt of the soft copy submission.

Packaging Codes (CF271 forms)

First Submission (WTT Main Equipment): The Contractor must provide draft CF271 forms for review by Canada no later than 28 days after Canada provides to the Contractor the item's NATO Stock Number.

First Submission (Spare parts and consumables):
The Contractor must provide draft CF271 forms for review by Canada as prescribed in any Additional Work Request for the purchase of Initial Spares, first appearance only.

Response Time: Comments on the draft CF271 forms will be provided by Canada no later than 21 calendar days after receipt of the soft copy submission.

Subsequent Submission(s): The Contractor must provide revised CF271 forms, addressing Canada's comments, for review and possible acceptance no later than 14 calendar days after receipt of Canada's comments.

Response Time: Comments or acceptance of the revised CF271 forms will be provided by Canada no later than 14 calendar days after receipt of the soft copy submission.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM (Labels)	0	1	1	1
DND ILSM (CF271)	0	1	0	1

A3.22 **CDRL – Repair & Overhaul Plan**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-214	3. TITLE OR DESCRIPTION OF DATA Repair and Overhaul Plan	4. AUTHORITY (Data Item Number) DID WTT-ILS-214
5. CONTRACT REFERENCE SOW: **Para. 5.9.1 (pg. 20)** DID: **App. A4.22 (pg. 102)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft Repair and Overhaul Plan for review by Canada no later than 42 days after the acceptance of the English Repair Manual.

Response Time: Comments on the draft Repair and Overhaul Plan will be provided by Canada no later than 28 calendar days after receipt of the soft copy submission.

Subsequent Submission(s): The Contractor must provide a revised Repair and Overhaul Plan, addressing Canada's comments, for review and possible acceptance no later than 21 calendar days after receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Repair and Overhaul Plan will be provided by Canada no later than 21 calendar days after receipt of the soft copy submission.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	0	1	1	1

A3.23 **CDRL – Warranty Support Plan**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-215	3. TITLE OR DESCRIPTION OF DATA Warranty Support Plan	4. AUTHORITY (Data Item Number) DID WTT-ILS-215
5. CONTRACT REFERENCE SOW: **Para. 5.10.1 (pg. 20)** DID: **App. A4.23 (pg. 103)**	6. FREQUENCY ONE/R	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a draft Warranty Support Plan for review by Canada no later than 56 calendar days following the kick-off meeting.

Response Time: Comments on the draft Warranty Support Plan will be provided by Canada no later than 28 calendar days after receipt of the soft copy submission.

Subsequent Submission(s): The Contractor must provide a revised Warranty Support Plan, addressing Canada's comments, for review and possible acceptance no later than 28 calendar days after receipt of Canada's comments.

Response Time: Comments or acceptance of the revised Warranty Support Plan will be provided by Canada no later than 21 calendar days after receipt of the soft copy submission.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES			
	DRAFT		FINAL	
	Hard Copy	Soft Copy	Hard Copy	Soft Copy
DND ILSM	0	1	1	1

A3.24 **CDRL – Contract Delivery Status Report - Spares**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-216	3. TITLE OR DESCRIPTION OF DATA Contractor Delivery Status Report - Spares (CDSR-S)	4. AUTHORITY (Data Item Number) DID WTT-ILS-216
5. CONTRACT REFERENCE SOW: **Para. 5.4.3.3 (pg. 19)** DID: **App. A4.24 (pg. 105)**	6. FREQUENCY MNTHY	7. REQUIRING OFFICE DND ILS Manager

8. SUBMISSION SCHEDULE

First Submissions: The Contractor must provide a CDSR-S for review by Canada no later than 28 calendar days following the issuance of a spare parts order via DND626 form. Each DND626 order must have their own CDSR-S.

Response Time: Comments on the CDSR-S will be provided by Canada no later than 14 calendar days after receipt of the soft copy submission.

Subsequent Submission(s): Updates to the CDSR-S, addressing Canada's comments as applicable, must be submitted as required, no later than 28 calendar days from previous submissions of a CDSR-S, until all quantities of items listed within the CDSR-S are confirmed delivered to their Canadian points of destination.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES	
	ALL	
	Hard Copy	Soft Copy
DND ILSM	0	1
PSPC CA	0	1
DND PA	0	1

A3.25 **CDRL – Contract Delivery Status Report - WTT**

CONTRACT DATA REQUIREMENTS LIST		
1. SYSTEM / ITEM Water Tank Trailer		
2. ITEM NUMBER CDRL WTT-ILS-217	3. TITLE OR DESCRIPTION OF DATA Contract Delivery Status Report – WTT (CDSR-WTT)	4. AUTHORITY (Data Item Number) DID WTT-ILS-217
5. CONTRACT REFERENCE SOW: **Para. 5.4.3.4.1 (pg. 19)** DID: **App. A4.25 (pg. 107)**	6. FREQUENCY MNTHY	7. REQUIRING OFFICE DND PMO

8. SUBMISSION SCHEDULE

First Submission: The Contractor must provide a CDSR-WTT for review by Canada no later than 28 days following the beginning of WTT production.

Response Time: Comments on the CDSR-WTT will be provided by Canada no later than 14 calendar days after receipt of the soft copy submission.

Subsequent Submission(s): Updates to the CDSR-WTT, addressing Canada's comments as applicable, must be submitted as required, no later than 28 days from previous submissions of a CDSR-WTT, until all quantities of items listed within the CDSR-WTT are confirmed delivered to their Canadian points of destination.

9. DISTRIBUTION and ADDRESSEES

A. ADDRESSEE	B. COPIES	
	ALL	
	Hard Copy	Soft Copy
DND TA	0	1
PSPC CA	0	1
DND PA	0	1
DND ILSM	0	1

A4.0 APPENDIX: DATA ITEM DESCRIPTION

A4.1 DID Item List

DID #	Title	CDRL #
WTT-PM-001	Project Management Plan	WTT-PM-001
WTT-PM-002	Meeting Agenda	WTT-PM-002
WTT-PM-003	Meeting Minutes	WTT-PM-003
WTT-SE-101	First Article Acceptance Plan	WTT-SE-101
WTT-SE-102	Top Level Assembly Drawings	WTT-SE-102
WTT-SE-103	Acceptance Test Report	WTT-SE-103
WTT-ILS-201	Operator Manual	WTT-ILS-201
WTT-ILS-202	Repair Manual	WTT-ILS-202
WTT-ILS-203	Permissive Repair Schedule and Standard Repair Times	WTT-ILS-203
WTT-ILS-204	Illustrated Parts Manual	WTT-ILS-204
WTT-ILS-205	Operator Training Package	WTT-ILS-205
WTT-ILS-206	Preservation, Storage and Reactivation Instructions	WTT-ILS-206
WTT-ILS-207	Stowage, Shipping, and Handling Instructions	WTT-ILS-207
WTT-ILS-208	Equipment Data Summary	WTT-ILS-208
WTT-ILS-209	Provisioning Parts Breakdown	WTT-ILS-209
WTT-ILS-210	Supplementary Provisioning Technical Documentation	WTT-ILS-210
WTT-ILS-211	Identification Plates	WTT-ILS-211
WTT-ILS-212	Controlled & Non-Controlled Goods List	WTT-ILS-212
WTT-ILS-213	Identification Labels for Shipment, and Packaging Codes	WTT-ILS-213
WTT-ILS-214	Repair and Overhaul Plan	WTT-ILS-214
WTT-ILS-215	Warranty Support Plan	WTT-ILS-215
WTT-ILS-216	Contract Delivery Status Report – Spares	WTT-ILS-216
WTT-ILS-217	Contract Delivery Status Report – WTT	WTT-ILS-217

A4.2 DID Table Definitions

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

BLOCK 1 – TITLE
The title of the data item for the DID.

BLOCK 2 - IDENTIFICATION NUMBER
The Data Item Description (DID) number, consisting of a sequential three-digit number and prefixed with an abbreviation code, to uniquely identify the DID. Note that the 001-099 series is reserved to Project Management (PM) DIDs, the 101-199 series is reserved to Systems Engineering (SE) DIDs and the 201-299 series is reserved to Integrated Logistics Support (ILS) DIDs. The abbreviation codes used for the prefix are:

"PM" for Project Management
"SE" for Systems Engineering
"ILS" for Integrated Logistics Support

BLOCK 3 - DESCRIPTION
Provides a general description of the data content requirements.

BLOCK 4 – RELATED DOCUMENT(S)
Provides a listing of the related documents and specifications associated with and required to produce this DID.

BLOCK 5 - CONTRACT REFERENCE
The specific paragraph numbers from the Contract Statement of Work and CDRL to assist in identifying the work effort associated with the data item.

BLOCK 6 - PREPARATION INSTRUCTIONS
Provides the preparation instructions for the content and format requirements for the DID.

A4.3 **DID – Project Management Plan**

DATA ITEM DESCRIPTION	
1. TITLE **Project Management Plan (PMP)**	2. IDENTIFICATION NUMBER DID WTT-PM-001
3. DESCRIPTION The Project Management Plan (PMP) is the top-level plan that describes the Contractor's strategy, plans, methodologies and processes for meeting the requirements of the Contract.	
4. RELATED DOCUMENTS	5. CONTRACT REFERENCE SOW: **Para. 3.2.1 (pg. 12)** CDRL: **App. A3.3 (pg. 40)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The PMP must describe the management processes, administrative procedures and organizational structure that will be used to manage the work of the Contractor.

6.1.2. The PMP must further detail the practices and procedures for project scheduling, planning, organizing, directing, executing, communicating, reporting, managing risk, managing environmental health and safety issues and impacts, managing information, and closing of action items for all Work required by the Contract.

6.1.3. The PMP must address in detail the above points through the following:

6.1.3.1. Overview:

6.1.3.1.1. Purpose, Background, Scope and Objectives;

6.1.3.1.2. Assumptions, Constraints and Risks;

6.1.3.1.3. All Project Deliverables;

6.1.3.1.4. Organization Summary; and

6.1.3.1.5. Schedule overview

6.1.3.2. Project Schedule (Detailed MS Project Gantt chart) which illustrates all project tasks, interdependencies, critical path, and relationships between activities.

6.1.3.3. Organization:

6.1.3.3.1. Project Management Organizational Chart, consisting of internal and external organizations as it pertains to this Contract;

6.1.3.4. Management Processes:

6.1.3.4.1. Project Management Approach and Procedures;

6.1.3.4.2. Schedule Control;

6.1.3.4.3. Quality Assurance;

6.1.3.4.4. Reporting;

6.1.3.4.5. Communications;

6.1.3.4.6. Risk Management (RM);

6.1.3.4.7. Environmental, Health and Safety Issues Management;

6.1.3.4.8. Information Management (IM); and

6.1.3.4.9. Change Control Processes.

6.2. **SOFT COPY FORMAT**

6.2.1. The PMP must be submitted as a PDF file type.

6.2.2. The schedule must be submitted as a MS Project file.

6.2.3. **Soft Copy format submission size below 7MB** – The PMP PDF may be submitted via email as follows:

6.2.3.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.2.3.2. Subject Field: WTT-PM-001 – PMP – Rev [#] – [Date of Issue]

6.2.4. **Soft Copy format submission size at or above 7MB** - The PMP PDF must be submitted on CD or DVD media and be labelled as follows:

6.2.4.1. Water Tank Trailer

6.2.4.2. PMP;

6.2.4.3. WTT-PM-001;

6.2.4.4. The Revision number, and

6.2.4.5. The date of issue.

A4.4 **DID – Meeting Agenda**

DATA ITEM DESCRIPTION	
1. TITLE **Meeting Agenda**	2. IDENTIFICATION NUMBER DID WTT-PM-002
3. DESCRIPTION The Meeting Agenda contains the venue information and identifies the discussion items to be covered at meetings.	
4. RELATED DOCUMENTS	5. CONTRACT REFERENCE SOW: **Para. 3.3.6.1.1 (pg. 13)** CDRL: **App. A3.4 (pg. 41)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Meeting Agenda must set forth the venue, identify all requirements and list the discussion items to be covered at the meeting.

6.1.2. Venue. The Meeting Agenda must address the venue as follows:

6.1.2.1. Meeting Identification Number;

6.1.2.2. Purpose;

6.1.2.3. Date, time and location; and

6.1.2.4. Attendees.

6.1.3. Discussion items. The Meeting Agenda must address the discussion items through the following sections:

6.1.3.1. Opening Remarks;

6.1.3.2. Agenda Review;

6.1.3.3. Review of Previous Minutes;

6.1.3.4. Opened Discussion Items;

6.1.3.5. New Discussion Items;

6.1.3.6. Review of Action Items;

6.1.3.7. Next Venue; and

6.1.3.8. Closing Remarks.

6.2. **SOFT COPY FORMAT**

6.2.1. The Meeting Agenda must be submitted as a PDF file type.

6.2.2. The Meeting Agenda PDF must be submitted via email (submission size not to exceed 7MB) as follows:

6.2.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.2.2.2. Subject Field: WTT-PM-002 – Meeting Agenda – Rev [#] – [Date of Issue]

A4.5 **DID – Meeting Minutes**

DATA ITEM DESCRIPTION	
1. TITLE **Meeting Minutes**	2. IDENTIFICATION NUMBER DID WTT-PM-003
3. DESCRIPTION The Meeting Minutes contains the detailed records of proceedings, discussions, decisions and action items from meetings.	
4. RELATED DOCUMENTS	5. CONTRACT REFERENCE SOW: **Para. 3.3.6.1.2 (pg. 13)** CDRL: **App. A3.5 (pg. 42)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Meeting Minutes must contain the detailed records of proceedings, discussions, decisions and action items from the meeting and be presented through the following sections:

6.1.1.1. General – consisting of meeting identification number, purpose, date, time and location;

6.1.1.2. Attendees, consisting of the organization each person represents, and the identification of the Chairperson(s);

6.1.1.3. Opening Remarks;

6.1.1.4. **Action Item Report** - used to monitor issues, assign responsibility, direct action and track status, history, and progress, and must consisting of:

6.1.1.4.1. Item #; date initiated; required action; assigned actionee; target completion date; cross-reference to all related action items.

6.1.1.4.2. Action Item Report must be **updated** with each meeting and must consisting of:

6.1.1.4.2.1. Action Item current status and the actual date completed;

6.1.1.5. Next Venue;

6.1.1.6. Closing Remarks;

6.2. **SOFT COPY FORMAT**

6.2.1. The Meeting Minutes must be submitted as a PDF file type.

6.2.2. The Meeting Minutes PDF must be submitted via email (submission size not to exceed 7MB) as follows:

6.2.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.2.2.2. Subject Field: WTT-PM-003 – Meeting Minutes – Rev [#] – [Date of Issue]

A4.6 **DID – First Article Acceptance Plan (FAAP)**

DATA ITEM DESCRIPTION	
1. TITLE **First Article Acceptance Plan**	2. IDENTIFICATION NUMBER DID WTT-SE-101
3. DESCRIPTION The First Article Acceptance Plan is the blueprint of activities and procedures that will show that the equipment being offered for acceptance is in accordance with the requirements of this SOW, and satisfies the requirements of the technical specifications.	
4. RELATED DOCUMENTS Nil	5. CONTRACT REFERENCE SOW: **Para. 4.1.4 (pg. 14)** CDRL: **App. A3.6 (pg. 43)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. **First Article Acceptance Plan (FAAP)**

6.1.2. The FAAP must describe all activities to be conducted on the equipment offered for acceptance, and that all requirements from the Technical specifications have been met.

6.1.3. Headings and information that must be considered/included:

6.1.3.1. Introduction;

6.1.3.2. Approach;

6.1.3.3. Item pass/fail criteria, etc.

6.1.4. The FAAP must present the verification method that will be employed to show compliancy with each of the Technical Specification requirements. The FAAP must describe the rationale as to why the proposed verification method was chosen and how it will prove to Canada that the equipment offered for acceptance meets the specific technical specification.

6.1.5. This verification method must be selected from the following:

6.1.5.1. CERTIFICATION – Two forms of Certification are possible: - first would be from a 3rd party recognized association of technical knowledge and expertise in the applicable area being sought, and the second from an "in house" qualified expert that would certify that the standards are met in accordance with his or her own testing or investigation and is attesting to this in his or her professional opinion.

6.1.5.2. ANALYSIS - An element of verification that uses established technical or mathematical models or simulations, algorithms, charts, graphs, circuit diagrams, or other scientific principles and procedures to provide evidence that stated requirements were met.

6.1.5.3. EXAMINATION - An element of verification that is generally non-destructive and typically includes the use of sight, hearing, smell, touch, and taste; simple physical manipulation; and mechanical and electrical gauging and measurement. Must include Information to uniquely identify the item to be inspected.

6.1.5.4. DEMONSTRATION - An element of verification that involves the actual operation of an item to provide evidence that the required functions were accomplished under specific scenarios. The items may be instrumented and performance monitored.

6.1.5.5. TEST - An element of verification in which scientific principles and procedures are applied to determine the properties or functional capabilities of items. Must include Information to uniquely identify the item to be tested, the success/failure criteria to be applied if applicable, as well the configuration and initial conditions, including any preparatory requirements or other pre-test activities;

6.1.6. The FAAP must describe and provide a test plan for all testing whether it be contractor-led mandated acceptance tests, or tests that may be the chosen method of verification as per 6.1.5.5 above. The test plan must include and detail the following for each test:

6.1.6.1. Who will be conducting the test and the rational for why (experience, proper facility, accreditations etc.) and

6.1.6.2. Methodologies or techniques used to ensure requirements are met.

6.1.7. The FAAP must detail the schedule and location of all FAA activities. In cases where “Certification “is the chosen method of verification, the Contractor must detail who the Certifying body is and qualification in order to do so.

6.1.8. The FAAP must detail the steps and expected schedule for Canada’s involvement in, or witnessing of each FAA activities.

6.1.9. The FAAP must also include the following information:

6.1.9.1. Process to follow in case of test failures

6.1.9.2. Measures in place to mitigate financial as well as delivery risks

6.2. **GENERAL FORMAT**

6.2.1. The FAAP must be prepared in the Contractor’s format.

6.3. **SOFT COPY FORMAT**

6.3.1. The FAAP must be submitted as a PDF file.

6.3.2. **Soft Copy format submission size below 7MB** – The FAAP may be submitted via email as follows:

6.3.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.3.2.2. Subject Field: WTT-SE-101 – FAAP – [Rev # as applicable] – [Date of Issue as applicable]

6.3.3. **Soft Copy format submission size at or above 7MB** - The FAAP must be submitted on CD or DVD media and be labelled as follows:

6.3.3.1. Water Tank Trailer

6.3.3.2. First Article Acceptance Plan

6.3.3.3. WTT-SE-101;

6.3.3.4. The Revision number, and

6.3.3.5. The date of issue.

A4.7 **DID – Top Level Assembly Drawings**

DATA ITEM DESCRIPTION	
1. TITLE **Top Level Assembly Drawings**	2. IDENTIFICATION NUMBER DID WTT-SE-102
3. DESCRIPTION The Top Level Assembly Drawings describes the assembled relationship of the WTT and its associated System Component	
4. RELATED DOCUMENTS **D-01-400-001/SG-000** *Standard - Engineering Drawing Practices* **D-01-400-002/SF-000** *Specification - Levels of Engineering Drawings*	5. CONTRACT REFERENCE SOW: **Para. 3.3.2.2 (pg. 12)** CDRL: **App. A3.7 (pg. 44)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Top Level Assembly Drawing must illustrate to Canada that the contractor fully understands the design requirements of the SOW.

6.2. **GENERAL FORMAT**

6.2.1. The Top Level Assembly Drawings must be prepared IAW:

6.2.1.1. D-01-400-002/SF-000, para 3 to para 3.3.1.c; and,

6.2.1.2. D-01-400-001/SG-000, para 7.4.1.

6.2.2. Drawings are required, as follows:

6.2.2.1. The WTT complete with the System Components as listed in Para A1.1.1.1

6.2.2.2. The Water Tank and its components listed in Para A1.2.1

6.2.2.3. Water Heater System and its major components listed in Para A1.2.1.26.2

6.2.2.4. Trailer Chassis and all its major components listed in Para A1.2.3.

6.2.3. All drawings must have at least three standard views or multiple isometric views.

6.3. **HARD COPY FORMAT**

6.3.1. The Top Level Assembly Drawings must be printed on paper with these characteristics:

6.3.1.1. Of standard US size of at least 431 mm x 279 mm (17” x 11”);

6.3.1.2. Weight of no less than 90 gsm;

6.3.1.3. Brightness of no less than 92 ISO brightness;

6.4. **SOFT COPY FORMAT**

6.4.1. The Top Level Assembly Drawings must be submitted as PDF file type, and match the printed format and layout.

6.4.1.1. Viewing the PDF version: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.4.2. **Soft Copy format submission size below 7MB** – The Top Level Assembly Drawing PDFs may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-SE-102 – Top Level Assembly Drawing – Rev [#] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** - The Top Level Assembly Drawing PDFs must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. Top Level Assembly Drawings;

6.4.3.3. WTT-SE-102;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.8 DID – Acceptance Test Report (ATR)

DATA ITEM DESCRIPTION	
1. TITLE **Acceptance Test Report (ATR)**	2. IDENTIFICATION NUMBER **DID WTT-SE-103**
3. DESCRIPTION The Acceptance test reports describe all testing, conditions and results of equipment tested IAW First Article Acceptance Plan FAAP	
4. RELATED DOCUMENTS	5. CONTRACT REFERENCE **SOW**: Para 4.1.7 (pg.14) **CDRL**: App. A3.8 (pg. 45)

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The ATRs must describe the activities that were conducted on the equipment.

6.1.2. The ATRs must make cross references to appropriate technical specifications where applicable. For each test report, the following must be included:

6.1.2.1. Aim of the test,

6.1.2.2. Summary of test procedures,

6.1.2.3. Test results,

6.1.2.4. Description of any Deficiencies noted during testing,

6.1.2.5. Recommendations for correcting any noted deficiencies

6.1.2.6. Schedule of any retesting required, and

6.1.2.7. Risks and contingencies.

6.2. **GENERAL FORMAT**

6.2.1. The Acceptance Test Reports are in the contractor's own format.

6.3. **HARD COPY FORMAT**

6.3.1. The Acceptance Test Reports must be printed on paper with these characteristics:

6.3.2. Weight of no less than 90 g/m^2;

6.3.3. Brightness of no less than 92 ISO brightness;

6.4. **SOFT COPY FORMAT**

6.4.1. The Acceptance Test Reports must be submitted as a PDF file type.

6.4.2. **Soft Copy format submission size below 7MB** – The Acceptance Test Reports PDF may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-SE-103 – Acceptance Test Report – [Rev #] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** - The Acceptance Test Reports PDF must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. Acceptance Test Report

6.4.3.3. WTT-SE-103

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.9 **DID – Operator Manual**

DATA ITEM DESCRIPTION	
1. TITLE **Operator Manual**	2. IDENTIFICATION NUMBER DID WTT-ILS-201
3. DESCRIPTION The Operator Manual contains all the essential information required to describe the safe and correct operative procedures and operator maintenance associated with the equipment.	
4. RELATED DOCUMENTS **C-01-100-100/AG-008** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.1.1 (pg. 1)** CDRL: **App. A3.9 (pg. 46)**

6 PREPARATION INSTRUCTIONS

6.1 **CONTENT**

6.1.1 The Operator Manual must cover the following topics, and others judged pertinent by the Contractor:

6.1.1.1 General Description/Equipment Overview;

6.1.1.2 Pre-use testing/inspection;

6.1.1.3 Preparation and set up for use;

6.1.1.4 Use and operation, including operation under emergency, adverse, or abnormal conditions, when applicable;

6.1.1.5 Operator Maintenance, IAW the Maintenance Concept, SOW para 5.1 (pg. 15);

6.1.1.6 Shut-down and post-shut-down actions and precautions;

6.1.1.7 Preparation for equipment transit by air, land, and sea;

6.1.1.8 Safety/Hazardous material issues;

6.1.2 The Operator Manual material covered in 6.1.1 above, must be amplified by illustrations, line drawings, and high quality pictures.

6.2 **GENERAL FORMAT**

6.2.1 The Operator Manual must be prepared in the Contractor's format while being in full conformance with the above-stated issue of C-01-100-100/AG-008.

6.2.2 The Operator Manual must include the National Defence Index of Documentation (NDID) number, provided to the Contractor by DND, which must be placed on the top right corner of all the pages of the manual.

6.3 **HARD COPY FORMAT**

6.3.1 The accepted Operator Manual hard copies must be:

6.3.1.1 Printed on paper with these characteristics:

6.3.1.1.1 Standard US Letter Size (270 mm x 216 mm)

6.3.1.1.2 Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3 Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2 Bound white or black PVC spiral coil.

6.4 **SOFT COPY FORMAT**

6.4.1 The Operator Manual must be provided in both:

6.4.1.1 a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked;

6.4.1.2 a MS Word file with all references made to a specific paragraph, figure, appendix being appropriately linked.

6.4.2 Viewing the Operator Manual soft copies: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.4.3 **Soft Copy format submission size below 7MB** – The Operator Manual may be submitted via email as follows:

6.4.3.1 To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.3.2 Subject Field: WTT-ILS-201 – Operator Manual – Rev [#] – [Date of Issue]

6.4.4 **Soft Copy format submission size at or above 7MB** - The Operator Manual PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

6.4.4.1 Water Tank Trailer

6.4.4.2 Operator Manual;

6.4.4.3 WTT-ILS-201;

6.4.4.4 The Revision number, and

6.4.4.5 The date of issue.

A4.10 **DID – Repair Manual**

DATA ITEM DESCRIPTION	
1. TITLE **Repair Manual**	2. IDENTIFICATION NUMBER DID WTT-ILS-202
3. DESCRIPTION The Repair Manual contains all the information required by the Technician to perform preventative and corrective maintenance procedures and troubleshooting of the equipment.	
4. RELATED DOCUMENTS **D-01-100-204/SF-000** *Preparation of Preventive Maintenance Instructions* **D-01-100-205/SF-000** *Preparation of Corrective Maintenance Instructions* **C-01-100-100/AG-008** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.2.1 (pg. 15)** CDRL: **App. A3.10 (pg. 47)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Repair Manual must provide descriptive essential, preventive and corrective maintenance information on all components, groups of equipment and systems IAW the Maintenance Concept, Para. **5.1** (pg. 15).

6.1.2. The Repair Manual text must be amplified by comprehensive system or component illustration, good quality color pictures, pictograms and schematics.

6.2. **GENERAL FORMAT**

6.2.1. The Repair Manual must be prepared in the Contractor's format and be in full conformance with the current issue of C-01-100-100/AG-008, D-01-100-204/SF-000 and D-01-100-205/SF-000.

6.2.2. The Repair Manual must include the National Defence Index of Documentation (NDID) number, provided to the Contractor by DND, which must be placed on the right top corner of all the pages of the manual.

6.2.3. The Repair Manual must use illustrations, good quality color pictures and pictograms to help explain and describe actions, part location, relation, and repair context.

6.3. **HARD COPY FORMAT**

6.3.1. The accepted Repair Manual hard copies must be:

6.3.1.1. Printed on paper with these characteristics:

6.3.1.1.1. Standard US Letter Size (216 mm x 270 mm)

6.3.1.1.2. Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3. Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2. Bound with white or black spiral PVC coil.

6.4. **SOFT COPY FORMAT**

6.4.1. The Repair Manual must be provided in both:

6.4.1.1. a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked;

6.4.1.2. a MS Word file with all references made to a specific paragraph, figure, appendix being appropriately linked.

6.4.2. Viewing the Repair Manual soft copies: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.4.3. **Soft Copy format submission size below 7MB** – The Repair Manual soft copies may be submitted via email as follows:

6.4.3.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.3.2. Subject Field: WTT-ILS-202 – Repair Manual – Rev [#] – [Date of Issue]

6.4.4. **Soft Copy format submission size at or above 7MB** - The Repair Manual soft copies must be submitted on CD or DVD media and be labelled as follows:

6.4.4.1. Water Tank Trailer

6.4.4.2. Repair Manual;

6.4.4.3. WTT-ILS-202;

6.4.4.4. The Revision number, and

6.4.4.5. The date of issue.

A4.11 **DID – Permissive Repair Schedule and Standard Repair Times**

DATA ITEM DESCRIPTION	
1. TITLE **Permissive Repair Schedule and Standard Repair Times**	2. IDENTIFICATION NUMBER DID WTT-ILS-203
3. DESCRIPTION The Permissive Repair Schedule and Standard Repair Times (PRS & SRT) provides information for maintenance support and planning of the equipment.	
4. RELATED DOCUMENTS **C-04-010-002/AM-000** *Permissive Repair Schedules (PRSs) and Standard Repair Times (SRTs);* **C-04-006-001/AM-001** *Land Maintenance System Lines of Maintenance and Levels of Repair*	5. CONTRACT REFERENCE SOW: **Para. Para. 5.3.1.3.1 (pg. 16)** CDRL: **App. A3.11 (pg. 48)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The PRS & SRT must include a breakdown of all maintenance tasks for Operator, Technician, and those that would be completed at the OEM, and must also include the number of hours required to perform the repair tasks, rounded up to the nearest half hour.

6.1.2. The Levels of Repair and Lines of Maintenance for the PRS & SRT must be determined using the definitions provided in C-04-006-001/AM-001 and in discussions with DND ILS personnel.

6.2. **GENERAL FORMAT**

6.2.1. The PRS & SRT must be prepared in full conformance with C-04-010-002/AM-000;

6.2.2. The PRS & SRT must have the National Defence Index of Documentation (NDID) number, provided to the Contractor by DND, which must be placed on the top right corner of each page.

6.3. **HARD COPY FORMAT**

6.3.1. The PRS & SRT hard copies must be:

6.3.1.1. Printed on paper with these characteristics:

6.3.1.1.1. Standard US Letter Size (270 mm x 216 mm);

6.3.1.1.2. Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3. Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2. Bound with white or black spiral PVC coil.

6.4. **SOFT COPY FORMAT**

6.4.1. The PRS & SRT must be provided in both:

6.4.1.1. a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked; and,

6.4.1.2. its native format as per SOW para 0.

6.4.2. **Soft Copy format submission size below 7MB** – The PRS & SRT PDF and its native file may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-ILS-203 – PRS & SRT –Rev [#] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** - The PRS & SRT PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. PRS & SRT;

6.4.3.3. WTT-ILS-203;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.12 **DID – Illustrated Parts Manual**

DATA ITEM DESCRIPTION	
1. TITLE **Illustrated Parts Manual**	2. IDENTIFICATION NUMBER DID WTT-ILS-204
3. DESCRIPTION The Illustrated Parts Manual (IPM) contains all the necessary information to positively identify all parts of the equipment and to relate them within assemblies.	
4. RELATED DOCUMENTS **D-01-100-207/SF-002** *Preparation of Interim Illustrated Parts Manuals for Land Equipment***.** **DID WTT-ILS-211** *Provisioning Parts Breakdown*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.4.1 (pg. 16)** CDRL: **App. A3.12 (pg. 49)**

6 PREPARATION INSTRUCTIONS

6.1 **CONTENT**

6.1.1 The Illustrated Parts Manual content must be IAW D-01-100-207/SF-002, and the drawings must be sequenced as per the PPB breakdown of assemblies, by level. That is, an illustration showing a B-level assembly must have have all C-level parts identified in that drawing, as practicable. Any C-level part from that list that has D-level parts must have their illustrations sequenced as per the PPB, but after the C-level list. See Fig 1 below.

PPB Indention	Serial
A	***1***
B	***2***
C	***3***
C	***4***
D	***5***
D	***6***
C	***7***
D	***8***
D	***9***
B	***10***
C	***11***
C	***12***

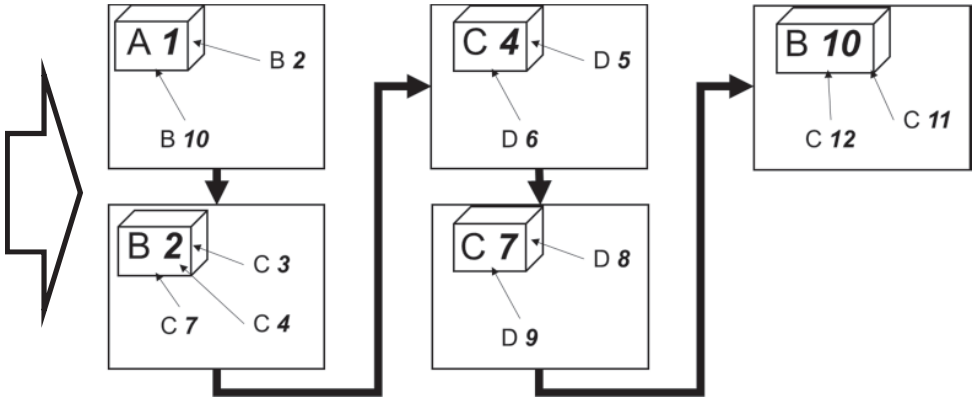

Figure 1. IPM Breakdown Sequence

6.1.2 The Illustrated Parts Manual must contain illustrations, exploded views, and drawings and associated lists necessary for the proper identification of all parts, assemblies, and special equipment to the Lowest Replaceable Unit (LRU).

6.1.3 The exploded views contained in the Illustrated Parts Manual must amplify the relationship between all parts and assemblies to facilitate repair of the equipment and the replacement of parts and assemblies down to the LRU.

6.1.4 The Illustrated Parts Manual must include the National Defence Index of Documentation (NDID) number, provided to the Contractor by DND, which must be placed on the top right corner of each page of the manual.

6.2 **GENERAL FORMAT**

6.2.1 The format of the Illustrated Parts Manual must be IAW D-01-100-207/SF-002, with the exception that “NCAGE” must be used instead of “NSCM” (see DID WTT-ILS-211).

6.2.2 The Illustrated Parts Manual must **not** use photographs as illustrations.

6.3 **HARD COPY FORMAT**

6.3.1 The accepted Illustrated Parts Manual hard copies must be:

6.3.1.1 Printed on paper with these characteristics:

6.3.1.1.1 Standard US Letter Size (216 mm x 270 mm);

6.3.1.1.2 Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3 Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2 Bound with white or black spiral PVC coil.

6.4 **SOFT COPY FORMAT**

6.4.1 The Illustrated Parts Manual soft copy format must be PDF, with searchable text, with pages rotated as needed for normal viewing on screen.

6.4.2 **Soft Copy format submission size below 7MB** – The Illustrated Parts Manual PDF may be submitted via email as follows:

6.4.2.1 To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2 Subject Field: WTT-ILS-204 – Illustrated Parts Manual – Rev [#] – [Date of Issue]

6.4.3 **Soft Copy format submission size at or above 7MB** - The Illustrated Parts Manual PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1 Water Tank Trailer

6.4.3.2 Illustrated Parts Manual;

6.4.3.3 WTT-ILS-204;

6.4.3.4 The Revision number, and

6.4.3.5 The date of issue.

A4.13 **DID – Operator Training Package**

DATA ITEM DESCRIPTION	
1. TITLE **Operator Training Package**	2. IDENTIFICATION NUMBER DID WTT-ILS-205
3. DESCRIPTION The Operator Training Package will be used to facilitate future lesson plan preparation on the operation, Operator maintenance and storage of the equipment.	
4. RELATED DOCUMENTS **C-01-100-100/AG-008** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.5.1 (pg. 16)** CDRL: **App. A3.13 (pg. 50)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Operator Training Package course material must include, in the order judged most appropriate by the Contractor, the following subjects:

6.1.1.1. General Description/Equipment Overview;

6.1.1.2. Pre-use testing/inspection;

6.1.1.3. Preparation and set up for use;

6.1.1.4. Use and operation, including operation under emergency, adverse, or abnormal conditions, when applicable;

6.1.1.5. Preparation for travel, handling, preservation and storage;

6.1.1.6. Safety and Hazardous material issues;

6.1.1.7. Operator Troubleshooting;

6.1.1.8. Basic diagnosis and fault finding; and,

6.1.1.9. Operator Maintenance IAW the Maintenance Concept para. **5.1** (pg. 15).

6.1.2. The training material for the Operator Training Package must be amplified with color schemes, drawings and good quality color photos.

6.1.3. The Operator Training Package course material subjects must be approached from the perspective of trained and qualified Prime Mover drivers.

6.1.4. The Operator Training Package course material must not present any information that cannot also be found in the Technical Publication Package documents; those documents remain the primary reference for the equipment.

6.1.5. The Operator Training Package must include a **Student Handout** that includes the course material described above.

6.1.6. The Operator Training Package must include an **Instructor Lesson Plan** that includes the course material described above, speaker's notes, and that outlines the following:

6.1.6.1. Classroom's physical and functional requirements;

6.1.6.2. Field area's physical and functional requirements;

6.1.6.3. Training Session schedule, divided by course material subjects;

6.1.6.4. Instructor/Student ratio for the course material subjects;

6.1.6.5. Training materiel to be supplied by the Contractor;

6.1.6.6. Training material to be supplied by Canada.

6.2. **GENERAL FORMAT**

6.2.1. The Operator Training Package can be prepared in the Contractor's format while using C-01-100-100/AG-008 as guidance.

6.2.2. No Contractor or sub-contractor logo, name, trademark, or other wording or device that may be interpreted as advertising must appear in the publication.

6.2.3. The Operator Training Package **Student Handout** must have no more than three (3) slides per page of the course material, and have additional space and lines for note taking.

6.2.4. The Operator Training Package **Instructor Lesson Plan** must have one (1) slide per page of the course material, with the speaker's notes below it.

6.3. **HARD COPY FORMAT**

6.3.1. The Operator Training Package must be furnished in a three (3) ring binder(s) and printed on paper with these characteristics:

6.3.1.1. Weight of no less than 90 gsm; and,

6.3.1.2. Brightness of no less than 92 ISO brightness

6.4. **SOFT COPY FORMAT**

6.4.1. The Operator Training Package soft copy format must be MS PowerPoint.

6.4.2. **Soft Copy format submission size below 7MB** – The Operator Training Package may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-ILS-205 – Operator Training Package – Rev [#] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** - The Operator Training Package file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. Operator Training Package;

6.4.3.3. WTT-ILS-205;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.14 **DID – Preservation, Storage and Reactivation Instructions**

DATA ITEM DESCRIPTION	
1. TITLE **Preservation, Storage and Reactivation Instructions**	2. IDENTIFICATION NUMBER DID WTT-ILS-206
3. DESCRIPTION The Preservation, Storage and Reactivation Instructions (PSRI) provides guidance for the preservation and storage, in-storage inspections, exercising, and reactivation of the WTT.	
4. RELATED DOCUMENTS **D-01-100-211/SF-000** *Preservation, Storage and Handling Instructions* **C-01-100-100/AG-008** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.6.1 (pg. 16)** CDRL: **App. A3.14 (pg. 51)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The PSRI must contain the necessary data as outlined in D-01-100-211/SF-000, *Preservation, Storage and Handling Instructions,* **omitting** Part 4 – Handling and Shipping.

6.2. **GENERAL FORMAT**

6.2.1. The PSRI must be prepared in the Contractor's format while being in full conformance with the above-stated issue of C-01-100-100/AG-008.

6.2.2. The PSRI must have the NDID number, provided to the Contractor by DND, on the top right corner of all the pages.

6.3. **HARD COPY FORMAT**

6.3.1. The accepted PSRI hard copies must be:

6.3.1.1. Printed on paper with these characteristics:

6.3.1.1.1. Standard US Letter Size (216 mm x 270 mm)

6.3.1.1.2. Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3. Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2. Bound with white or black spiral PVC coil.

6.4. **SOFT COPY FORMAT**

6.4.1. The PSRI must be provided in both:

6.4.1.1. a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked;

6.4.1.2. a MS Word file with all references made to a specific paragraph, figure, appendix being appropriately linked.

6.4.2. Viewing the soft copies: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.4.3. **Soft Copy format submission size below 7MB** – The PRSI soft copies may be submitted via email as follows:

6.4.3.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.3.2. Subject Field: WTT-ILS-206 – PRSI – Rev [#] – [Date of Issue]

6.4.4. **Soft Copy format submission size at or above 7MB** - The PRSI PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

6.4.4.1. Water Tank Trailer

6.4.4.2. PRSI;

6.4.4.3. WTT-ILS-206;

6.4.4.4. The Revision number, and

6.4.4.5. The date of issue.

A4.15 **DID – Stowage, Shipping, and Handling Instructions**

DATA ITEM DESCRIPTION	
1. TITLE **Stowage, Shipping, and Handling Instructions**	2. IDENTIFICATION NUMBER DID WTT-ILS-207
3. DESCRIPTION The Stowage, Shipping, and Handling Instructions (SSHI) manual provides guidance for the safe stowage, shipping and handling of the equipment.	
4. RELATED DOCUMENTS **D-01-100-211/SF-000** *Preservation, Storage and Handling Instructions* **C-01-100-100/AG-008** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.7.1 (pg. 16)** CDRL: **App. A3.15 (pg. 52)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The SSHI must contain the necessary data as outlined in Part 4 – *Handling and Shipping* of D-01-100-211/SF-000 for:

6.1.1.1. All standard means of conveyance:

6.1.1.1.1. Stowed on a generic flat trailer;

6.1.1.1.2. Rail transport;

6.1.1.1.3. Maritime transport; and,

6.1.1.1.4. Air Transport.

6.1.1.2. All standard means of handling:

6.1.1.2.1. Cranes;

6.1.1.2.2. Military Mobile Maintenance and Recovery Vehicles (TBD);

6.1.1.2.3. Forklifts;

6.1.1.2.4. The means of handling large assemblies in maintenance operations are to be described in the WTT Repair Manual.

6.1.2. Data common to all means of conveyance and handling need not be repeated and can be grouped in a general section.

6.2. **GENERAL FORMAT**

6.2.1. The SSHI must be prepared in the Contractor's format while being in full conformance with the above-stated issue of C-01-100-100/AG-008.

6.2.2. The SSHI must have the National Defence Index of Documentation (NDID) number, provided to the Contractor by DND, on the top right corner of all the pages.

6.3. **HARD COPY FORMAT**

6.3.1. The accepted SSHI hard copies must be:

6.3.1.1. Printed on paper with these characteristics:

6.3.1.1.1. Standard US Letter Size (216 mm x 270 mm)

6.3.1.1.2. Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3. Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2. Bound with white or black spiral PVC coil.

6.4. **SOFT COPY FORMAT**

6.4.1. The SSHI must be provided in both:

6.4.1.1. a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked;

6.4.1.2. a MS Word file with all references made to a specific paragraph, figure, appendix being appropriately linked.

6.4.2. Viewing the soft copies: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.4.3. **Soft Copy format submission size below 7MB** – The SSHI PDF and its native file may be submitted via email as follows:

6.4.3.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.3.2. Subject Field: WTT-ILS-207 – SSHI – Rev [#] – [Date of Issue]

6.4.4. **Soft Copy format submission size at or above 7MB** - The SSHI PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

6.4.4.1. Water Tank Trailer

6.4.4.2. SSHI;

6.4.4.3. WTT-ILS-207;

6.4.4.4. The Revision number, and

6.4.4.5. The date of issue.

A4.16 **DID – Equipment Data Summary**

DATA ITEM DESCRIPTION	
1. TITLE **Equipment Data Summary**	2. IDENTIFICATION NUMBER DID WTT-ILS-208
3. DESCRIPTION The Equipment Data Summary provides vehicle technical specifications and descriptive identification data for the equipment, in abbreviated form, suitable for management or staff planning.	
4. RELATED DOCUMENTS **D-01-100-200/SF-000,** *Preparation of Data Summary; and,* **C-01-100-100/AG-008,** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.3.1.8.1 (pg. 16)** CDRL: **App. A3.16 (pg. 53)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Equipment Data Summary's content must be as outlined in D-01-100-200/SF-000, with the deviation that only line drawings must be used. Only applicable data points need to be included, i.e. the document must not contain "not applicable" or "n/a" markings.

6.2. **GENERAL FORMAT**

6.2.1. The Equipment Data Summary must be prepared in the Contractor's format while being in full conformance with the above-stated issue of C-01-100-100/AG-008.

6.2.2. The Equipment Data Summary must have the National Defence Index of Documentation (NDID) number, provided to the Contractor by DND, on the top right corner of all the pages.

6.3. **HARD COPY FORMAT**

6.3.1. The accepted Equipment Data Summary hard copies must be:

6.3.1.1. Printed on paper with these characteristics:

6.3.1.1.1. Standard US Letter Size (216 mm x 270 mm)

6.3.1.1.2. Covers: 320-370 gsm Polyester film, matt surface and white;

6.3.1.1.3. Pages: 90-140 gsm Polyester film, matt surface and white;

6.3.1.2. Bound with white or black spiral PVC coil.

6.4. **SOFT COPY FORMAT**

6.4.1. The Equipment Data Summary must be provided in both:

6.4.1.1. a PDF file with searchable text that matches the printed publication's format and layout. Links, bookmarks and thumbnails are to be included in the PDF file. All references made to a specific paragraph, figure, appendix must be appropriately linked;

6.4.1.2. a MS Word file with all references made to a specific paragraph, figure, appendix being appropriately linked.

6.4.2. Viewing the soft copies: pages, regardless of size, containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.4.3. **Soft Copy format submission size below 7MB** – The SMP Vehicle and Equipment Data Summary PDF and its native file may be submitted via email as follows:

6.4.3.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.3.2. Subject Field: WTT-ILS-208 – SMP Vehicle and Equipment Data Summary – Rev [#] – [Date of Issue]

6.4.4. **Soft Copy format submission size at or above 7MB** - The SMP Vehicle and Equipment Data Summary PDF and its native file must be submitted on CD or DVD media and be labelled as follows:

6.4.4.1. Water Tank Trailer

6.4.4.2. Equipment Data Summary;

6.4.4.3. WTT-ILS-208;

6.4.4.4. The Revision number, and

6.4.4.5. The date of issue.

A4.17 **DID – Provisioning Parts Breakdown**

DATA ITEM DESCRIPTION	
1. TITLE **Provisioning Parts Breakdown**	2. IDENTIFICATION NUMBER DID WTT-ILS-209
3. DESCRIPTION The Provisioning Parts Breakdown (PPB) is a top-down breakdown of the equipment in the configuration in which it is being procured. This breakdown is accomplished by listing all parts included in the end item in a lateral and descending family tree/generation breakdown. In this breakdown, all assemblies, subassemblies and parts are listed in relation to the next higher assembly. This relationship is shown by means of an indention code as illustrated in the top-down breakdown sequence. For example, an assembly with indention code B must be followed by a detailed breakdown of all the subsequent indention codes pertaining to that assembly before the next indention code B assembly (if any) is, in turn, broken down.	
4. RELATED DOCUMENTS **D-01-100-214/SF-000** *Specification for Preparation of Provisioning Documentation for Canadian Forces Equipment*	5. CONTRACT REFERENCE SOW: **Para. 5.4.3.1.1 (pg. 18)** CDRL: **App. A3.17 (pg. 54)**

6 PREPARATION INSTRUCTIONS

6.1 **CONTENT**

6.1.1 The PPB must contain data as per Table 1 below, which supersedes Figures 1 and 5 in D-01-100-214/SF-000.

6.1.2 The PPB Data Field definitions can be found at section 3.9.4 of the D-01-100-214/SF-000 specification. The following override applies: *Expanded Description (SPTD)* must contain the line item's applicable SPTD filename (see DID WTT-ILS-211).

6.1.3 The PPB attaching parts and fasteners, given a "Y" indention code, must immediately follow the part which they fasten.

6.1.4 For clarity:

6.1.4.1 *Contractor's Part Number* refers only to the Contractor which DND has contracted to supply the equipment; data from sub-contractors for items that they did not manufacture or do not control are not permitted. This field may be left blank if no data is available, or if it is the same as the MRN.

6.1.4.2 *Quantity per Assembly* (QPA) refers to the number of times the item is used in the next higher assembly. For example, a C-level item's QPA will show the number of times it is used in its related B-level assembly, without being multiplied by the number of B-level assemblies.

6.1.4.3 *Quantity per Equipment* (QPE) refers to the total number of times the item is used in the whole prime equipment (A-level). If that quantity exceeds 99999, the figure will show 99999 in the field, with the true quantity (if known) shown in the *Expanded Description* field.

6.1.4.4 *NATO Commercial and Government Entity* (NCAGE) Codes can be searched and requested through the NATO portal: https://eportal.nspa.nato.int/AC135Public/scage/CageList.aspx

TABLE 1

DATA FIELDS REQUIRED	Field Length
Item Number	6
Indention Code	1
Item Name	32
MRN	30
NCAGE	5
Contractor's Part Number	30
NATO Stock Number	16
Quantity Per Assembly (QPA)	4
Quantity Per Equipment (QPE)	5
Standard Unit Price	9
Unit Of Issue	2
Reparability Indicator (REP)	1
Government Supplied Material (GSM)	1
Procurement Lead Time (PLT)	3
Shelf Life	2
Usage Rate	5
Recommended Buy Quantity	8
SMR Code	5
Expanded Description	34
Expanded Description (SPTD)	74

6.1.5 The Source Maintenance and Recoverability (SMR) Codes are used to communicate maintenance and supply instructions to the various logistic support levels and user organizations for the logistic support of systems, equipment, and end items. The PPB SMR Codes must be chosen from the following list (see TABLE 2):

TABLE 2

SMR Field Position	Code	Application/Explanation
First and Second Position *Source Codes*	PA	Item procured and stocked for anticipated or known usage. Items are normally considered for replenishment
	PC	Item procured and stocked, but is deteriorative in nature.
	PF	Support equipment which will not be stocked, but which will be centrally procured on demand.
	XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly
	XC	Installation drawing, diagram, instruction sheet, or field Service drawing, that is identified by the manufacturers' part number.
Third Position *Maintenance Codes*	C	Support item is removed, replaced, used by the operator/crew.
	O	Support item is removed, replaced, or used at the Technician Maintenance level.
	K	Repairable item. Item is removed, replaced, or used at contractor facility.
Fourth Position *Repair Codes*	C	The lowest maintenance activity capable of complete repair of the support item is the operator/crew.
	O	The lowest maintenance activity capable of complete repair of the support item is the Technician Maintenance level.
	K	Repairable support item. Complete repair capability exists at a designated contractor facility.
	Z	Non-repairable.
Fifth Position *Recoverability Codes*	C	Repairable item. When uneconomically repairable, condemn and disposed by the operator/crew.
	Z	Non-repairable item. When item becomes unserviceable, condemn and disposed of by authorized activity.
	O	Repairable item. When uneconomically repairable, condemn and dispose at organizational activity.
	K	Repairable item. Condemnation and disposal to be performed at contractor facility.

6.2 **GENERAL FORMAT**

6.2.1 The PPB must be prepared as an MS Excel spreadsheet, formatted IAW D-01-100-214/SF-000, excepted where superseded by Table 1 above.

6.3 **HARD COPY FORMAT**

6.3.1 The PPB must be printed on paper with these characteristics:

6.3.1.1 Standard US Ledger size (432 mm x 279 mm)

6.3.1.2 Weight of no less than 90 gsm;

6.3.1.3 Brightness of no less than 92 ISO brightness;

6.4 **SOFT COPY FORMAT**

6.4.1 The PPB must be provided as an unlocked MS Excel Spreadsheet file.

6.4.2 **Soft Copy format submission size below 7MB** – The PPB may be submitted via email as follows:

6.4.2.1 To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2 Subject Field: WTT-ILS-209 – PPB – Rev [#] – [Date of Issue]

6.4.3 **Soft Copy format submission size at or above 7MB** - The PPB file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1 Water Tank Trailer

6.4.3.2 Provisioning Parts Breakdown;

6.4.3.3 WTT-ILS-209;

6.4.3.4 The Revision number, and

6.4.3.5 The date of issue.

A4.18 **DID – Supplementary Provisioning Technical Documentation**

DATA ITEM DESCRIPTION

1. TITLE	2. IDENTIFICATION NUMBER
Supplementary Provisioning Technical Documentation	DID WTT-ILS-210

3. DESCRIPTION

The Supplementary Provisioning Technical Documentation (SPTD) fully identifies and describes part(s) that may be catalogued with NATO.

4. RELATED DOCUMENTS	5. CONTRACT REFERENCE
D-01-100-214/SF-000 *Specification for Preparation of Provisioning Documentation for Canadian Forces Equipment* **D-01-400-001/SG-000** *Standard - Engineering Drawing Practices*	SOW: **Para. 5.4.3.2.1 (pg. 19)** CDRL: **App. A3.18 (pg. 55)**

6. **PREPARATION INSTRUCTIONS**

6.1. **CONTENT**

6.1.1. The Supplementary Provisioning Technical Documentation (SPTD) must be provided for each item appearing on the Provisioning Documentation as follows:

6.1.1.1. The SPTD must include the technical data required for DND to classify and fully describe the item within the NATO codification system, allowing for item identification for cataloguing purposes.

6.1.1.2. Key elements of good SPTD:

6.1.1.2.1. Displays the true manufacturing company's logo & address (or NCAGE), and MRN (see D-01-100-214/SF-000 for definitions).

6.1.1.2.2. Lists characteristic data about the item, such as:

6.1.1.2.2.1. Configuration;

6.1.1.2.2.2. Physical characteristics, such as dimensions, tolerances, materiel, mandatory processes, surface finish, protective coatings, etc.;

6.1.1.2.2.3. Electrical characteristics;

6.1.1.2.2.4. Performance data;

6.1.1.2.2.5. Special features which contribute to the uniqueness of the item, especially for common items modified to a particular standard of performance, etc.

6.1.1.2.3. Clearly shows the item in question.

6.1.1.2.4. Shows where the item fits in the next higher assembly (where practical).

6.2. **GENERAL FORMAT**

6.2.1. The SPTD must be prepared as a high-contrast line drawing(s) or with good quality photograph(s) within a Technical Datasheet.

6.2.1.1. If prepared as a drawing, the SPTD must follow the drawing format of D-01-400-001/SG-000 section 7.3, with attached parts lists (for assemblies), so that DND can ensure that the Provisioning Documentation reflects the current and complete configuration of the equipment being produced.

6.3. **HARD COPY FORMAT**

6.3.1. The SPTD must be printed on US Letter, Legal, or Ledger-size paper, as appropriate, with these characteristics:

6.3.1.1. Weight of no less than 90 gsm;

6.3.1.2. Brightness of no less than 92 ISO brightness;

6.4. **SOFT COPY FORMAT**

6.4.1. The SPTD must be submitted in PDF file type, with filenames resolved in the following format: (MRN)_(NCAGE)_(item name).pdf. Special characters inadmissible in a file name must be replaced with a dash (-).

6.4.2. **Soft Copy format submission size below 7MB** – The SPTD PDFs may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-ILS-210 – SPTD – Rev [#] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** – The SPTD PDFs must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. SPTD;

6.4.3.3. WTT-ILS-210;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.19 DID – Identification Plates – Design Template & Populated Designs

DATA ITEM DESCRIPTION

1. TITLE	2. IDENTIFICATION NUMBER
Identification Plates – Design Template & Populated Designs	DID WTT-ILS-211

3. DESCRIPTION

The Identification Plates uniquely identify equipment and components and spares based on the procedures governing the identification marking of Canadian military property.

4. RELATED DOCUMENTS	5. CONTRACT REFERENCE
D-02-002-001/SG-001 *Canadian Forces Standard Identification Marking of Canadian Military Property* **D-01-400-002/SF-000** *Specification - Levels of Engineering Drawings*	SOW: **Para. 5.6.1 (pg. 19)** CDRL: **App. A3.19 (pg. 56)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT AND GENERAL FORMAT**

6.1.1. In accordance with D-02-002-001/SG-001, the Identification Plates affixed to each item included in ANNEX A SOW para 5.6.2 must be of size, format, and construction appropriate for the item being identified, and contain the data required for those Identification Plate formats in both official languages.

6.1.2. The Identification Plates Design Template & Populated Designs must be prepared as representative Level 2 drawings as defined in D-01-400-002/SF-000, with emphasis put on the dimensions and spacing of the typeface used.

6.1.2.1. The Level 2 drawings must include the mounting or installation method for each Identification Plate, with any fasteners described by size, and/or technical standard, and/or NSN, and quantity; and any adhesive or glue described by type and strength.

6.2. **HARD COPY FORMAT**

6.2.1. The Identification Plates Design Template & Populated Designs must be:

6.2.1.1. Printed in 1:1 scale;

6.2.1.2. Printed on Standard US Ledger size paper (432 mm x 279 mm), with a:

6.2.1.2.1. Weight of no less than 90 gsm;

6.2.1.2.2. Brightness of no less than 92 ISO brightness;

6.3. **SOFT COPY FORMAT**

6.3.1. The Identification Plate Design Templates & Populated Designs must be provided as PDF files, named by “Item Name” Part Number.

6.3.2. The Identification Plates Design Template and Populated Designs PDFs containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.3.3. **Soft Copy format submission size below 7MB** – The Identification Plates Design Template & Populated Designs may be submitted via email as follows:

6.3.3.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.3.3.2. Subject Field: WTT-ILS-211 – Identification Plates –Rev [#] – [Date of Issue]

6.3.4. **Soft Copy format submission size at or above 7MB** – The Identification Plates Design Template & Populated Designs file must be submitted on CD or DVD media and be labelled as follows:

6.3.4.1. Water Tank Trailer

6.3.4.2. Identification Plates

6.3.4.3. WTT-ILS-211;

6.3.4.4. The Revision number, and

6.3.4.5. The date of issue.

A4.20 **DID – Controlled & Non-Controlled Goods List**

DATA ITEM DESCRIPTION	
1. TITLE **Controlled & Non-Controlled Goods List (CNCGL)**	2. IDENTIFICATION NUMBER DID WTT-ILS-212
3. DESCRIPTION Controlled Goods Items – The CNCGL identifies if the controlled goods end items, components and sub-components of the equipment are specifically designed and modified for military purpose, and provides the Demilitarization Instructions if required. Non-Controlled Goods Items – The CNCGL still includes non-controlled goods end items, components and sub-components of the equipment, as they will still require a DMC assignment.	
4. RELATED DOCUMENTS **C-02-007-000/AG-001** *Controlled Technology Access and Transfer (CTAT) Manual*	5. CONTRACT REFERENCE SOW: **Para. 5.7.1 (pg. 20)** CDRL: **App. A3.20 (pg. 57)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The CNCGL must identify end items accordingly, IAW C-02-007-000/AG-001:

6.1.1.1. For Canadian origin items, Canada's Export Control List (ECL) articles that apply in accordance with the Defence Product Act (DPA);

6.1.1.2. For US origin dual use, the Export Control Classification Number (ECCN) of the Commerce Control List that applies;

6.1.1.3. For US origin controlled goods also known as defence articles, the United States Munitions List (USML) Category and paragraph that apply in accordance with the International Traffic in Arms Regulations (ITAR);

6.1.1.4. For all other countries other than Canada and the USA, the category and article of the Wassenaar Control List that applies, and

6.1.1.5. All items require a Demilitarization Code (DMC).

6.2. **GENERAL FORMAT**

6.2.1. The CNCGL must be in spreadsheet format with 6 columns:

6.2.1.1. Item name;

6.2.1.2. Manufacturer's Reference Part Number;

6.2.1.3. Ref para for Canadian origin items (ECL);

6.2.1.4. Ref para for US origin controlled goods (USML);

6.2.1.5. Demilitarization Code (DMC);

6.2.1.6. Formal Demilitarisation Instructions, if DMC is F;

6.2.1.7. Remarks.

6.3. **HARD COPY FORMAT**

6.3.1. The CNCGL must be printed on paper with these characteristics:

6.3.1.1. Weight of no less than 90 gsm;

6.3.1.2. Brightness of no less than 92 ISO brightness;

6.4. **SOFT COPY FORMAT**

6.4.1. The CNCGL must be provided as an MS Excel Spreadsheet file.

6.4.2. **Soft Copy format submission size below 7MB** – The CNCGL may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-ILS-212 – CNCGL – [Rev #] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** – The CNCGL file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. CNCGL

6.4.3.3. WTT-ILS-212;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.21 **DID – Identification Labels for Storage and Shipment, and Packaging Codes**

DATA ITEM DESCRIPTION

1. TITLE	2. IDENTIFICATION NUMBER
Identification Labels for Storage and Shipment, and Packaging Codes	DID WTT-ILS-213

3. DESCRIPTION

The Identification Labels for Storage and Shipment, and Packaging Codes ensures that the labelling used to identify packages for items procured by DND and shipped to and stored at a Canadian facility comply with CAF Specifications. As well, this will allow DND to obtain a complete record of packaging codes for catalogued items of the equipment.

4. RELATED DOCUMENTS	5. CONTRACT REFERENCE
D-LM-008-011/SF-001 *Preparation and Use of Packaging Requirements Codes* **D-LM-008-002/SF-001** *Specification for Marking for Storage and Shipment* **D-01-400-002/SF-000** Specification - *Levels of Engineering Drawings*	SOW: **Para. 5.8.3 (pg. 20)** CDRL: **App. A3.21 (pg. 58)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT AND GENERAL FORMAT**

6.1.1. The Packaging Label designs, populated with the appropriate data, must be provided as Level 1 drawings (see D-01-400-002/SF-000) and include dimensions to show the measurements as defined by D-LM-008-002/SF-001 (example: text size, bar code dimensions).

6.1.2. Items that require special packaging, packing, or preservation considerations to meet the required protection level (see 5.8.1 of the SOW) require a CF271 form filled as per D-LM-008-011/SF-001 (see Table 1 below). A separate CF271 form is to be submitted electronically for each item. The files' names must correspond to the item listed within, either by its part number, NSN, detailed item name, or etc.

6.2. **HARD COPY FORMAT**

6.2.1. The Packaging Label designs must be printed on paper with these characteristics:

6.2.1.1. Standard US Ledger size (432 mm x 279 mm)

6.2.1.2. Weight of no less than 90 gsm;

6.2.1.3. Brightness of no less than 92 ISO brightness;

6.3. **SOFT COPY FORMAT**

6.3.1. The Packaging Labels must be provided as PDF files.

6.3.2. The Packaging Labels PDFs containing text and illustrations in landscape, must be rotated for electronic viewing and reading in landscape.

6.3.3. The Packaging Codes must be provided as an MS Excel Spreadsheet file.

6.3.4. **Soft Copy format submission size below 7MB** – The Identification Labels for Storage and Shipment, and Packaging Codes may be submitted via email as follows:

6.3.4.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.3.4.2. Subject Field: WTT-ILS-213 – Identification Labels for Storage and Shipment, and Packaging Codes – [Rev #] – [Date of Issue]

6.3.5. **Soft Copy format submission size at or above 7MB** – The Identification Labels for Storage and Shipment, and Packaging Codes files must be submitted on CD or DVD media and be labelled as follows:

6.3.5.1. Water Tank Trailer

6.3.5.2. Identification Labels for Storage and Shipment, and Packaging Codes

6.3.5.3. WTT-ILS-213;

6.3.5.4. The Revision number, and

6.3.5.5. The date of issue.

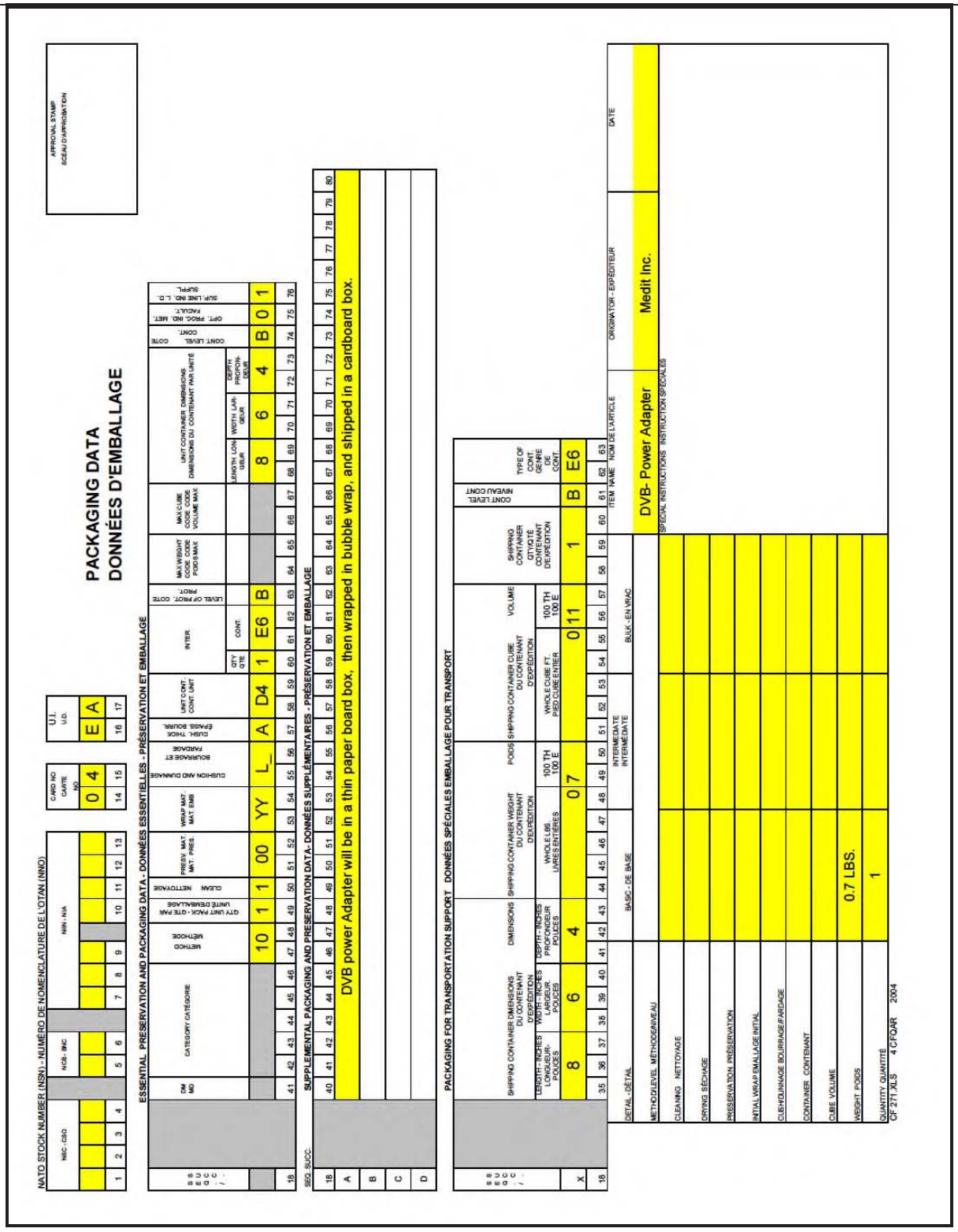

Table 1: Sample CF271 form

A4.22 **DID – Repair and Overhaul Plan**

DATA ITEM DESCRIPTION	
1. TITLE **Repair and Overhaul Plan**	2. IDENTIFICATION NUMBER DID WTT-ILS-214
3. DESCRIPTION The Repair and Overhaul Plan (R&O Plan) provides R&O planning information for the equipment once it's in-service and is sent back for repairs.	
4. RELATED DOCUMENTS	5. CONTRACT REFERENCE SOW: **Para. 5.9.1 (pg. 20)** CDRL: **App. A3.22 (pg. 59)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The R&O Plan must the following information:

6.1.1.1. Item Number (unique sequence no. for each list);

6.1.1.2. Item Name;

6.1.1.3. Manufacturer's Reference Part number;

6.1.1.4. NCAGE Code;

6.1.1.5. NATO Stock Number (if available);

6.1.1.6. Wear out Life;

6.1.1.7. Designated Rework Point.

6.1.2. For each item requiring Repair and Overhaul, provide a Technical Data List identifying the technical data needed by the Repair and Overhaul facility. These data may consist of, for example, overhaul task descriptions, repair schemes, test procedures and modifications to be incorporated.

6.2. **GENERAL FORMAT**

6.2.1. The R&O Plan must be prepared as an MS Excel spreadsheet.

6.3. **HARD COPY FORMAT**

6.3.1. The R&O Plan must be printed on paper with these characteristics:

6.3.1.1. Weight of no less than 90 gsm;

6.3.1.2. Brightness of no less than 92 ISO brightness;

6.4. **SOFT COPY FORMAT**

6.4.1. The R&O Plan must be provided as an MS Excel Spreadsheet file.

6.4.2. **Soft Copy format submission size below 7MB** – The R&O Plan may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-ILS-214 – R&O Plan – Rev [#] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** – The R&O Plan file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. R&O Plan

6.4.3.3. WTT-ILS-214;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.23 **DID - Warranty Support Plan**

DATA ITEM DESCRIPTION	
1. TITLE **Warranty Support Plan**	2. IDENTIFICATION NUMBER DID WTT-ILS-215
3. DESCRIPTION To identify/document the elements that composes the Warranty Support for the WTT, and to provide the framework and strategy to meet Warranty Support obligations.	
4. RELATED DOCUMENTS **C-01-100-100/AG-008** *Writer's Guide for Technical Documentation*	5. CONTRACT REFERENCE SOW: **Para. 5.10.1 (pg. 20)** CDRL: **App. A3.23 (pg. 60)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The Warranty Support Plan's (WSP) subject matter must include, but not be limited to, a detailed discussion on the following:

6.1.1.1. An introduction with a stated purpose and scope.

6.1.1.2. A description of the warranty section. A key point of contact for warranty support matters must be identified.

6.1.1.3. Detailed summary of what is covered under the WTT's standard warranty, including applicable terms and conditions, such as parts and labour, time, usage, and maintenance servicing requirements.

6.1.1.4. Complete warranty control procedures including, but not necessarily limited to, the following:

6.1.1.4.1. Interfacing actions between Contractor and Canada for initiating a warranty action and shipping instructions;

6.1.1.4.2. Procedures followed for the evaluation of defective warrantable items, including ILS publications;

6.1.1.4.3. Procedures to be followed where warranty claims are not substantiated, but DND elects to have the item repaired and returned to service by the Contractor;

6.1.1.4.4. Details relating to the Contractor's disposal of unserviceable warrantable components;

6.1.1.4.5. All costs that are associated with the program must be identified, including a method of compensating DND for effecting warranty repairs on the Contractor's behalf;

6.1.1.4.6. How the Contractor will notify Canada of recalls, emerging safety issues, and other urgent matters the Contractor gains knowledge of concerning the Work.

6.1.1.4.7. How the Contractor will report and correct discrepancies or amend information within the ILS documentation and the dissemination of those amendments and corrections; and,

6.1.1.4.8. How the Contractor will report all closed warranty claims and the status of open claims.

6.1.1.5. Terms and conditions of the packaging warranty coverage;

6.1.1.6. Details of the process to be followed to action a warranty claim for repairs performed by the Contractor;

6.1.2. Each topic of discussion must clearly identify any documentation or information required from DND.

6.1.2.1. Templates of Contractor-generated forms that are to be filled out by DND for any Warranty Action must be included in the WSP.

6.1.3. Any documentation used in Warranty Support activities must be identified and included as part of the WSP.

6.2. **GENERAL FORMAT**

6.2.1. The WSP must be prepared in the Contractor's format.

6.3. **HARD COPY FORMAT**

6.3.1. The WSP must be printed on paper with these characteristics:

6.3.1.1. Weight of no less than 90 gsm;

6.3.1.2. Brightness of no less than 92 ISO brightness;

6.4. **SOFT COPY FORMAT**

6.4.1. The WSP must be submitted in at least one of the formats listed in SOW para 0.

6.4.2. **Soft Copy format submission size below 7MB** – The WSP may be submitted via email as follows:

6.4.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.4.2.2. Subject Field: WTT-ILS-215 – WSP – Rev [#] – [Date of Issue]

6.4.3. **Soft Copy format submission size at or above 7MB** – The WSP file must be submitted on CD or DVD media and be labelled as follows:

6.4.3.1. Water Tank Trailer

6.4.3.2. Warranty Support Plan

6.4.3.3. WTT-ILS-215;

6.4.3.4. The Revision number, and

6.4.3.5. The date of issue.

A4.24 **DID - Contract Delivery Status Report – Spares**

DATA ITEM DESCRIPTION

1. TITLE	2. IDENTIFICATION NUMBER
Contract Delivery Status Report - Spares	DID WTT-ILS-216

3. DESCRIPTION

The Contract Delivery Status Report – Spares (CDSR-S) will report on the Delivery Status of Ordered Spares and to identify and correct any problems which will adversely affect their timely delivery.

4. RELATED DOCUMENTS	5. CONTRACT REFERENCE
	SOW: **Para. 5.4.3.3.1 (pg. 19)** CDRL: **App. A3.24 (pg. 61)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The CDSR-S must contain the data requested through the column headers of Table 1 shown below, and any added by the Contractor (see 6.2.1).

6.2. **GENERAL FORMAT**

6.2.1. The CDSR-S must be prepared in a Microsoft Excel spreadsheet containing at least the data columns shown in Table 1 below. At their discretion, the Contractor may add relevant data columns for their purposes and any they believe will be useful in monitoring and reporting the delivery status of spares.

6.2.2. Line items in the CDSR-S must be grouped by part number or NSN, as applicable.

Table 1

Contract Delivery Status Report - Spares

Contract Number:	**W8476-XXXX**	**Report Date:**	**30/04/2018**
Task Number:	**(Agreed to with CA)**	**Next Report Date:**	**25/05/2018**

Line No	Part Description	NSN (if n/a, Part Number)	Qty Ordered	Batch QTY	Anticipated Shipping Date	Date Shipped	Invoice Number	% Satisfied	Total % Satisfied	Status Notes
1	Wheel Bearing	1000-21-123-1234	100	30	17/04/2018	15/04/2018	MMN00272	30	30	Invoice to be sent 30/05/2018
				30	28/05/2018			30		On track to deliver.
				40	16/06/2018			40		On track to deliver.
2	Seal Kit	234-AGEER-2	200	50	17/04/2018					Item on back order at supplier - Alternate sources being sought.
				75	28/05/2018					Subject to back order status as above.
				75	16/06/2018					Subject to back order status as above.

6.3. **SOFT COPY FORMAT**

6.3.1. The CDSR-S must be provided as an MS Excel Spreadsheet file.

6.3.2. **Soft Copy format submission size below 7MB** – The CDSR-S may be submitted via email as follows:

6.3.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.3.2.2. Subject Field: WTT-ILS-216 – CDSR-S – Rev [#] – [Date of Issue]

6.3.3. **Soft Copy format submission size at or above 7MB** – The CDSR-S file must be submitted on CD or DVD media and be labelled as follows:

6.3.3.1. Water Tank Trailer

6.3.3.2. Contract Delivery Status - Spares

6.3.3.3. WTT-ILS-216

6.3.3.4. (The Report's Date)

A4.25 **DID - Contract Delivery Status Report – WTT**

DATA ITEM DESCRIPTION	
1. TITLE **Contract Delivery Status Report - WTT**	2. IDENTIFICATION NUMBER DID WTT-ILS-217
3. DESCRIPTION The Contract Delivery Status Report – WTT (CDSR-WTT) will report on the Delivery Status of the Water Tank Trailers and to identify and correct any problems which will adversely affect their timely delivery.	
4. RELATED DOCUMENTS	5. CONTRACT REFERENCE SOW: **Para. 5.4.3.4.1 (pg.19)** CDRL: **App. A3.25 (pg. 62)**

6. PREPARATION INSTRUCTIONS

6.1. **CONTENT**

6.1.1. The CDSR-WTT must contain the data requested through the column headers of Table 1 shown below, and any added by the Contractor (see 6.2.1).

6.2. **GENERAL FORMAT**

6.2.1. The CDSR-WTT must be prepared in a Microsoft Excel spreadsheet containing at least the data columns shown in Table 1 below. At their discretion, the Contractor may add relevant data columns for their purposes and any they believe will be useful in monitoring and reporting the delivery status of spares.

6.2.2. Line items in the CDSR-WTT must be grouped by destination (Canadian Forces Supply Depots).

6.3. **SOFT COPY FORMAT**

6.3.1. The CDSR-WTT must be provided as an MS Excel Spreadsheet file.

6.3.2. **Soft Copy format submission size below 7MB** – The CDSR-WTT may be submitted via email as follows:

6.3.2.1. To Field: As per the related CDRL section 9.A. Addressee, as identified in the contract.

6.3.2.2. Subject Field: WTT-ILS-217 – CDSR-WTT – Rev [#] – [Date of Issue]

6.3.3. **Soft Copy format submission size at or above 7MB** – The CDSR-WTT file must be submitted on CD or DVD media and be labelled as follows:

6.3.3.1. Water Tank Trailer

6.3.3.2. Contract Delivery Status - WTT

6.3.3.3. WTT-ILS-217

6.3.3.4. The Report's Date

Table 1

Contract Delivery Status Report - WTT

		Contract Number:	W8476-XXXX		Report Date:	28/05/2018
		WTT NSN:	1000-21-789-7890		Next Report:	26/06/2018

Destination	Line No.	VIN (or S/N)	Status	Anticipated Ship Date:	Actual Ship Date:	Notes
Edmonton (7CFSD)	1	2ASD-100	Shipped	25/05/2018	26/05/2018	Invoice # L1022, 30/05/2018
	2	2ASD-101	Ready to ship	01/06/2018		Invoice # L1024, 09/06/2018
	3	2ASD-102	Ready to ship	01/06/2018		Invoice # L1024, 09/06/2018
	4	2ASD-103	In Production	16/06/2018		
	5	2ASD-104	In Production	16/06/2018		
	6	2ASD-105	In Production	16/06/2018		
	7	2ASD-106	In Production	16/06/2018		
	8	2ASD-107	In QA	10/06/2018		On track to ship
	9	2ASD-108	In QA	10/06/2018		On track to ship
Montreal (25CFSD)	10	2ASD-109	Prod: July 2018	18/08/2018		May be delayed due to part back order
	11	2ASD-110	Prod: July 2018	18/08/2018		May be delayed due to part back order
	12	2ASD-111	Prod: July 2018	18/08/2018		May be delayed due to part back order
	13	2ASD-112	Prod: July 2018	18/08/2018		May be delayed due to part back order
	14	2ASD-113	Prod: Aug 2018	23/09/2018		
	15	2ASD-114	Prod: Aug 2018	23/09/2018		
	16	2ASD-115	Prod: Aug 2018	23/09/2018		
	17	2ASD-116	Prod: Aug 2018	23/09/2018		

A5.0 APPENDIX: CHEMICAL AGENT RESISTANT COATING SYSTEM

A5.1 Scope

A5.1.1 This appendix outlines the procedures to be followed and the products to be used in order to paint surfaces of the Canadian Army operational vehicles/equipment with the distinctive exterior permanent matt green colour (AMS-STD-595 #34094) and interior permanent gloss white colour (AMS-STD-595 #17925) coating systems that provide the corrosion, the camouflage, the infra-red and CARC properties required for the protection of the vehicles/equipment and for the protection of the soldier.

A5.2 Applicable Documents and Product NSNs

A5.2.1 Copies of these documents are available online from the US Department of Defense web site at http://quicksearch.dla.mil/ or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.

Specification	NSN	Description
MIL-DTL-53072	N/A	Detail Specification Chemical Agent Resistant Coating (CARC) System Application Procedures and Quality Control Inspection
DOD-P-15328	8030-00-281-2726	Primer (Wash), Pre-treatment (Formula 117 For Metals) (Metric) (*NSN for 1 US Gal size kit*)
TT-C-490 Type III	8030-00-281-2726	Chemical Conversion Coatings and Pre-treatments for Ferrous Surfaces (Base for Organic Coatings) (*NSN for 1 US Gal size kit*)
AMS-STD-595	N/A	Colors Used in Government Procurement
MIL-DTL-53022 Type IV	8010-01-589-7077	Primer, Epoxy Coating, (Enhanced) Corrosion Inhibiting, Lead and Chromate Free (*NSN for 1.25 US Gal size kit*)
MIL-DTL-53022 Type V	8010-01-610-7329	Primer, Epoxy Coating, (Enhanced) Corrosion Inhibiting, Lead and Chromate Free (*NSN for 6X250 ml aerosol can kits*)
MIL-PRF-32348 Type I Class I with a maximum of 45 Gloss Units at 60°	8010-01-592-0167 8010-01-620-2690	Primer, Powder Coating, Corrosion Inhibiting (*NSN for 50 pound bag, colour #26622 or #27875 with a maximum Gloss level of 45 Gloss Units as determined by ASTM D523 at a 60° geometry*)
ASTM D 523	N/A	Standard Test Method for Specular Gloss
MIL-PRF-24667 Type I, II or IV, Composition G	8010-01-397-3806	Coating System, Non-Skid, for Roll, Spray or Self-Adhering Application (*NSN for 5 US Gal kit*)
MIL-DTL-64159 Type II	8010-01-493-3169 8010-01-493-3170 8010-01-493-3177 8010-01-493-3179	Coating, Water Dispersible Aliphatic Polyurethane, Chemical Agent Resistant (*NSNs are for 0.75 and 3 US Gal size colour green #34094 and tan #33446*)
MIL-DTL-64159 Type III	8010-01-596-7862 8010-01-596-7859 8010-01-596-7855	Coating, Water Dispersible Aliphatic Polyurethane, Chemical Agent Resistant (*NSNs are for 30 mL kit colour green #34094, for 30 mL kit colour tan #33446 and for 30 mL kit colour black #37030 respectively*)
MIL-PRF-22750 Type II Class H Grade B	8010-01-419-1164	Performance Specification, Coating, Epoxy, High Solids, Interior Use Only (*NSN is for 1 US Gal kit colour white #17925*)
MIL-PRF-32348 Type II Class I	8010-01-605-5413	Primer Powder Coating with no finish coating for interior use only, Chemical Agent Resistant (*50 pound bag, colour white #17925*)

MIL-PRF-32348 Type III Class I	-	Powder Coating Camouflage Chemical Agent Resistant Finish (*50 pound bag, colour green #34094*)
MIL-PRF-32348 Type III Class I	-	Powder Coating Camouflage Chemical Agent Resistant Finish (*50 pound bag, colour tan #33446*)
MIL-PRF-32348 Type IV Class I	8010-01-610-2410	Powder Topcoat, Ammunition Container Chemical Agent Resistant Coating (*NSN for 50 pound bag, colour green #34079*)
MIL-PRF-32348 Type IV Class I	8010-01-610-2413	Powder Topcoat, Ammunition Container Chemical Agent Resistant Coating (*NSN for 50 pound bag, colour Tan #33446*)
TSP	7930-20-A0H-0013	Tri-Sodium Phosphate (*1 pound container*)
Acetone	6810-21-878-4860	Acetone Technical (*1 Liter container*)

A5.3 **Requirements**

A5.3.1 A CARC system must be applied on the interior and exterior surfaces of the Canadian Army operational vehicles/equipment in conformance with the following descriptions.

A5.3.2 **Cleaning**

A5.3.2.1 All parts must be cleaned immediately before surface preparation. Prior to surface preparation, all surfaces must be freed of corrosion or soil contaminants such as grease, oil, welding flux, scale, dirt, adhesives or other foreign matter that may interfere with surface preparation, treatment or coating. For this purpose use a hot alkaline cleaning by immersion, spray or vapour process or appropriate organic solvent(s) as per MIL-DTL-53072 (latest edition).

A5.3.2.2 Precautions must be taken to ensure that surfaces remain clean and dry until they are pre-treated, primed and top coated.

A5.3.3 **Surface Preparation**

A5.3.3.1 Heavy metal parts must be processed by abrasive grit blast to a white metal SSPC-SP-5 surface finish to impart a profile of 38 to 50 microns (1.5 to 2 mils). Lighter delicate metal parts that cannot withstand aggressive grit blasting without warping must be processed in accordance with paragraph A5.3.3.2. For non-metallic parts surface preparation, perform a uniform scuffing of the surface with a 180 grit abrasive media. Dust-off surfaces.

A5.3.3.2 For delicate metal parts surface preparation, perform an abrasive grit blast cleaning to a white metal SSPC-SP-5 surface finish imparting to the substrate a profile of 13 microns. Dust-off surfaces.

A5.3.4 **Surface pre-treatment**

A5.3.4.1 Metal parts and non-metallic parts surfaces prepared as per paragraph A5.3.3.1 above do not require pre-treatment.

A5.3.4.2 Delicate metal part surfaces prepared as per paragraph A5.3.3.2 above must receive an organic pre-treatment (wash primer) coating meeting the requirements of specification TT-C-490 type III (DOD-P-15328) (latest edition).

A5.3.5 **Primer**

A5.3.5.1 A liquid primer coating meeting the requirements of specification MIL-DTL-53022 Type IV (latest edition), Epoxy Coating, Enhanced Corrosion Protection or a powder primer coating, Corrosion Inhibiting meeting the requirements of specification MIL-PRF-32348 Type I Class I (latest edition) with a maximum Gloss level of 45 Gloss Units as determined by ASTM D523 at a 60° geometry must be applied to all surfaces that need to be coated. These primers must be applied to a dry film thickness (DFT) as recommended by the manufacturer technical data sheet or specifically for MIL-DTL-53022 Type IV (latest edition) when applied direct to metal (i.e. w/o pre-treatment), a DFT of 50 to 63 microns must be achieved when measuring the DFT of the primers over the highest peaks of the profile. For interior surfaces see also para A5.3.7.2.2.

A5.3.5.2 WARNING: Powder primer coatings requiring a cure temperature above 180°C must not be used on composite materials or parts pre-treated with TT-C-490 Type III.

A5.3.6 **Non-Skid Surface**

A5.3.6.1 Apply, as per manufacturer's instructions a non-skid coating meeting the requirements of specification MIL-PRF-24667 Type I, II, or IV, Composition G, (latest edition) colour #36076 (dark grey) in accordance with AMS-STD-595 (latest edition) to surface areas intended as walk-on surfaces.

A5.3.6.2 WARNING: Products qualified to MIL-PRF-24667 Type I, II, or IV, Composition G are applied in a relatively thick coat and contain solvents that will negatively affect the adhesion of the primer MIL-DTL-53022 Type IV if applied too soon i.e. before the primer "Dry Hard" condition has been reached. Therefore, the non-skid product must be applied no sooner than the dry hard condition of the primer and its dry hard condition must be reached within a period of time that will allow for the application of the topcoat within 24 hours of the application of the primer.

A5.3.7 **Topcoat**

A5.3.7.1 Exterior Surfaces

A5.3.7.1.1 A liquid polyurethane topcoat meeting the requirements of specification MIL-DTL-64159 Type II (latest edition) or a finish powder coating meeting the requirements of MIL-PRF-32348 Type III Class I, colour #34094 (flat green) as per AMS-STD-595 (latest edition) must be applied to exterior surfaces including exterior walk-on surface areas having non-skid coating.

A5.3.7.1.2 WARNING: Powder coatings requiring a cure temperature above 180°C must not be applied over composite materials, MIL-PRF-24667 Type I, II, or IV, Composition G non-skid or MIL-DTL-53022 Type IV epoxy based coatings.

A5.3.7.2 Interior Surfaces

A5.3.7.2.1 An epoxy topcoat meeting the requirements of specification MIL-PRF-22750 Type II, Class H, Grade B (latest edition), colour #17925 (gloss white) as per AMS-STD-595 (latest edition) must be applied to interior surfaces including walk-on surface areas with non-skid coating.

A5.3.7.2.2 Powder primers that do not require a finish coating and meeting the requirements of MIL-PRF-32348 Type II Class I (latest edition), colour #17925 (gloss white) as per AMS-STD-595 (latest edition) intended for direct to metal in a single application can also be used on interior surfaces.

A5.3.7.2.3 WARNING: Powder primer coatings requiring a cure temperature above 180°C must not be applied over composites or MIL-PRF-24667 Type I, II, or IV, Composition G non-skid epoxy based coatings.

A5.3.7.3 Interior surfaces of parts that could be directly exposed to chemical agents such as hatches, ramps and doors must be coated as per paragraph A5.3.7.1 above.

A5.3.7.4 WARNING: The topcoats must not be applied before the “Dry Hard” condition of the non-skid material has been reached and must be applied within 24 hours after the application of the primer. There must be no walking on non-skid surfaces for a period of 7 days to allow full cure of the coating system.

A5.3.8 **Marking and Touch-Up**

A5.3.8.1 Marking

A5.3.8.1.1 Markings identifying the vehicle/equipment information, the flag, numbering and lettering must be performed with a touch-up coating kit meeting MIL-DTL-64159 Type III (latest edition) and AMS-STD-595 (latest edition) colour #37030 (flat black). Markings must be applied directly over the CARC system topcoat following its cleaning, if required, with a 2% weight TSP in potable water solution followed by a potable water rinse and then an acetone wipe & dry.

A5.3.8.2 Touch-Up

A5.3.8.2.1 For defects or damages to the CARC system that expose the substrate it is required to clean the area to be reworked; for this purpose use a 2% weight TSP in potable water solution followed by a potable water rinse and then an acetone wipe & dry. For metallic components it is then required to remove rust or corroded metal by sanding using an 80 grit paper or a mechanically driven steel brush (if a steel brush is used it will be required to clean again the surface as described above). For composite materials, hand-scuff using a 180 grit paper. Remove sanding dust with a clean dry paint brush and apply a coat of primer meeting the requirements of specification MIL-DTL-53022 Type V (latest edition); feather-in with the existing primer. Touch-up of the topcoat must be performed (at the dry-to-touch condition of the touch-up primer) with a touch-up coating kit meeting MIL-DTL-64159 Type III (latest edition) and AMS-STD-595 (latest edition) colour #34094 (flat green); feather-in with the existing topcoat.

A5.3.8.2.2 For defects or damages to the CARC system that expose the primer it is required to clean the area to be reworked; for this purpose use a 2% weight TSP in potable water solution followed by a potable water rinse and then an acetone wipe & dry. Hand-scuff the primer and surrounding topcoat using a 180 grit scuffing paper. Touch-up of the topcoat must be performed with a touch-up coating kit meeting MIL-DTL-64159 Type III (latest edition) and AMS-STD-595 (latest edition) colour #34094 (flat green); feather-in with the existing topcoat.

A5.3.9 **Selection of Materials, Mixing and Application**

A5.3.9.1 Materials used must be selected from the applicable qualified products list (QPL/QPD) and must be mixed and applied as per the manufacturers' Technical Data Sheet (except for MIL-DTL-53022 Type IV (latest edition) DFT when applied direct to metal (see para A5.3.5.1). The brand name and QPL/QPD number of the materials used must be reported to the Technical Authority/Project Configuration Manager for CAF configuration, health, and safety purposes after acceptance of First Article Test Report.

A5.3.10 **Special Measures for Equipment Manufacturers / Painting Contractors**

A5.3.10.1 In any instance where the CARC system specified herein interferes with the design features of specific components that are key to the operation of the equipment, it is the manufacturer's responsibility to identify and propose a suitable alternative coating system having high chemical agent resistance and corrosion protection properties. The brand name of the approved alternative coating system materials must be reported to the TA.

A5.3.10.2 Deviations from CARC products and application processes identified herein as well as deviations from the product manufacturer Technical Data Sheet must be reported to the TA for their evaluation and approval.

BASIS OF PAYMENT

FOR THE

WATER TANK TRAILER

NOTICE

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

AVIS

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

Basis of Payment

MANDATORY COMPLETION OF EACH PRICE "BOX". IF THERE IS NO COST PLEASE INSERT "0" or Nil.

Item #	Item Description	Qty	Unit price	Total price
1	Water Tank Trailer (para. 1.1)	210		
2	Project Management Plan (para. 3.2.1)	1		
3	Kick-off Meeting (para. 3.3.2) Meeting Agenda (para. 3.3.6.1.1) Meeting Minutes (para. 3.3.6.1.2)	1		
4	Top Level Assembly Drawings (para. 3.3.2.2)	1		
5	ILS Meetings (para 3.3.3) Meeting Agenda (para. 3.3.6.1.1) Meeting Minutes (para. 3.3.6.1.2)	1		
6	Critical Design Review Meeting (para. 3.3.4) Meeting Agenda (para. 3.3.6.1.1) Meeting Minutes (para. 3.3.6.1.2)	1		
7	First Article Acceptance Plan (para. 4.1.4)	1		
8	Acceptance Test Reports (para 4.1.6)	1		
9A	Operator Manual (para. 5.3.1.1.1)	1		
9B	Operator Manual Bilingual (para. 5.3.1.1.1)	LOT		
10A	Repair Manual (para. 5.3.1.2.1)	1		
10B	Repair Manual Bilingual (para. 5.3.1.2.1)	LOT		
11	Permissive Repair Schedule and Standard Repair Times (para. 5.3.1.3.1)	1		
12	Illustrated Parts Manual (para. 5.3.1.4.1)	1		
13A	Operator Training Package (para. 5.3.1.5.1)	1		
13B	Operator Training Package Bilingual (para. 5.3.1.5.1)	1		
14	Preservation, Storage and Reactivation Instructions (para. 5.3.1.6.1)	1		
15	Stowage, Shipping and Handling Instructions (para. 5.3.1.7.1)	1		
16	Equipment Data Summary (para. 5.3.1.8.1)	1		

17	Provisioning Parts Breakdown (para. 5.4.3.1.1)	1		
18	Supplementary Provisioning Technical Documentation (para. 5.4.3.2.1)	1		
19	Contract Delivery Status Report – Spares (para. 5.4.3.3.1)	LOT		
20	Contract Delivery Status Report – WTT (para. 5.4.3.4.1)	LOT		
21	Initial Provisioning Conference (para. 5.5) Meeting Agenda (para. 3.3.6.1.1) Meeting Minutes (para. 3.3.6.1.2)	1		
22	Identification Plates (para. 5.6.1)	LOT		
23	Controlled & Non-Controlled Goods List (para. 5.7.1)	1		
24	Identification Labels for Storage and Shipment, and Packaging Codes (para. 5.8.3)	1		
25	Repair & Overhaul Plan (para. 5.9.1)	1		
26	Warranty Support Plan (para. 5.10.1)	1		
			Subtotal	
Please indicate to which lines items GST/HST is applied, if not to all			**GST/HST**	
			Total	
Note:	'LOT' equates to the quantity needed to fulfill the requirements of the CDRL and revisions, until accepted by DND.			

Optional Requirements:

Item #	**Item Description**	**Qty**	**Unit Price**	**Total Price**
27	Water Tank Trailer (para. 1.1) up to 60 additional units, including ILS deliverables that should be included internally.	60		
28	Option to acquire Spare Parts after approval from DND	-	TBD	TBD
29	Option to acquire Special Tool & Testing Equipment after approval from DND.	-	TBD	TBD
30	Potential Additional Work Request	-	TBD	TBD

Options will be exercised within two (2) years after contract award, with delivery to be completed within 18 months after exercising the options.

Note:	**The combined total of items 1 - 27 will be evaluated for the lowest overall price.**

TECHNICAL PROPOSAL REQUIREMENT AND BID EVALUATION

FOR THE

WATER TANK TRAILER

NOTICE

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

AVIS

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

TABLE OF CONTENTS

1.0 General

1.1 Introduction

1.1.1 This document describes the bid evaluation procedure and how it will be used in order to determine the winning bid for the procurement of the Water Tank Trailer (WTT).

1.2 Responding to Evaluation Criteria

1.2.1 For each listed requirement in column 1 (M1 to M10) and described in column 3 of table at para 2.3, the Contractor must provide a clear response in the space provided in column 5 (Contractor's Response/References). In many cases, simply stating that the requirement is met, will not be sufficient, details of how the requirement is met and supporting documents are required. This can be achieved by including the specific reference to indicate where in the proposal the information is found or, based on the length of the response, including the complete response directly in that column.

1.2.2 Contractors must provide the information required for each listed requirement in accordance with the method identified in column 4. Compliance Documentation required column.

1.2.3 The following compliance methods, as indicated in column 4, "Compliance Documentation Required" define the information required of the contractor against each requirement:

1.2.3.1 Compliance Statement (CS) - Where "CS" is identified the Contractor must simply provide a statement which describe in detail how the equipment offered fully complies with the requirement.

1.2.3.2 Supporting Documentation (SD) – Where "SD" is identified, the description of what type of SD is required will be given in column 3. Some examples are:

1.2.3.2.1 Test Report (TR) - Where TR is identified, in order to confirm that the equipment fully complies with the requirement, the contractor must provide a detailed Test Report (including the test procedures, data and results) for tests conducted on the equipment offered,

1.2.3.2.2 Resume (CV) – Where CV is listed, the CV of those responsible to perform the work described in column 3 is required,

1.2.3.3 Any document that is referenced in a compliance statement must be included as part of the bid submission.

2.0 Bid Evaluation

2.1 Bid Selection Methodology

2.1.1 It is Canada's desire to achieve an optimal capability at lowest cost. Therefore, a "Lowest Cost Compliant" approach will be employed for this acquisition process, and selection of the winning proposal will be based on the proposed lowest cost provided that the proposal meets all mandatory requirements.

2.1.2 PSPC who represents the Contracting Authority (CA) will screen the bids for completeness, misplaced financial information and compliance with the general terms and conditions. The technical section of the compliant bids will then be provided to the Bid Evaluation Team for evaluation of technical compliance.

2.1.3 All valid bids will be evaluated against key mandatory requirements, detailed in the table at Para 2.3.

2.2 Technical Evaluation of Compliance

2.2.1 Evaluation of Key Mandatory Requirements

2.2.1.1 The evaluation team will use the Contractor's submitted proposal to determine compliance against key mandatory requirements.

2.2.2 Subject Matter Experts

2.2.2.1 DND may draw from its own experienced operators and/or members of the DND scientific community.

2.2.3 Assessment

2.2.3.1 While DND will not be seeking to verify all specifications, if any mandatory requirement is discovered to be non-compliant during the evaluation process, the bid will be deemed non-compliant and will be removed from the bidding process.

2.2.3.2 Results of compliance and Non-compliance will be provided through PSPC.

2.2.3.3 Only technically compliant proposals will undergo financial evaluation in order to determine the winning proposal by the Contracting Authority.

2.2.4 For the purpose of this solicitation, a "Team Member" or "Bidder's Team" is the entity whose experience is being used to meet the evaluation criteria of this bid.

2.2.4.1 Where a Bidder cites the experience of a Team Member, Canada will only consider this experience if the experience is accessible to the Bidder and the Bidder can rely upon and use the experience in the performance of any resulting Contract. The Bidder is required to demonstrate this accessibility through the certification that teaming agreement(s) are in place at the time of bid closure.

2.2.4.2 Experience listed without providing any supporting data to describe where, how and by whom such experience was obtained, or failure to demonstrate that the Bidder has a teaming agreement with the Team Member whose experience satisfies the requirement(s) may result in that experience not being considered for evaluation purposes.

2.3 Evaluation of Key Mandatory Requirements

1.	**2. Key Requirement Criteria with References as applicable**	**3. Requirement Description**	**4. Compliance Documentation Required: CS – Compliance Statement SD – supporting documents**	**5. Contractor's Response - References**	**For Bid Evaluation Team only)**	
					"C"	**"NC"**
M1	SOW, Para 3.1.1	The Bidder must hold the internationally recognized Quality Management System (QMS) standard, ISO 9001 Supporting Documentation: A copy of the ISO 9001 Quality Management certification	CS and SD			
M2	SOW, Para 3.3.2.2.	Bidder must submit conceptual drawings, and specification sheets for their proposed WTT. Supporting Documentation: The drawings and specification sheets must illustrate and detail all components and subcomponents listed in the WTT SOW.	CS and SD			

1.	2. Key Requirement Criteria with References as applicable	3. Requirement Description	4. Compliance Documentation Required: CS – Compliance Statement SD – supporting documents	5. Contractor's Response - References	For Bid Evaluation Team only)	
					"C"	"NC"
M3	SOW, Para A1.1.1.2	The manufacturer of the WTT must be able to demonstrate compliance with all applicable Canadian Motor Vehicle Safety Standards (CMVSS) as defined in the Canada Motor Vehicle Safety Regulations (MVSR), Schedule III and also either be a Canadian vehicle manufacturer registered with Transport Canada as a company authorized to affix the National Safety Mark to their vehicle production, or. if a non-Canadian foreign company, then must be registered as a recognized foreign vehicle manufacture of CMVSS compliant trailers in Transport Canada's Appendix G Pre-Clearance program. Supporting Documentation: • Proof of authorization to affix the National Safety Mark to their vehicle production, or • Proof of registration as a recognized foreign vehicle manufacture of CMVSS compliant trailers in Transport Canada's Appendix G Pre-Clearance program. • For MVSR see: https://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/, and for Transport Canada's Appendix G Pre-Clearance program see https://www.tc.gc.ca/en/services/road/importing-vehicle/pre-clearing-vehicle-commercial-importer.html#appendix-g	CS and SD			
		C - 6 / 10				

1.	**2. Key Requirement Criteria with References as applicable**	**3. Requirement Description**	**4. Compliance Documentation Required: CS – Compliance Statement SD – supporting documents**	**5. Contractor's Response - References**	**For Bid Evaluation Team only)**	
					"C"	**"NC"**
M4	Proven Capability	The bidder must possess a minimum of 10 years of experience (120 months accumulated) in designing and producing fleets of heavy trailers. A minimum of two (2) such fleets is required, ten (10) or more per fleet, and being of three (3) ton GTW or more. Supporting Documentation: Details of such fleets: • Project Start/Completion dates, • Pictures/designs, • Size/weight, • Number of units including contact info of purchasers are required.	CS and SD			
M5	Proven Capability	The manufacturer's existing facilities must be of sufficient size and capacity (Shop, Manufacturing, and Storage Areas) to produce a minimum of (10) WTT per month IAW delivery schedule. Supporting Documentation: • Photos and drawings, • Production and Delivery schedule.	CS and SD			

1.	**2. Key Requirement Criteria with References as applicable**	**3. Requirement Description**	**4. Compliance Documentation Required: CS – Compliance Statement SD – supporting documents**	**5. Contractor's Response - References**	**For Bid Evaluation Team only)**	
					"C"	**"NC"**
M6	Contract Project Management	The Bidder must demonstrate it has a qualified Project Manager with a minimum of 10 years of experience (120 months accumulated). Experiences listed must demonstrate the managing of projects with similar dollar value and complexity. Similar projects are defined as having a value greater than $20 million, a minimum of 20 units, a cascading delivery schedule of multiple units per months over at least two months and a design based on a customer-defined set of specifications. Supporting Documentation: Curriculum vitae (CV) listing: • Diplomas, • Project Management qualifications, • Certifications including PMP, and • Project Start/Completion dates of these above stated projects	CS and SD			

1.	**2. Key Requirement Criteria with References as applicable**	**3. Requirement Description**	**4. Compliance Documentation Required: CS – Compliance Statement SD – supporting documents**	**5. Contractor's Response - References**	**For Bid Evaluation Team only)**	
					"C"	**"NC"**
M7	Technical Project Management	The Bidder must demonstrate it has a qualified Head Engineer with a minimum of 10 years of experience. (120 months accumulated). Experiences listed must demonstrate the managing of projects with similar dollar value and complexity. Similar projects are defined as having a value greater than $20 million, a minimum of 20 units, a cascading delivery schedule of multiple units per months over at least two months and a design based on a customer-defined set of specifications. Supporting Documentation: Curriculum vitae (CV) listing: • Diplomas, • Project Management qualifications, • Certifications including PMP, and P Eng, and • Project Start/Completion dates of these above stated projects	CS and SD			
M8	SOW Para A1.2.3.3.1	The Air Braking System for the WTT must be compliant with Transport Canada's Technical Standards Document 121. Supporting Documentation: Test Report showing compliancy of system designed for the WTT.	CS and SD			
M9	SOW Para A1.2.3.5.1	The Trailer Lighting System must be compliant with STANAG 2601 ED.3. Supporting Documentation: Drawings and specifications of components confirming compliancy of system designed for the WTT.	CS and SD			

1.	**2. Key Requirement Criteria with References as applicable**	**3. Requirement Description**	**4. Compliance Documentation Required: CS – Compliance Statement SD – supporting documents**	**5. Contractor's Response - References**	**For Bid Evaluation Team only)**	
					"C"	**"NC"**
M10	Sow Para A1.2.2	The Water Heating System for the WTT must be of a proven design. A system (minimum of 10 units) of similar requirements must already be in production. That system must be able to meet the requirements of Para A1.2.2.8. Supporting Documentation: • Specification sheet showing power/fuel requirements, • Output heat and power usage of existing currently employed system that meets this requirement or extrapolation of data from existing system to show compliance.	CS and SD			

ANNEX "D" to PART 5 OF THE BID SOLICITATION

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)

DELIVERY SCHEDULE

FOR THE

WATER TANK TRAILER

NOTICE

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

AVIS

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

Item #	Item Description	Qty
ILS Document Delivery	ILS document delivery must include the following items, as per Annex B – Basis of Payment Tables, in accordance with CDRL submission dates:	
2	Project Management Plan	1
4	Top Level Assembly Drawings	1
7	First Article Acceptance Plan	1
8	Acceptance Test Reports	1
9B	Operator Manual	LOT
10B	Repair Manual	LOT
11	Permissive Repair Schedule and Standard Repair Times	1
12	Illustrated Parts Manual	1
13B	Operator Training Package	1
14	Preservation, Storage and Reactivation Instructions	1
15	Stowage, Shipping, and Handling Instructions	1
16	Equipment Data Summary	1
17	Provisioning Parts Breakdown	1
18	Supplementary Provisioning Technical Documentation	1
19	Contract Delivery Status Report – Spares	LOT
22	Identification Plates	LOT
23	Controlled & Non-Controlled Goods List	1
24	Identification Labels for Storage, Shipment, Packaging Codes	1
26	Warranty Support Plan	1
First Equipment Delivery	First equipment delivery must only be initiated (will only be accepted) **once all required CDRL deliverables above are provided to, and accepted by, DND**.	
1	Water Tank Trailer	10
Subsequent Equipment Deliveries	The subsequent equipment deliveries must be delivered at the below rate and **for the next 20 consecutive months**.	
1	Water Tank Trailer	10/Month
Final Delivery	Final delivery must be within **three (3) years of contract award date**, and must include the remaining CDRL items. This does not include Option items.	

Delivery location for equipment is 25 CFSD

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

25 CF Supply Depot, 6363 Notre-Dame East, Montreal, QC
Email: 25DAFCTrafficRDV@forces.gc.ca