



**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

Title - Sujet Water Tank Install on Truck Chassis	
Solicitation No. - N° de l'invitation W8476-185810/A	Date 2018-03-06
Client Reference No. - N° de référence du client 6000419886	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-930-74550	
File No. - N° de dossier hp930.W8476-185810	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-04-18	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Dallaire, Yvonne	Buyer Id - Id de l'acheteur hp930
Telephone No. - N° de téléphone (873) 469-3359 ()	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**

Issuing Office - Bureau de distribution

Vehicles & Industrial Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

- 1.1 Security Requirement
- 1.2 Requirement
- 1.3 Comprehensive Land Claims Agreement
- 1.4 Debriefings
- 1.5 Trade Agreements

PART 2 - BIDDER INSTRUCTIONS

- 2.1 Standard Instructions, Clauses and Conditions
- 2.2 Submission of Bids
- 2.3 Enquiries - Bid Solicitation
- 2.4 Applicable Laws
- 2.5 Improvement of Requirement during Solicitation Period

PART 3 - BID PREPARATION INSTRUCTIONS

- 3.1 Bid Preparation Instructions
- 3.2 Government-supplied Material

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

- 4.1 Evaluation Procedures
- 4.2 Basis of Selection

PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

- 5.1 Certifications Required with the Bid
- 5.2 Certifications Precedent to Contract Award and Additional Information

PART 6 - RESULTING CONTRACT CLAUSES

- 6.1 Security Requirement
- 6.2 Requirement
- 6.3 Standard Clauses and Conditions
- 6.4 Term of Contract
- 6.5 Authorities
- 6.6 Payment
- 6.7 Invoicing Instructions
- 6.8 Certifications
- 6.9 Applicable Laws
- 6.10 Priority of Documents
- 6.11 SACC Manual Clauses
- 6.12 Government-supplied Material
- 6.13 Inspection and Acceptance
- 6.14 Preparation for Delivery
- 6.15 Shipping Instructions - Delivery at Destination
- 6.16 Delivery and Unloading
- 6.17 Release Documents - Distribution
- 6.18 Post-Contract Award Meeting/Pre-Production Meeting
- 6.19 Progress Reports
- 6.20 Tools and Loose Equipment
- 6.21 Material
- 6.22 Design Changes
- 6.23 Interchangeability
- 6.24 Packaging
- 6.25 Service at Delivery
- 6.26 Manufacturer's Standard Warranty Period

Attachments

- Annex A - Pricing
- Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck
Chassis
- Annex C - Electronic Payment Instruments

- Appendix 1 - Technical Evaluation Matrix

PART 1 - GENERAL INFORMATION

1.1 Security Requirement

There is no security requirement applicable to this solicitation.

1.2 Requirement

Canada is seeking proposals to procure:

1.2.1 A quantity of four (4) water tanks and delivery systems installed on DND owned 4x4 truck chassis and ancillary items as described in Annex A - Pricing and in accordance with Annex B - Purchase Description for Water Tank and Delivery System On a 4x4 Truck Chassis.

1.2.2 Irrevocable options identified in Annex A - Pricing.

1.2.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

1.2.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex A - Pricing.

1.2.2.3 The options may be exercised within twelve (12) months after contract award.

1.3 Comprehensive Land Claims Agreement

This procurement is subject to the Nunavut Land Claims Agreement.

1.4 Debriefings

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 business days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

1.5 Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA) and the Canadian Free Trade Agreement (CFTA).

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 \(SACC\) Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

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

The 2003 (2017-04-27) Standard Instructions - Goods or Services - Competitive Requirements (2003 Standard Instructions), are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of the 2003 Standard Instructions is amended as follows:

Delete: sixty (60) days

Insert: ninety (90) days

The 2003 Standard Instructions are further amended as follows:

- Section 5, entitled Submission of bids, is amended as follows:
 - Subsection 1 is deleted entirely and replaced with the following: "Canada requires that each bid, at solicitation closing date and time or upon request from the Contracting Authority, for example in the case of epost Connect service, be signed by the Bidder or by an authorized representative of the Bidder. If a bid is submitted by a joint venture, it must be in accordance with the section entitled Joint venture."
 - Subsection 2.d is deleted entirely and replaced with the following: "send its bid only to the specified Bid Receiving Unit of Public Works and Government Services Canada (PWGSC) identified in the bid solicitation, or to the address specified in the bid solicitation, as applicable;"
 - Subsection 2.e is deleted entirely and replaced with the following: "ensure that the Bidder's name, return address and procurement business number, bid solicitation number, and solicitation closing date and time are clearly visible on the bid; and,"
- Section 6, entitled Late bids, is deleted entirely and replaced with the following: "PWGSC will return bids delivered after the stipulated solicitation closing date and time, unless they qualify as a delayed bid as described in the section entitled Delayed bids. For bids submitted using means other than the Canada Post Corporation's epost Connect service, the bid will be returned. For bids submitted

using Canada Post Corporation's epost Connect service, conversations initiated by the Bid Receiving Unit via the epost Connect service that contain access, records and information pertaining to a late bid will be deleted."

- Section 7, entitled Delayed bids, is amended as follows:
 - Subsection 1 is amended to add the following piece of evidence: "d. a CPC epost Connect service date and time record indicated in the epost Connect conversation activity."
- Section 8, entitled Transmission by facsimile, is deleted and replaced by the following:

"Transmission by facsimile or by epost Connect

 1. Facsimile
 - a. Unless specified otherwise in the bid solicitation, bids may be submitted by facsimile. The only acceptable facsimile number for responses to bid solicitations issued by PWGSC headquarters is 819-997-9776 or, if applicable, the facsimile number identified in the bid solicitation.
 - b. For bids transmitted by facsimile, Canada will not be responsible for any failure attributable to the transmission or receipt of the faxed bid including, but not limited to, the following:
 - i. receipt of garbled or incomplete bid;
 - ii. availability or condition of the receiving facsimile equipment;
 - iii. incompatibility between the sending and receiving equipment;
 - iv. delay in transmission or receipt of the bid;
 - v. failure of the Bidder to properly identify the bid;
 - vi. illegibility of the bid; or
 - vii. security of bid data.
 - c. A bid transmitted by facsimile constitutes the formal bid of the Bidder and must be submitted in accordance with the section entitled Submission of bids.
 2. ePost Connect
 - a. Unless specified otherwise in the bid solicitation, bids may be submitted by using the [epost Connect service provided by Canada Post Corporation](https://www.canadapost.ca/web/en/products/details.page?article=epost_connect_send_a) (https://www.canadapost.ca/web/en/products/details.page?article=epost_connect_send_a).
 - b. To submit a bid using epost Connect service, the Bidder must either:
 - i. send directly its bid only to the specified PWGSC Bid Receiving Unit, using its own licensing agreement for epost Connect provided by Canada Post Corporation; or
 - ii. send as early as possible, and in any case, at least six business days prior to the solicitation closing date and time, an email that includes the bid solicitation number to the specified PWGSC Bid Receiving Unit requesting to open an epost Connect conversation.

Requests to open an epost Connect conversation received after that time may not be answered.

- c. If the Bidder is sending an email to the Bid Receiving Unit, the Bid Receiving Unit will then initiate an epost Connect conversation which will allow the Bidder to transmit its bid afterward at any time prior to the solicitation closing date and time. The epost Connect conversation will create an email notification from Canada Post Corporation prompting the Bidder to access the message within the conversation, and the Bidder can reply to the email notification by transmitting its bid.
- d. If the Bidder is using its own licensing agreement to send its bid, the Bidder must keep the epost Connect conversation open until at least 30 business days after solicitation closing date and time.
- e. The email address of PWGSC Bid Receiving Unit in Headquarters is: TPSGC.DGAreceptiondessoumissions-ABBidReceiving.PWGSC@tpsgc-pwgsc.gc.ca. The solicitation number must be identified in the epost Connect message field of all electronic transfers.
- f. It should be noted that the use of epost Connect service requires a Canadian mailing address. Should a bidder not have a Canadian address, they may use the Bid Receiving Unit address specified on page 1 of the solicitation in order to register for the epost Connect service.
- g. For bids transmitted by epost Connect service, Canada will not be responsible for any failure attributable to the transmission or receipt of the bid including, but not limited to, the following:
 - i. receipt of a garbled or incomplete bid;
 - ii. availability or condition of the epost Connect service;
 - iii. incompatibility between the sending and receiving equipment;
 - iv. delay in transmission or receipt of the bid;
 - v. failure of the Bidder to properly identify the bid;
 - vi. illegibility of the bid;
 - vii. security of bid data; or
 - viii. inability to create an electronic conversation through the epost Connect service.
- h. A bid transmitted by epost Connect service constitutes the formal bid of the Bidder and must be submitted in accordance with the section entitled Submission of bids."

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.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted to the Contracting Authority no later than seven (7) 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 questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered 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 Improvement of Requirement during Solicitation Period

Should Bidders consider that the specifications, Statement of Work or Purchase Description contained in the bid solicitation could be improved technically or technologically, Bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular Bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) calendar days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

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 8 of the 2003 Standard Instructions as amended in Part 2 - Bidder Instructions, Article 2.1 Standard Instructions, Clauses and Conditions above. Bidders are required to provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

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

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications
Section IV: Additional Information

If the Bidder is simultaneously providing a hard copy of the bid using another acceptable delivery method, and if there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the soft copy will have priority over the wording of the hard copy.

- 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 (1 hard copy)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)
Section IV: Additional Information (1 hard copy).

Canada requests that Bidders follow the format instructions described below in the preparation of a 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) (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 explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

3.1.1 Substitutes and Alternatives

Bidders may propose substitutes and alternatives where **equivalent** is indicated in the technical requirement description (Purchase Description). Bidders are encouraged to offer or suggest green solutions whenever possible.

1. Substitutes and alternatives that are equivalent in form, fit, function and performance will be considered for acceptance by the Technical Authority where the Bidder:
 - (a) Clearly identifies a substitute and/or an alternative;
 - (b) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
 - (c) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
 - (d) Provides complete specifications and brochures, where applicable;
 - (e) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the technical requirement description; and
 - (f) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute and/or the alternative product's compliance with the technical requirements.
2. Substitutes and alternatives offered as equivalent in form, fit, function and performance will not be considered for acceptance by the Technical Authority if:
 - (a) The bid fails to provide all of the information requested to allow the Technical

Authority to fully evaluate the equivalency; or

- (b) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment as specified in Part 6 and Annex A - Pricing.

3.1.2 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex C - Electronic Payment Instruments to identify which ones are accepted.

If Annex C - Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.3 Exchange Rate Fluctuation Risk Mitigation

1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).

4. At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Bidders must submit the certifications required under Part 5 – Certifications and Additional Information.

Section IV: Additional Information

Canada requests that Bidders submit the following information:

3.1.4 Delivery

Firm Quantity

While delivery of the vehicles/equipment is requested by October 1st, 2018, the best delivery that can be offered is as follows:

Items 001, 002 and 003 – four (4) water tanks and delivery systems installed on DND owned 4x4 truck chassis and ancillary items will be delivered within _____ calendar days from the effective date of the contract. (Number of calendar days to be inserted by the Bidder.)

Optional Quantity

If an option is exercised, the best delivery that can be offered is as follows:

Item 004 – up to four (4) water tanks and delivery systems installed on DND owned 4x4 truck chassis and ancillary items will be delivered within _____ calendar days after an option is exercised. (Number of calendar days to be inserted by the Bidder.)

3.2 Government-supplied Material

Government-supplied material (GSM) must be used in the manufacture of the items detailed in the contract. The Bidder must state in its bid the following GSM information for each item:

- (a) Quantity three (3) 2012 4x4 truck chassis;

Solicitation No. - N° de l'invitation
W8476-185810/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
hp930

Client Ref. No. - N° de réf. du client
W8476

File No. - N° du dossier
W8476-185810

CCC No./N° CCC - FMS No/ N° VME

(b) Quantity one (1) 2008 4x4 truck chassis.

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.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Evaluation Criteria

- a) Bidders must demonstrate their compliance with all technical evaluation criteria detailed in Appendix 1 - Technical Evaluation Matrix, by providing substantial information describing completely and in detail how each requirement is met or addressed. Simply repeating the statement contained in the bid solicitation is not sufficient.
- b) Bidders proposing substitutes and/or alternatives must submit, with their bid, all the information requested as detailed in Part 3, subsection 3.1.1 - Substitutes and Alternatives to be considered for evaluation.

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Evaluation Criteria

- a) Bidders must provide, with their bid, the financial information requested in the bid solicitation and in Annex A - Pricing for items 001, 002 and 003.
- b) The prices of the bid must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, for the firm quantity items 001, 002 and 003 and optional quantity item 004, Canadian dollars for familiarization instructions/training (option) item 005 and item 006, Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

4.1.2.2 Aggregate Evaluated Price

Bids will be evaluated on an aggregate price basis for the firm quantity, the optional quantity and the familiarization instructions/training (option).

- a) To determine the total price for the firm quantity, calculation will be as follows:

The firm unit price for items 001, 002 and 003 will be multiplied by their identified estimated quantities. The results will be added to determine the total price of the firm quantity.

- b) Since the optional quantities are to be exercised by provinces, the firm unit price for the optional quantity will be averaged.

To determine the average price for the optional quantities, calculation will be as follows:

(1) The firm unit price for the optional quantity for each province identified will be added; and

(2) The sum will be divided by five (5).

- c) The firm unit price for the English and French familiarization instructions/training (option) will be averaged.

To determine the average price for the familiarization instructions/training (option), calculation will be as follows:

(1) The firm unit price for the English and French familiarization instructions/training (option) will be added; and

(2) The sum will be divided by two (2).

- d) To determine the aggregate evaluated price for the firm quantity, the optional quantity and the familiarization instructions/training (option), calculation will be as follows:

(1) The average price for the optional quantity obtained in (b) above will be multiplied by the total estimated optional quantity identified;

(2) The average price for the familiarization instructions/training (option) obtained in (c) above will be multiplied by the total estimated optional quantity identified; and

(3) The result will be added to the total price for the firm quantity obtained in (a) above.

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria as indicated in Appendix 1 - Technical Evaluation Matrix to

Solicitation No. - N° de l'invitation
W8476-185810/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
hp930

Client Ref. No. - N° de réf. du client
W8476

File No. - N° du dossier
W8476-185810

CCC No./N° CCC - FMS No/ N° VME

be declared responsive. The responsive bid with the lowest evaluated aggregate 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 2003 Standard Instructions, all Bidders must provide, with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 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 provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

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

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](#)" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) – Labour's](#) 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.

5.2.3 Additional Certifications Precedent to Contract Award

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

5.2.3.1 Product Conformance

The Bidder certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of the purchase description(s).

This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

Bidder's Authorized Representative Signature

Date

5.2.3.2 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

A) The Bidder certifies that the Bidder is registered or meets ISO 14001.

Bidder's Authorized Representative Signature

Date

Or

B) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

The Bidder must indicate which four (4) criteria, as a minimum, are met.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs.	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client.	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification.	
Utilizes environmentally preferable inks and purchases remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers are available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy	

Solicitation No. - N° de l'invitation
W8476-185810/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
hp930

Client Ref. No. - N° de réf. du client
W8476

File No. - N° du dossier
W8476-185810

CCC No./N° CCC - FMS No/ N° VME

efficient certification.	
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Bidder's Authorized Representative Signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

6.1 Security Requirement

There is no security requirement applicable to this Contract.

6.2 Requirement

6.2.1 The Contractor must deliver a quantity of four (4) water tanks and delivery systems installed on DND owned 4x4 truck chassis and ancillary items as described in Annex A - Pricing and in accordance with Annex B - Purchase Description for Water Tank and Delivery System On a 4x4 Truck Chassis.

6.2.2 The Contractor grants to Canada irrevocable options identified in Annex A - Pricing.

6.2.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

6.2.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex A - Pricing.

6.2.2.3 The options may be exercised within twelve (12) months after contract award.

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

6.3.1.1 2010A (2016-04-04) General Conditions - Goods (Medium Complexity) (the 2010A General Conditions) apply to and form part of the contract.

6.3.1.2 Section 09 entitled Warranty of the 2010A General Conditions is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these costs.

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Delivery of Vehicles/Equipment

6.4.1.1 Firm Quantity

Delivery date of the vehicles/equipment must be as follows:

Item 001 – one (1) water tank and delivery system installed on a DND owned 4x4 truck chassis and ancillary items must be delivered on or before _____. (Date to be inserted by the Contracting Authority at time of contract award.)

Item 002 – one (1) water tank and delivery system installed on a DND owned 4x4 truck chassis and ancillary items must be delivered on or before _____. (Date to be inserted by the Contracting Authority at time of contract award.)

Item 003 – two (2) water tanks and delivery systems installed on DND owned 4x4 truck chassis and ancillary items must be delivered on or before _____. (Date to be inserted by the Contracting Authority at time of contract award.)

6.4.1.2 Option Quantity

Item 004 - up to four (4) water tanks and delivery systems installed on DND owned 4x4 truck chassis and ancillary items to be delivered within _____ calendar days after an option is exercised. (Days to be inserted by the Contracting Authority at time of contract award.)

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Yvonne D'Allaire
Title: Intern Officer
Organization: Public Works and Government Services Canada - Acquisitions Branch
LEFT Directorate, HP Division
7A2, Place du Portage, Phase 3, 11 Laurier Street
Gatineau, Quebec, K1A 0S5
Canada
Telephone: 873-469-3359
Facsimile: 819-953-2953
E-mail: yvonne.d'allaire@pwgsc-tpsgc.gc.ca

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

6.5.2 Procurement Authority

The Procurement Authority for the Contract is: (To be inserted by the Contracting Authority at time of contract award.)

Name: _____
Title: _____
Organization: _____

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

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 the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Technical Authority:

The Technical Authority for the Contract is: (To be inserted by the Contracting Authority at time of contract award.)

Name: _____
Title: _____
Organization: _____

Telephone: ____ - ____ - ____
Facsimile: ____ - ____ - ____
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.

6.5.4 Contractor's Representative

Name and contact information of the person responsible for:

General enquiries

Name: _____ (To be completed by the Bidder.)
Title: _____
Telephone: ____ - ____ - ____
Facsimile: ____ - ____ - ____
E-mail: _____

Solicitation No. - N° de l'invitation
W8476-185810/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
hp930

Client Ref. No. - N° de réf. du client
W8476

File No. - N° du dossier
W8476-185810

CCC No./N° CCC - FMS No/ N° VME

Delivery follow-up

Name: _____ (To be completed by the Bidder.)

Title: _____

Telephone: _____ - _____ - _____

Facsimile: _____ - _____ - _____

E-mail: _____

6.5.5 After Sales Service

The following dealer and/or agent is authorized to provide after sales service, maintenance and warranty repairs and a full range of repair parts for the vehicle/equipment offered:

Item 001

Name: _____ (To be completed by the Bidder.)

Address: _____

Telephone: _____

Distance between the delivery location and the dealer and/or agent: _____ km.

Item 002

Name: _____ (To be completed by the Bidder.)

Address: _____

Telephone: _____

Distance between the delivery location and the dealer and/or agent: _____ km.

Item 003

Name: _____ (To be completed by the Bidder.)

Address: _____

Telephone: _____

Distance between the delivery location and the dealer and/or agent: _____ km.

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm prices specified in Annex A - Pricing, and as follows:

6.6.1.1 Basis of Payment Type 1

Firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, applicable Taxes are extra.

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (If the Bidder requests exchange rate adjustment.)

6.6.1.2 Basis of Payment Type 2

Firm unit prices in Canadian dollars, including Canadian Custom Duties and Excise Taxes included where applicable, applicable Taxes are extra.

The price paid will be adjusted in accordance with the exchange rate fluctuation provision (as applicable). (If the Bidder requests exchange rate adjustment.)

6.6.1.3 Basis of Payment Type 3

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the [National Joint Council Travel Directive](http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng) (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

When requested by Canada, the Contractor must provide an estimated cost and relevant information for the travel and living.

The price paid will be adjusted in accordance with the exchange rate fluctuation

provision (as applicable). (If the Bidder requests exchange rate adjustment.)

6.6.2 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only).

(To be adapted by the Contracting Authority at time of contract award if Annex C - Electronic Payment Instruments is completed by the Bidder.)

6.6.3 SACC Manual Clauses

C6000C	Limitation of price	2017-08-17
H1001C	Multiple Payments	2008-05-12
C3015C	Exchange rate fluctuation adjustment	2017-08-17

6.7 Invoicing Instructions

6.7.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the 2010A General Conditions including the Client Ref # W8476. Invoices cannot be submitted until all work identified in the invoice is completed.

Each invoice must be supported by:

- (a) a copy of the release document and any other documents as specified in the Contract.

6.7.2 Invoices must be distributed as follows:

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

National Defence Headquarters
MGen George R. Pearkes Bldg
101 Colonel By Drive
Ottawa, ON

K1A 0K2
Canada

Attention: DLP 5-3-4-1

(b) One (1) copy must be forwarded to the Contracting Authority.

6.7.3 Holdback

A ten percent (10%) holdback will apply on the total price of each installed water tank and delivery system (items 001, 002, 003 and 004) on any due payment of any said installed water tank and delivery system. Release of the holdback (10%) is conditional upon receipt and certified acceptance by DND of the said installed water tank and delivery system and all ancillary items as identified in Annex A - Pricing.

Goods and Services Tax or Harmonized Sales Tax (HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no HST payable as it was claimed and payable under the previous invoice.

(a) The original invoice for the holdback must be forwarded to the Procurement Authority.

(b) One (1) copy must be forwarded to the Contracting Authority.

6.8 Certifications

6.8.1 Compliance

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

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario. (Province to be changed if the Bidder chooses a different province in its bid.)

6.10 Priority of Documents

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

- (a) These Articles of Agreement;
- (b) 2010A (2016-04-04) General Conditions - Goods (Medium Complexity);
- (c) Annex A - Pricing;
- (d) Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis;
- (e) Appendix 1 - Technical Evaluation Matrix;
- (f) the Contractor's bid dated _____.

6.11 SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
A9062C	Canadian Forces Site Regulations	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating: Canadian-based Contractors	2017-08-17
D3010C	Delivery of Dangerous Goods/Hazardous Products	2016-01-28
D5510C	Quality Assurance Authority (Department of National Defence): Canadian-based Contractor	2017-08-17
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (Quality Assurance Code Q)	2010-08-16
D5604C	Release Documents (DND) – Foreign-based Contractor	2008-12-12
D5605C	Release Documents (DND) – US-based Contractor	2010-01-11
D5606C	Release Documents (DND) - Canadian-based Contractor	2017-11-28
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2016-01-28

6.12 Government-supplied Material

Canada will provide to the Contractor the Government-supplied material (GSM) specified in its bid free of charge, including transportation to the following address within Canada:

_____ (To be completed by the Bidder.)

Transportation from Canada point of delivery to a foreign location will be the responsibility of the Contractor.

6.13 Inspection and Acceptance

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

6.14 Preparation for Delivery

- 6.14.1 The vehicle/equipment must be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be clean when the vehicle/equipment is released to DND personnel at the final delivery location.
- 6.14.2 All vehicles/equipment delivered are to be delivered by appointment only between 8:00 a.m. and 4:00 p.m. Monday through Friday, except Federal holidays. Any attempt by the carrier to deliver the vehicles/equipment without an appointment may be refused unless arrangements have been made for authorized, qualified personnel to be available to perform inspections and to accept the delivery. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for any additional costs.
- 6.14.3 The fuel tanks must be at least half full prior to release of the vehicles to DND personnel.

6.15 Shipping Instructions - Delivery at Destination

- 6.15.1 The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (as detailed in Annex A - Pricing). Unless otherwise directed, delivery must be made by the most economical means. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.
- 6.15.2 The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the contacts specified in Annex A - Pricing. The consignee may refuse shipments when prior arrangements have not been made.

6.16 Delivery and Unloading

Delivery trucks must be equipped with an unloading device which will permit unloading at sites with no hydraulic, stationary or other type of unloading facility.

6.17 Release Documents - Distribution

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

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:
National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
Canada
Attention: _____ (To be inserted by the Contracting Authority at time of contract award.)
- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and
- g. For a non-Canadian Contractor, one (1) copy to:
DQA/Contract Administration
National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
Canada
E-mail: ContractAdmin.DQA@forces.gc.ca.

6.18 Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) calendar days from the effective date of the Contract, the Contractor must contact the Contracting Authority to determine if a post-contract award meeting is

required. A meeting will be convened at the discretion of the Technical Authority after contract award to review technical and contractual requirements. The Contractor shall be responsible for the preparation and distribution of the minutes of meeting within five (5) calendar days after the meeting has been held. The meeting will be held at the Contractor's facilities or at the Department of National Defence facility or via teleconference, at Canada's discretion at no additional cost to Canada, with representatives of the Contractor, the Department of National Defence and Public Works and Government Services Canada.

6.19 Progress Reports

The Contractor must submit monthly progress reports, in electronic format, on the progress of the Work, to the Technical Authority, the Procurement Authority and the Contracting Authority.

Each progress report must address if the Work is on schedule, and if there are circumstances beyond the Contractor's control which may impact the delivery schedule.

6.20 Tools and Loose Equipment

For shipment verification, all items and tools, which are shipped loose with the vehicles/equipment must be listed on the Inspection Certificate (CF 1280) or on an attached packing note.

6.21 Material

Material supplied must be new, unused and of current production by manufacturer.

6.22 Design Changes

The "Design Change, Design Deviation and Waiver Procedure" as defined in National Defence Standard D-02-006-008/SG-0001 must apply.

6.23 Interchangeability

Unless changes during the production run are authorized by the Contracting Authority, all vehicles/equipment supplied against any one item of a Contract must be the same make and model, and all like assemblies, sub-assemblies and parts must be interchangeable.

6.24 Packaging

The methods used for preservation and packaging must be in conformity with the Contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment as below deck cargo.

6.25 Service at Delivery

The Contractor must send a Service Representative to each delivery destination to perform the assembly/preparation on all vehicles/equipment delivered. Cost to provide this service must be included in the price of each vehicle/equipment.

6.26 Manufacturer's Standard Warranty Period

Canada requests that the Contractor provides details of the vehicles/equipment and their components for the manufacturer's standard warranty period that exceeds the minimum warranty period of twelve (12) months. Any additional manufacturer's standard warranty such as those derived from the Original Equipment Manufacturer (OEM) for component/sub-assemblies will form part of the Contract.

ANNEX A - PRICING

Item 001 Water tank and delivery system installed on a DND owned 4x4 truck chassis (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the sample manuals, all approved manuals in paper format and electronic format, data summary, photographs, warranty letter(s), recommended spare parts list, special tools list and familiarization training in accordance with the attached Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis.

The vehicle/equipment and ancillary items must be delivered to:

CFB Winnipeg DET Dundurn
Major Equipment Section
Dundurn Detachment
Camp Dundurn SK
Dundurn, SK S0K 1K0
Canada

Delivery contact: _____ (Name to be inserted by the Contracting Authority at time of contract award.)

Date of delivery: _____ (Date to be inserted by the Contracting Authority at time of contract award.)

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: 1

Item 002 Water tank and delivery system installed on a DND owned 4x4 truck chassis (Firm Quantity)

The Contractor must deliver the vehicle/equipment including the sample manuals, all approved manuals in paper format and electronic format, data summary, photographs, warranty letter(s), recommended spare parts list, special tools list and familiarization training in accordance with the attached Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis.

The vehicle/equipment and ancillary items must be delivered to:

8 WG Trenton
Major Equipment Station
8 Wing Supply Trenton
46 Portage Dr, BLDG 162
Trenton, ON K0K 3W0
Canada

Delivery contact: _____ (Name to be inserted by the Contracting Authority at time of contract award.)

Date of delivery: _____ (Date to be inserted by the Contracting Authority at time of contract award.)

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: 1

Item 003 Water tank and delivery system installed on a DND owned 4x4 truck chassis (Firm Quantity)

The Contractor must deliver the vehicles/equipment including the sample manuals, all approved manuals in paper format and electronic format, data summaries, photographs, warranty letters, recommended spare parts list, special tools list and familiarization training in accordance with the attached Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis.

The vehicles/equipment and ancillary items must be delivered to:

4 Wing Cold Lake
Major Equipment Section
4 Wing Cold Lake SUP FLT BLDG 171
Cold Lake, AB T9M 2C6
Canada

Delivery contact: _____ (Name to be inserted by the Contracting Authority at time of contract award.)

Date of delivery: _____ (Date to be inserted by the Contracting Authority at time of contract award.)

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: 2

Item 004 Water tank and delivery system installed on a DND owned 4x4 truck chassis (Optional Quantity)

If this option is exercised, the Contractor must deliver the vehicles/equipment including the sample manuals, all approved manuals in paper format and electronic format, data summaries, photographs, warranty letters, recommended spare parts lists and special tools lists in accordance with the attached Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis.

For Destinations in British Columbia:

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

For Destinations in Alberta and Saskatchewan:

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

For Destinations in Manitoba:

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

For Destinations in Ontario and Quebec:

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

For Destinations in New Brunswick and Nova Scotia:

Firm unit price of \$ _____ per installed water tank and delivery system, including all equipment and ancillary items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: up to 4

Item 005 Familiarization Instructions/Training - English (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis.

Firm unit price of \$ _____ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: up to 4

Item 006 Familiarization Instructions/Training - French (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex B - Purchase Description for Water Tank and Delivery System On a 4X4 Truck Chassis.

Firm unit price of \$ _____ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: up to 4

Item 007 Travel and Living for Familiarization Instruction/Training (Option)

(Item 007 will not be included in the financial evaluation.)

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit. When requested by Canada, the Contractor must provide an estimated cost for the travel and living.

Estimated cost: \$ _____ (To be inserted by the Contracting Authority if an option is exercised.) per familiarization instruction/training, for travel and living expenses, Delivered Duty Paid at destination, in accordance with Basis of Payment Type 3 (as detailed at Clause 6.6.1 Basis of Payment).

Quantity: up to 4

Item 008 Extended Warranty Period (Option)

(Item 008 will not be included in the financial evaluation.)

Canada requests that the Bidder indicates if an optional extended warranty period is being offered that exceeds the minimum warranty period of twelve (12) months. If yes, Canada requests that the Bidder provides details and pricing information of any optional extended warranty period available for the vehicles/equipment and their components.

ANNEX C - ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only).



ANNEX B

PURCHASE DESCRIPTION

FOR

Water Tank and Delivery System

On a 4X4 Truck Chassis



NOTICE

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées.

BPR DAPVS 5 – DSVPM 5

Publiée avec l'autorisation du chef d'état-major de la Défense

Issued on Authority of the Chief of the Defence Staff

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Canada 

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Table of Contents

1.	SCOPE	6
1.1	Scope	6
1.2	Instructions	6
1.3	Definitions	6
1.4	Government Supplied Materiel (GSM)	7
2.	APPLICABLE DOCUMENTS	7
2.1	Government Furnished Document	7
2.2	Applicable Documents	7
3.	REQUIREMENTS	8
3.1	Standard Design	8
3.2	Operating Conditions	8
3.2.1	Terrain	8
3.3	Safety Standards	8
3.3.1	Vehicle Safety Regulations	8
3.3.2	Human Factors Engineering	9
3.4	Vehicle Ratings and Dimensions	9
3.4.1	Weight Ratings	9
3.4.2	Dimensions	9
3.4.3	Structural Integrity	9
3.5	Equipment	9
3.5.1	Water Tank	9
3.5.2	Access Hatch	10
3.5.3	Tank Filling	10
3.5.4	Venting	10
3.6	Pumping System	10
3.6.1	Pump Drive / Engine	11
3.6.2	Engine Instruments	11
3.7	Non-Potable Water Delivery System	11
3.7.1	Delivery Hose	11
3.7.2	Reel	11
3.7.3	Nozzle	11
3.8	Other Hoses	11
3.8.1	Suction Hoses	11
3.8.2	Drain Hose	12
3.8.3	Hydrant Hose	12
3.9	Spray Bar	12

3.10	Discharge Nozzles	12
3.11	Ladder	12
3.12	Cabinets	13
3.12.1	Stowage Cabinet	13
3.12.2	Pumping Cabinet	13
3.13	Accessories	13
3.14	Hydraulic System	13
3.15	Lubricants and Fluids	13
3.16	Lighting	14
3.17	Controls	14
3.18	Paint	14
3.19	Warning, Markings and Instruction Plates	14
4.	INTEGRATED LOGISTIC SUPPORT	15
4.1	Vehicle Manuals	15
4.1.1	Operator's Manuals	15
4.1.2	Parts Manual(s)	15
4.1.3	Maintenance Manuals	15
4.1.4	Manual Delivery to Technical Authority	15
4.1.5	Manual Delivery with Vehicle	16
4.1.6	Electronic Format	16
4.1.7	Provisional Manuals	16
4.1.8	Manual Supplements	16
4.1.9	Translation and Reproduction Rights	16
4.1.10	Changes to Manuals	16
4.2	Warranty Letter	16
4.2.1	Warranty Letter Delivery	17
4.3	Other ILS Deliverables to Technical Authority	17
4.3.1	Data Summary	17
4.3.2	Photographs	17
4.3.3	Special Tools List	17
4.3.4	Recommended Spare Parts List (RSPL)	17
4.4	Safety Recalls and Servicing Data	18
4.5	Familiarization Training	18

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1. SCOPE

1.1 Scope

- a) There is a requirement to install a 7,000 litres water tank and delivery system on DND owned quantity three 2012 4x4 truck chassis and quantity one 2008 4x4 truck chassis respectively. The trucks will be used to conduct direct delivery of non-potable water to out buildings, dust control and road maintenance.

1.2 Instructions

- a) Requirements, which are identified by the word "**must**", are mandatory. Deviations will not be permitted.
- b) Requirements identified with a "will" define actions to be performed by Canada and require no action/obligation on the Contractor's part.
- c) Where "**must**" or "will" are not used, the information supplied is for guidance only.
- d) In this document "provided" **must** mean "provided and installed".
- e) Where a technical certification is referred to in this specification, a copy of the certification or an acceptable Proof of Compliance **must** be supplied for the vehicle when requested by the Technical Authority.
- f) Metric measurements are used to define the requirement. Other measurements are for reference only and may not be exact conversions.
- g) Nominal dimensions reflect a method by which materials or products are generally identified, but which differ from the actual measured dimensions.

1.3 Definitions

- a) "**Technical Authority**" - The government official responsible for technical content of this requirement.
- b) "**Equivalent**" - Substitutes and alternatives that are equivalent in product, performance or a standard will be considered for acceptance by the Technical Authority where Proof of Compliance for equivalency for the respective requirement is provided for evaluation.
- c) "**Vehicle**" – The entire vehicle including all systems and sub-systems, in a complete manufactured state in accordance with the requirements in this Purchase Description.
- d) "**Road Legal**" – Applies to a self-propelled vehicle designed for or capable of transporting persons, property, material or permanently or temporarily affixed apparatus on a highway.
- e) "**5th percentile adult female**" – As defined in the *Motor Vehicle Safety Regulations (C.R.C., c. 1038)* a person having as physical characteristics a mass of 46.3 kg, height of 1499 mm, erect sitting height of 785 mm, normal sitting height of 752 mm, hip sitting breadth of 325 mm, hip sitting circumference of 925 mm, waist sitting circumference of 599 mm, chest depth of 191 mm, bust circumference of 775 mm, chest upper circumference of 757 mm, chest lower circumference of 676 mm, knee height of 455 mm, popliteal height of 356 mm, elbow rest height of 180 mm, thigh clearance height of 104 mm, buttock-to-knee length of 518 mm, buttock-to-poples length of 432 mm, elbow-to-elbow breadth of 312 mm and seat breadth of 312 mm.

- f) **“95th percentile adult male”** – As defined in the *Motor Vehicle Safety Regulations (C.R.C., c. 1038)* a person having as physical characteristics a mass of 97.5 kg, height of 1849 mm, erect sitting height of 965 mm, normal sitting height of 930 mm, hip sitting breadth of 419 mm, hip sitting circumference of 1199 mm, waist sitting circumference of 1080 mm, chest depth of 267 mm, chest circumference of 1130 mm, knee height of 594 mm, popliteal height of 490 mm, elbow rest height of 295 mm, thigh clearance height of 175 mm, buttock-to-knee length of 640 mm, buttock-to-poples length of 549 mm, elbow-to-elbow breadth of 506 mm and seat breadth of 404 mm.
- g) **“Gross Axle Weight Rating (GAWR)”** - The value specified by the vehicle manufacturer as the load-carrying capacity of a single axle system, as measured at the tire-ground interfaces.
- h) **“Gross Vehicle Weight Rating (GVWR)”** - The value specified by the vehicle manufacturer as the loaded weight of a single vehicle.

1.4 Government Supplied Materiel (GSM)

- a) Quantity three (3) 2012 4x4 truck chassis
- b) Quantity one (1) 2008 4x4 truck chassis
- c) DND will be responsible to move the Government Supplied Materiel at the contractor's facility.

2. APPLICABLE DOCUMENTS

2.1 Government Furnished Document

- a) 2012 4x4 truck chassis line setting ticket
- b) 2008 4x4 truck chassis line setting ticket

2.2 Applicable Documents

- a) The following documents form part of this Purchase Description. The dates of issue are those in effect on the date of release of the RFP. Canada will not be supplying these documents. Sources are as shown:

Canadian Occupational Health and Safety Regulations (COHSR), 2015

<http://laws.justice.gc.ca/eng/regulations/sor-86-304/index.html>

<https://www.scc.ca/en>

Motor Vehicle Safety Regulations (MVSR)

Government of Canada / Transport Canada

<https://www.tc.gc.ca/eng/acts-regulations/regulations-crc-c1038.htm>

Hazardous Products Act

Government of Canada

<http://laws-lois.justice.gc.ca/eng/acts/H-3/>

CAN/CSA B126.0-13 - General requirements and methods of testing for water cisterns

CAN/CSA B126.5-13 - Mobile water cisterns

5060 Spectrum Way, Suite 100

Mississauga, Ontario, L4W 5N6

<http://www.csagroup.org>

3. REQUIREMENTS

3.1 Standard Design

- a) **Latest Model** - The components provided **must** be the manufacturer's latest model.
- b) **Industry Acceptability** - The water delivery system **must** have demonstrated industry acceptability by having been manufactured and sold commercially for at least 2 year, or be manufactured by a company that has at least 5 years' experience in design and manufacturing of a comparable type of equipment of equivalent or greater complexity.
- c) **Engineering Certification** - Original manufacturers engineering certification **must** be provided upon request for major drive train components, and major equipment systems and assemblies, to demonstrate that assemblies are used within their design limitations.
- d) **Regulations** – The vehicle **must** conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture. International equivalent laws, regulations, and industrial standards will be accepted only if certified for equivalency by a professional engineer.
- e) **Published Ratings** - The vehicle **must** have system and component capacities equivalent to published ratings (i.e. product or component brochures).
- f) **Standard Components** - The vehicle **must** include all standard components, equipment and accessories for the model offered, although they may not be specifically described in this Purchase Description.
- g) **Spare Parts** - The manufacturer **must** select components readily available for a minimum period of ten (10) years from the date of manufacture.
- h) **Hazardous Materials** - The contractor **must** comply with Hazardous Products Act of Canada concerning the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals used in the manufacture and assembly of the product supplied.

3.2 Operating Conditions

3.2.1 Terrain

- a) The vehicle **must** be capable of being operated on highways, secondary roads and gravel roads.

3.3 Safety Standards

3.3.1 Vehicle Safety Regulations

- a) The vehicle **must** comply with the Motor Vehicle Safety Regulations (MVSR).
- b) The completed vehicle **must** have Safety Compliance Certification Label with a National Safety Mark (NSM), as a seal of compliance.

3.3.2 Human Factors Engineering

- a) The vehicle, all systems, and components **must** comply with the relevant sections of the COHSR.
- b) The vehicle **must** be manufactured/assembled for safety and ease of use by CAF users with anthropometric characteristic measurements ranging from 95th percentile male to 5th percentile female.
- c) The vehicle **must** have entry and exit points equipped with handles and steps sized and positioned to accommodate CAF users with anthropometric characteristic measurements ranging from 95th percentile male to 5th percentile female.
- d) The vehicle **must** be equipped, with warning and instruction plates, non-slip walking surfaces and heat shields, for operator safety.

3.4 Vehicle Ratings and Dimensions

3.4.1 Weight Ratings

- a) The GVWR of the vehicle **must** not be less than the sum of the unloaded vehicle mass, the cargo carrying capacity, and the product obtained by multiplying the designated seating capacity by 68kg as defined in the *Motor Vehicle Safety Regulations (C.R.C., c. 1038)*.
- b) Each GAWR **must** be equal to or less than the load rating of the weakest component in the axle system, i.e., axle housing, suspension, wheels, or tires.
- c) The total load on each axle of the vehicle **must** not exceed the GAWR for that axle.
- d) Axle loads **must** comply with all the provincial weight restrictions across Canada.

3.4.2 Dimensions

- a) The vehicle **must** have road legal dimensions across Canada.

3.4.3 Structural Integrity

- a) Securing of the water tank to the vehicle chassis **must** be designed to withstand static loading in accordance with CSA B126.5 standard.

3.5 Equipment

- a) The water tank and delivery system **must** comply with CSA B126 series standard.

3.5.1 Water Tank

- a) The water tank **must** be mounted on the specified chassis provided by DND (refers to section 1.1).
- b) The water tank **must** have a minimum capacity of 7,000 litres.
- c) The water tank **must** be constructed of type 304 stainless steel alloys.
- d) The water tank **must** be designed to minimize surge under normal transport conditions.
- e) A 63.5 mm (2.5") inlet **must** be provided with a valve and an adapter to accommodate the delivery hose as specified in Section 3.7.1 a)

- f) All inlets and outlets **must** be sloped to a drain that allows complete drainage of the tank.
- g) The drain outlet **must** be 50.8 mm (2 in) diameter with a manually operated waste tank drain valve.
- h) The drain valve control **must** be easily accessible to the operator at ground level, and be protected to prevent accidental opening.
- i) The water tank **must** be equipped with a tank volume indicator.

3.5.2 **Access Hatch**

- a) The water tank **must** be designed with access hatch(s) for inspection and cleaning.
- b) The access hatch **must** be no less than 600 mm (24" in) diameter to allow for human access.
- c) The access hatch **must** be located on the top of the water tank at the rear.
- d) The access hatch **must** be closable with overlapping covers.
- e) The access hatch **must** be provided with security locks and elevated off the tank shell to prevent surface wash from entering the water tank.

3.5.3 **Tank Filling**

- a) The tank filling system **must** include a vented filler cap of at least 50.8 mm (2 inches) inside diameter to prevent backflow from occurring.
- b) The tank filling system **must** include one 76.2 mm (3") suction inlet with a valve and an adapter to accommodate the suction hoses specified in Section 3.8.1.
- c) The tank filling system **must** include one 63.5 mm (2.5 inch) tank fill inlet, for pressure filling from hydrants, with Storz coupling to accommodate the hose specified in Section 3.8.3.
- d) Each filling line **must** be provided with a manual shut-off valve located as close to the tank as practicable.

3.5.4 **Venting**

- a) The water tank **must** be vented to allow air to enter or escape during filling an emptying.

3.6 **Pumping System**

- a) A self-priming pump **must** be provided.
- b) The pump **must** be able to deliver water at a minimum rate of 600 litres per minute.
- c) The pump **must** be able to draw water from a pond, creek or any other open-source.
- d) The pump **must** be able to operate up to four discharge nozzles at the same time.
- e) The pump **must** be able to operate the spray bar.
- f) The nozzles and spray bar **must** be controllable and adjustable within the cab.

- g) The system **must** be equipped with drain valves, designed to allow the complete draining of the pump and all water carrying lines and accessories.

3.6.1 **Pump Drive / Engine**

- a) The engine **must** be diesel powered.
- b) The engine **must** be provided with an electrical starting system.

3.6.2 **Engine Instruments**

- a) An hour-meter with numeric display, which accurately records accumulated engine running time up to at least 9,999 hours **must** be provided.
- b) An engine tachometer **must** be provided.
- c) An engine coolant temperature indicator **must** be provided.
- d) An engine oil pressure indicator **must** be provided.
- e) A temperature control which will automatically shut-down the engine at the manufacturer's recommended setting **must** be provided.
- f) A fuel level indicator **must** be provided.

3.7 **Non-Potable Water Delivery System**

3.7.1 **Delivery Hose**

- a) A water delivery hose with an inside diameter of 63.5 mm (2.5") and a minimum length of 9.14 m (30') **must** be provided and installed on the reel with all required fittings.

3.7.2 **Reel**

- a) The reel **must** be electric operated, have a manual hand crank, and be equipped with a brake and locking device.
- b) If the crank is removable, it **must** have a storage provision near the reel.

3.7.3 **Nozzle**

- a) A nozzle with all required fittings **must** be provided.
- b) The nozzle **must** be NSN 4210-20-004-2127 or **equivalent**.

3.8 **Other Hoses**

3.8.1 **Suction Hoses**

- a) Two suction hoses with an inside diameter of 76.2 mm (3") and a length of 3.05 m (10') **must** be provided.
- b) The hoses **must** be a Dixon PVC Flexible Suction Hose part number FSH-9682-020 or **equivalent**.
- c) Both suction hoses **must** be interconnected with all required fittings and a strainer.

- d) Storage tubes constructed of aluminium **must** be mounted on the side of the truck to stow the suction hoses.
- e) The storage tubes **must** include closures that prevent the ingress of water and debris.

3.8.2 Drain Hose

- a) A 9.14 m (30') drain hose **must** be provided compatible with the sewage tank drain valve in Section 3.5.1 g)
- b) The drain hose **must** have on-board storage.

3.8.3 Hydrant Hose

- a) A hose with an inside diameter of 63.5 mm (2.5") and a minimum length of 9.14 m (30') **must** be provide with all required fittings.
- b) The hose **must** have on-board storage.

3.9 Spray Bar

- a) A remote control spray bar **must** be provided.
- b) The spray bar **must** be pressurized and located horizontally at the rear of the vehicle.
- c) The spray bar **must** have a minimum linear coverage of 2.44 m (8 ft).
- d) The spray bar **must** be controlled and the flow rate adjustable within the cab.
- e) The pump pressure and flow **must** be adjustable and a pressure indicator must be provided at the operator control panel.s

3.10 Discharge Nozzles

- a) Four remote control adjustable nozzles **must** be provided.
- b) Two nozzles **must** be provided at the front of the vehicle and two at the rear.
- c) The nozzles **must** spray water for a minimum range of 0.91 m (3') up to 15.24 m (50 ft).
- d) Each nozzle **must** be controlled within the cab.

3.11 Ladder

- a) A ladder **must** be provided to access hatch(s) on top of the product tank.
- b) The ladder **must** be made of aluminum.
- c) The rungs **must** be "Grip Strut" or **equivalent**, and be at least 50 mm (2") deep by 350 mm (14") wide.

3.12 Cabinets

- a) The vehicle **must** be equipped with weatherproof cabinets.
- b) All cabinets **must** have a sloping solid floor with a drain and be lined with removable open grid elastomeric matting.
- c) Elastomeric seals **must** be used to prevent the ingress of dust, debris, and water.
- d) The door handles **must** be recessed positive locking type.
- e) The doors **must** include a padlocking provision.
- f) The door(s) **must** not come into contact with the body of the cabinet. If required, the door(s) **must** have bump stops.
- g) The door(s) **must** be able to stay open when the cabinet is being used.
- h) A weather drip trough **must** be located above the opening.

3.12.1 Stowage Cabinet

- a) Two stowage cabinets **must** be provided.
- b) The minimum dimensions of the cabinets **must** be 60.96 cm x121.92 cm x91.44 cm (2'x4'x3') with a tolerance of 15.24 cm (6") on each axis.
- c) The cabinets **must** be equipped with tie downs and equipment holders to secure loose items.

3.12.2 Pumping Cabinet

- a) The pumping cabinet **must** enclose hose reels, pumping control panel, and related equipment with sufficient room around the equipment for ease of maintenance and operation.

3.13 Accessories

- a) A front licence plate holder **must** be provided.
- a) A rear licence plate holder with LED light **must** be provided.

3.14 Hydraulic System

If a hydraulic system is required, the system must include the following:

- a) A hydraulic oil cooler;
- b) Hydraulic filter change indicators;
- c) Hydraulic hoses grouped together and clearly identified; and
- d) Test ports clearly marked.

3.15 Lubricants and Fluids

- a) All lubricants and fluids provided **must** meet the operating conditions specified in Paragraph 3.2.1.

3.16 Lighting

- a) The vehicle **must** be equipped with LED lights wherever possible.
- b) Lights **must** be recessed or otherwise protected from damage with all components accessible for servicing.
- c) The vehicle **must** be equipped with one amber coloured beacon light.
- d) At least two adjustable work lights **must** be provided.
- e) Automatic strip lighting **must** be provided in all cabinets.
- f) All controls for the lights **must** be located in the cab.

3.17 Controls

- a) Each control **must** be permanently marked to identify the function, in both English and French or international symbols as defined by SAE J1362.
- b) Controls **must** not restrict the operator's field of view.
- c) Control panel lights **must** be provided for adequate lighting for nighttime operations.

3.18 Paint

- a) All metal surfaces **must** be protected.
- b) The colour of the tank **must** be in accordance with CSA B126.5 requirement.
- c) The prime coating **must** be a high durability, corrosion resistant type, such as an epoxy.
- d) The chassis and attachments **must** be painted black from the back of the cab to the back end.
- e) The cabinets and accessories **must** be painted colour code 2810 E-One Red or equivalent.

3.19 Warning, Markings and Instruction Plates

- a) All identification, instructional, and warning labels **must** be bilingual or International symbols defined in SAE J1362.
- b) All identification, instructional, and warning labels **must** be within view of the operator.
- c) All gauges and controls **must** be permanently labelled.
- d) The water tank **must** have a data plate that conforms to Clause 10 of CSA B126.0 standard.
- e) The water tank **must** have a permanent warning that advises against entry into the tank and includes the word "DANGER".
- f) The warning **must** be located on the access hatch.

4. INTEGRATED LOGISTIC SUPPORT

4.1 Vehicle Manuals– All manuals required for the description, operation, maintenance and repair of the water tank and delivery system, including sub-systems, **must** be provided.

4.1.1 Operator's Manuals

- a) The operator's manuals **must** be bilingual (English/French).
- b) The operator's manuals **must** include instructions for the safe operation of the vehicle.
- c) The operator's manuals **must** include daily operator maintenance instructions/checks (including lubrication).
- d) The operator's manuals **must** include safety warnings.
- e) The operator's manuals **must** include hand signals (as necessary).

4.1.2 Parts Manual(s)

- a) The parts manual(s) **must** be in English (bilingual is desirable).
- b) The parts manual **must** have illustrations showing all components of the vehicle including equipment and accessories from other manufacturers that are supplied to meet the requirements of the contract, with numbers for the itemization of the parts.
- c) The parts manual **must** have a listing for all itemized parts showing the Original Equipment Manufacturers (OEM) part number, the part name and a brief description of the item.
- d) The parts manual **must** cross reference the OEM part number to the correct illustration and item number.
- e) The parts manual **must** have a representation of bilingual warning signs and identification labels delivered on the equipment.

4.1.3 Maintenance Manuals

- a) The maintenance manual **must** be bilingual (English/French).
- b) The maintenance manual **must** include a trouble shooting guide, showing the steps and tests required to determine the exact cause of a problem and an explanation of the steps required to correct a problem.
- c) The maintenance manual **must** include a listing of the necessary tolerances, torque levels, fluid volume, and special tools (including item part numbers).
- d) The maintenance manual **must** include information on the order of disassembly and assembly of the systems and components of the vehicle.
- e) The maintenance manual **must** include special tools list as per 4.3.3.

4.1.4 Manual Delivery to Technical Authority

- a) Sample manuals **must** be submitted to the Technical Authority (TA) prior to the delivery of the vehicle for each model and or sub-system for approval. Sample manuals will not be returned. TA will provide approval or comments on the manuals within 30 days.

- b) One (1) complete set of approved manuals (Operator's, Maintenance, and Parts) in electronic format **must** be delivered to the Technical Authority.

4.1.5 **Manual Delivery with Vehicle**

- a) One (1) complete set of manuals (Operator's, Maintenance, and Parts) **must** accompany each vehicle, shipped to each location.
- b) The manuals **must** be in paper and electronic format.

4.1.6 **Electronic Format**

- a) Approved copies of the electronic format manuals **must** be delivered on CD/DVD-ROM.
- b) CD/DVD-ROM **must not** require installation, password and/or Internet connection to be accessed and be an unlocked PDF in a searchable format.

4.1.7 **Provisional Manuals**

- a) In the event that approved manuals are not available at the time of delivery of the equipment, manuals marked "Provisional" **must** be supplied with the equipment.
- b) The contractor **must** deliver replacement approved manuals to all destinations where Provisional manuals were delivered.

4.1.8 **Manual Supplements**

- a) The contractor **must** supply manual supplements (Operator's, Maintenance and Parts) to support dealer-installed equipment not covered in the Vehicle Manuals.
- b) Manual supplements **must** be delivered in accordance with 4.1.4 and 4.1.5.

4.1.9 **Translation and Reproduction Rights**

- a) The Canadian Government **must** reserve the right to translate and reproduce, for Government use only, all or any part of the publications supplied, including the training packages delivered against the contract agreement.

4.1.10 **Changes to Manuals**

- a) During the period of the contract, changes to equipment, which affect the contents of manuals, **must** be reflected in the revision of the electronic and paper version of the manuals.
- b) Changes to the manuals **must** conform to the same format and presentation requirements as the original manuals.
- c) The revised electronic version of the manual **must** be sent to the Technical Authority by the Contractor.

4.2 **Warranty Letter**

- a) The warranty letter **must** include a list of all Canadian designated warranty service providers that will honour the warranty for the equipment and attachments (if applicable) procured under this contract, including the contact person and phone number at each warranty service provider.

- b) The warranty letter **must** include additional warranty coverage of sub-systems and a copy of the warranty letter from each sub-system's Original Equipment Manufacturer (OEM).
- c) The warranty letter **must** include warranty period as negotiated in the contract.
- d) The warranty letter **must** include Contractor contact information, name and phone number, for warranty support.

4.2.1 **Warranty Letter Delivery**

- a) The Contractor **must** provide a bilingual warranty letter to the Technical Authority and with each vehicle. If the Technical Authority requires the letter to be in DND format, then they will provide the Contractor a template for the DND acceptable format of the warranty letter.

4.3 **Other ILS Deliverables to Technical Authority**

4.3.1 **Data Summary**

- a) The Contractor **must** provide a bilingual Data Summary for each make/model/configuration of vehicle by completing Technical Authority's template with data and vehicle pictures as defined in section 4.3.2.

4.3.2 **Photographs**

- a) The Contractor **must** provide photographs in colour, taken against a plain background, and in digital JPEG format with a minimum 10 megapixel resolution.
- b) One left front three-quarter view of a completed unit **must** be provided.
- c) One right rear three-quarter view of a completed unit **must** be provided.

4.3.3 **Special Tools List** - The Contractor **must** provide an itemized list of specific special tools required for the servicing and repair of the vehicle and include:

- a) Item name;
- b) Contractor's part number;
- c) Manufacturer's part number (OEM);
- d) Quantity recommended per delivery location;
- e) Unit price; and
- f) Unit of issue.

4.3.4 **Recommended Spare Parts List (RSPL)** - The Contractor **must** provide a list detailing the spare parts deemed necessary to maintain the vehicle for a period of 12 months exclusive of any warranty period, and include:

- a) Item name;
- b) Contractor's part number;
- c) Manufacturer's part number (OEM);

- d) Manufacturer's NATO Supply code (NCAGE) or name and address;
- e) NSN (NATO Stock Number) (if known);
- f) Quantity per equipment;
- g) Quantity recommended;
- h) Unit price; and
- i) Unit of issue.

4.4 Safety Recalls and Servicing Data

- a) Safety recalls, and manufacturer's technical service bulletins, or equivalent **must** be provided to the technical authority and the final delivery locations on a continuing basis, throughout the life expectancy of the vehicle or for no less than 10 years.

4.5 Familiarization Training

- a) The Contractor **must** perform at least 1-day (8 hours) familiarization instruction at each destination, for a maximum of 8 personnel (at each destination).
- b) The instruction **must** include the detailed operation and normal servicing of the vehicle/equipment and will be attended by CAF operators and maintainers.
- c) Familiarization instructions **must** be available in both official languages for destinations in the province of Quebec or as requested by the Technical Authority.
- d) The final dates **must** be arranged with the Technical Authority.
- e) After completion of the familiarization session, the Contractor **must** have a "**PROOF OF FAMILIARIZATION INSTRUCTION**" certificate signed by the consignee. The Technical Authority will supply this document in an electronic format, when requested.

Appendix 1

Technical Evaluation Matrix

Title:

Water Tank and Delivery System on a 4x4 Truck Chassis

Date:

04/10/2017

Technical Evaluation Matrix
Water Tank and Delivery System on a 4x4 Truck Chassis

Bidder Information

Bidder Name: _____
 Proposal Date: _____
 Proposed Make and Model: _____

Technical Mandatory Criteria		
PD Reference	PD Requirement	Location in Bid Proposal
3.4.1 c)	<u>Weight Ratings</u> c) The total load on each axle of the vehicle must not exceed the GAWR for that axle	
3.5.1 b)	<u>Water Tank</u> b) The water tank must have a minimum capacity of 7,000 litres.	
3.5.1 c)	<u>Water Tank</u> c) The water tank must be constructed of type 304 stainless steel alloys.	
3.5.1 d)	<u>Water Tank</u> d) The water tank must be designed to minimize surge under normal transport conditions.	
3.6 a)	<u>Pumping System</u> a) A self-priming pump must be provided.	
3.6.b)	<u>Pumping System</u> b) The pump must be able to deliver water at a minimum rate of 600 litres per minute.	

3.6.1 a)	<p><u>Pump Drive / Engine</u> a) The engine must be diesel powered</p>	
3.9	<p><u>Spray Bar</u> a) A remote control spray bar must be provided.</p>	
3.9	<p><u>Spray Bar</u> c) The spray bar must have a minimum linear coverage of 2.44 m (8 ft).</p>	
3.10	<p><u>Discharge Nozzles</u> c) The nozzles must spray water for a minimum range of 0.91 m (3') up to 15.24 m (50 ft).</p>	

Proposed Equivalents		
PD Reference	PD Requirement	Location in Bid Proposal