



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

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

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

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

Title - Sujet Rough Terrain Cranes	
Solicitation No. - N° de l'invitation W8476-185882/A	Date 2018-06-08
Client Reference No. - N° de référence du client 6000430246	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-927-74958	
File No. - N° de dossier hp927.W8476-185882	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-07-23	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Takam(hp927), Maurice	Buyer Id - Id de l'acheteur hp927
Telephone No. - N° de téléphone (873) 469-3324 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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



Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
W8476	DEPARTMENT OF NATIONAL DEFENCE 17 WG Greenwood Major Eqpmt Sctn 17 Wing Winnipeg Bldg 129 Logistics Bldg, Door 13 Winnipeg MB R3J3Y5 Canada	W8476	DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. OTTAWA Ontario K1A0K2 Canada
W8476	DEPARTMENT OF NATIONAL DEFENCE 19 WG COMOX Major Equipment Section Logistics Bldg, Door 13 COMOX BC V0R2K0 Canada	W8476	DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. OTTAWA Ontario K1A0K2 Canada
W8476	DEPARTMENT OF NATIONAL DEFENCE 14 WG Greenwood Major Eqpmt Sctn 14 Wing CFB Greenwood Greenwood NS B0P1N0 Canada	W8476	DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. OTTAWA Ontario K1A0K2 Canada



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	Rough Terrain Crane	W8476	W8476	1	Each	\$	\$	See Herein	
2	Rough Terrain Crane	W8476	W8476	1	Each	\$	\$	See Herein	
3	Rough Terrain Crane	W8476	W8476	1	Each	\$	\$	See Herein	

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION

- 1.1 Introduction
- 1.2 Summary
- 1.3 Trade Agreements
- 1.4 Debriefing

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 - Bid
- 2.5 Improvement of Requirement during Solicitation Period

PART 3 - BID PREPARATION INSTRUCTIONS

- 3.1 Bid Preparation Instructions

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 - Contract
- 6.3 Standard Clauses and Conditions
- 6.4 Term of Contract
- 6.5 Authorities
- 6.6 Payment
- 6.7 Invoicing
- 6.8 Certifications
- 6.9 Applicable Laws - Contract
- 6.10 Priority of Documents
- 6.11 SACC Manual Clauses
- 6.12 Inspection and Acceptance
- 6.13 Preparation for Delivery
- 6.14 Shipping Instructions - Delivery at Destination
- 6.15 Delivery and Unloading
- 6.16 Post-Contract Award Meeting
- 6.17 Tools and Loose Equipment
- 6.18 Assembly/Preparation at Delivery
- 6.19 Interchangeability

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

Attachments

Annex A - Pricing

Annex B - Electronic Payment Instruments

Annex C - Federal Contractors Program for Employment Equity - Certification

Purchase Description

Technical Information Questionnaire

PART 1 - GENERAL INFORMATION

1.1 Introduction

The bid solicitation and resulting contract document is divided into six (6) parts plus annexes as follows:

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

The attachments include the Annex A - Pricing, Annex B - Electronic Payment Instruments, Annex C - Federal Contractors Program for Employment Equity - Certification, the purchase description, and the technical information questionnaire.

1.2 Summary

The Department of National Defence has a requirement to purchase three (3) Rough Terrain Cranes and ancillary items, in accordance with the Purchase Description - Rough Terrain Crane - dated 2018-02-20, and as described at Annex A - Pricing.

The requirement includes an option to purchase up to three (3) Rough Terrain Cranes and ancillary items to be exercised within twelve (12) months from the effective date of the contract.

1.3 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).

1.4 Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](#) issued by Public Works and Government Services Canada (PWGSC).

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

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

Subsection 05.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

The 2003 standard instructions is 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 07, 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. The facsimile number for responses to bid solicitations issued by PWGSC regional offices is 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 in writing 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 questions 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 - Bid

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

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

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

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

Section I: Technical Bid (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Section IV: Additional Information (1 hard copy)

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

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

- (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](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and 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.

Bidders should submit, with their bid, the completed Technical Information Questionnaire.

3.1.1 Substitutes and Alternatives

Bidders may propose substitutes and alternatives where **equivalent** is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work).

- 1. Substitutes and alternatives that are equivalent in form, fit, function, quality 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 compliance with the technical requirements.
2. Substitutes and alternatives offered as equivalent in form, fit, function quality 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.
3. Bidders are encouraged to offer or suggest green products whenever possible.

Section II: Financial Bid

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

Bidders should complete Annex A and submit it with their bid.

3.1.2 Electronic Payment of Invoices – Bid

The Bidder must complete Annex B - Electronic Payment Instruments to identify which electronic payment instruments they are willing to accept.



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

If Annex B - 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 SACC Manual Clauses

3.1.3.1 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.

Section IV: Additional Information

Canada requests that bidders submit the following information:

3.1.4 Best Delivery Date – Bid

3.1.4.1 Firm Quantity

While delivery of the equipment/vehicle is requested by December 31, 2018, the best delivery that could be offered is as follows:

Item 001 – One (1) Rough Terrain Crane and ancillary items will be delivered within _____ weeks/calendar days from the effective date of the contract.

Item 002 – One (1) Rough Terrain Crane and ancillary items will be delivered within _____ weeks/calendar days from the effective date of the contract.

Item 003 – One (1) Rough Terrain Crane and ancillary items will be delivered within _____ weeks/calendar days from the effective date of the contract.

3.1.4.2 Optional Quantity

The best delivery that could be offered is as follows:

Item 004 - If an option is exercised, up to Three (3) Rough Terrain Cranes and ancillary items will be delivered within _____ weeks/calendar days.

3.1.5 Supplier Contacts

Canada requests that Bidders provide the Contractor's Representative contact information in Part 6.

3.1.6 After Sales Service

Canada requests that the Bidder provide in Part 6 the names, addresses and telephone numbers of their dealers and/or agents authorized to provide after sales service, maintenance and warranty repairs, and a full range of repair parts for the vehicle/equipment offered. The Bidder should show the distance between the delivery location and the authorized dealer and/or agent and the delivery location, which should not be more than 100 kilometres.

3.1.7 Manufacturer's Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component 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 proposed contract.

3.1.8 Extended Warranty Period

Canada requests that the Bidder indicate if an extended warranty period is being offered that exceeds the minimum warranty period of twelve (12) months.

If yes, Canada requests that the Bidder provide details and pricing information of any extended warranty period available for the vehicle/equipment and any ancillary items.

Any extended warranty period offered will not be included in the financial evaluation.

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 and a contracted resource from Valcom Ltd will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

- (a) Bidders must demonstrate their compliance with all technical evaluation criteria detailed in the Technical Information Questionnaire, 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 detailed in Part 3, Section 1 - Substitutes and Alternatives to be considered for evaluation.

4.1.2 Financial Evaluation

Bidders must provide with their bid all financial information requested in the bid solicitation, at Annex A – Pricing, and in accordance with the Basis of Payment specified in Part 6.

4.1.2.1 Mandatory Financial Criteria for Firm Quantity

The prices of the bid must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

4.1.2.2 Mandatory Financial Criteria for Optional Quantity

The prices of the bid must be in Canadian dollars, DDP Delivered Duty Paid at destination (shipping cost extra), Incoterms 2000, Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

The shipping cost will not be included in the financial evaluation.

4.1.3 Evaluated Aggregate Price

Bids will be evaluated on an aggregate price basis for the firm quantity, the optional quantity and training option as follows:

- a) the firm lot prices for the firm quantity will be multiplied by their identified quantities to obtain the evaluated price of the firm quantity;
- b) the firm lot prices for the optional quantity will be multiplied by the identified estimated quantity to obtain the evaluated price of the optional quantity;

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

- c) the firm unit prices for the training option will be multiplied by the identified estimated quantity to obtain the evaluated price of the training option;
- d) the sum of all evaluated prices will determine the evaluated aggregate price.

4.2 Basis of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to 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. Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the 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 procurement agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4>).

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

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

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

5.2.3 Additional Certifications Precedent to Contract Award

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 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	

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

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 purchase 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 available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

Bidder's authorized representative signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirement

There is no security requirement applicable to the Contract.

6.2 Requirement - Contract

The Contractor must deliver three (3) Rough Terrain Cranes and ancillary items, including familiarization, training, in accordance with the Purchase Description Rough Terrain Crane, dated 2018-02-20, and at Annex A - Pricing.

An option is included to purchase up to three (3) vehicles and ancillary items to be exercised within twelve (12) months from the effective date of the contract.

6.2.1 Technical Changes, Substitutes and Alternatives

Any technical changes, substitutes and alternatives proposed by the Contractor must be evaluated for acceptance by the Technical Authority. Any substitutes and alternatives must be equivalent in form, fit, function, quality and performance to what is being replaced and must be at no additional cost to Canada. Substitutes and alternatives that are offered as equivalent will only be acceptable once they are approved by the Technical Authority as an equivalent. A contract amendment or a completed Design Change/Deviation form will be issued.

Should the Technical Authority not accept the substitute or the alternative and the Contractor is unable to meet the technical requirement, Canada may terminate the contract for default in accordance with the general conditions stated in the contract.

6.2.2 Optional Goods and/or Services

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

The option may be exercised at the discretion of Canada in whole or in part or in more than one occasion, up to the maximum quantity identified herein.

The Contracting Authority may exercise the option within twelve (12) months after contract award by sending a written notice to the Contractor.

The Contractor must advise the Technical Authority and Contracting Authority of any design updates that could affect the procurement of additional vehicles/equipment.

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 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

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

Section 09 entitled Warranty of General Conditions 2010A is amended as follows:

At subsection 1, delete the following: "The warranty period will be twelve (12) months" and replace with the following: "The warranty period will be twelve (12) months, or 2,000 hours of usage, whichever comes first".

Delete subsection 2 in its entirety and replace 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 Date

Delivery of the vehicle/equipment must be made as follows:

Firm Quantity

Item 001 – One (1) Rough Terrain Crane and ancillary items must be delivered within to be inserted by PWGSC weeks/calendar days from the effective date of the contract.

Item 002 – One (1) Rough Terrain Crane and ancillary items must be delivered within to be inserted by PWGSC weeks/calendar days from the effective date of the contract.

Item 003 – One (1) Rough Terrain Crane and ancillary items must be delivered within to be inserted by PWGSC weeks/calendar days from the effective date of the contract.

Optional Quantity

Item 004 - If the option is exercised, up to three (3) Tons Rough Terrain Cranes and ancillary items must be delivered within to be inserted by PWGSC weeks/calendar days after an option is exercised.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Maurice Takam
Supply Officer
Public Services and Procurement Canada
Acquisitions Branch
LEFTD - HP Division
Place du Portage, Phase III, 7A2
Gatineau, Quebec K1A 0S5
Telephone: 873-469-3324
E-mail address: Maurice.takam@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 PSPC

DLP

National Defence Headquarters
Mgen. George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone:
Facsimile:
E-mail address:

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

6.5.3 Technical Authority

The Technical Authority for the Contract is:

To be inserted by PSPC

National Defence Headquarters
Mgen. George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone:

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

Facsimile:

E-mail address:

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

6.5.4 Contractor's Representative

General enquiries

Name: _____

Telephone No.: _____

Facsimile No.: _____

E-mail address: _____

Delivery follow-up

Name: _____

Telephone No.: _____

Facsimile No.: _____

E-mail address: _____

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:

14 WG GREENWOOD

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

Name: _____

Address: _____

Telephone No.: _____

17 WG WINNIPEG

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

Name: _____

Address: _____

Telephone No.: _____

19 WG COMOX

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

Name: _____

Address: _____

Telephone No.: _____

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 as follows:

6.6.1.1 Basis of Payment Type 1

Firm lot prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra, as specified in Annex A - Pricing.

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

6.6.1.2 Basis of Payment Type 2

Firm lot prices in Canadian dollars, Delivered Duty Paid at destination (shipping cost extra in accordance with Basis of Payment Type 3), Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra, as specified in Annex A - Pricing.

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

6.6.1.3 Basis of Payment Type 3

The Contractor will be reimbursed the actual shipping cost from the Contractor's Canadian facility or the Contractor's Canadian distribution point to the final destination without any allowance for profit and/or administrative overhead, in Canadian dollars and Applicable Taxes extra.

6.6.1.4 Basis of Payment Type 4

Training Option

Firm unit prices in Canadian dollars, including Canadian Custom Duties where applicable, and Applicable Taxes are extra, as specified in Annex A - Pricing.

Travel and Living Expenses

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the [National Joint Council Travel Directive](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.

6.6.2 Electronic Payment of Invoices

The Contractor accepts to be paid using 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);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.6.3 SACC Manual Clauses

SACC Reference	Title	Date
C6000C	Limitation of Price	2011-05-16
H1001C	Multiple Payments	2008-05-12
C3015C	Exchange Rate Fluctuation Adjustment	2017-08-17

6.7 Invoicing

6.7.1 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions.
2. Invoices cannot be submitted before delivery, inspection and acceptance of the vehicle/equipment/service.
3. The Applicable Taxes must be calculated on the total amount of the invoice before the holdback is applied. At the time the holdback is claimed, there will be no taxes payable as they were claimed and payable under the previous invoice for the vehicle/equipment/service.
4. Upon delivery, inspection and acceptance of all ancillary items related to such vehicle/equipment/service the Contractor can submit an invoice for the release of the holdback.
5. Each invoice must be supported by:
 - (a) a copy of the invoices, receipts, vouchers for all direct expenses, and all travel and living expenses;
6. The Contractor is requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Procurement Authority, thereby reducing printed material.

7. Invoices must be distributed as follows:

- (a) The original must be forwarded or emailed to the Procurement Authority identified under the section entitled "Authorities" of the Contract for acceptance and payment.
- (b) One (1) copy must be forwarded or emailed to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.7.2 Holdback

- 1. Canada will apply a ten (10) percent holdback on any due payment for the vehicle/equipment/service (Items 001, 002) until delivery, inspection and acceptance of all ancillary items related to such vehicle/equipment/service.
- 2. Subsequent to delivery, inspection and acceptance of all ancillary items related to such vehicle/equipment/service the Contractor must submit an invoice for the release of the Holdback in accordance with "Invoicing Instructions" found in this contract.

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

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

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

6.9 Applicable Laws - Contract

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

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) the Articles of Agreement;
- (b) the 2010A (2016-04-04) General Conditions - Medium Complexity - Goods;

- (c) Annex A - Pricing;
(d) Purchase Description for Rough Terrain Crane, dated 2018-02-20;
(e) Annex C - Federal Contractors program for employment equity - Certification
(f) The Contractor's bid dated (to be inserted by PWGSC) _____.

6.11 SACC Manual Clauses

SACC Reference	Title	Date
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 Contractors	2011-11-27
D3010C	Dangerous Goods/Hazardous Products	2016-01-28
D5510C	Quality Assurance Authority - (DND) - Canadian Based Contractor	2017-08-17
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5545C	ISO 9001:2008 Quality Management Systems - Requirements (QAC C)	2010-08-16
G1005C	Insurance	2016-01-28

6.12 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 Description 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.

6.13 Preparation for Delivery

The vehicle/equipment must be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be cleaned before leaving the factory and being released to the inspection authority or consignee at the final delivery location.

6.14 Shipping Instructions - Delivery at Destination

1. The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (in accordance with Annex A - Pricing) as specified below. 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 Applicable Taxes.
2. The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the person identified in Annex A - Pricing. The consignee may refuse shipments when prior arrangements have not been made.

6.15 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.

6.16 Post-Contract Award 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 must 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.

6.17 Tools and Loose Equipment

For shipment verification, all items and tools, which are shipped loose with the vehicle/equipment must be listed on the Inspection Certificate (CF1280) or on an attached packing note.

6.18 Assembly/Preparation at Delivery

The Contractor must send a Service Representative to each delivery destination to perform the assembly/preparation on all vehicles/equipment delivered. The assembly/preparation must be performed at no additional cost to Canada.

6.19 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.

ANNEX A – PRICING

Item 001 – Rough Terrain Cranes (Firm Quantity)

The Contractor must deliver three (3) Rough Terrain Cranes and ancillary items such as but not limited to vehicle manuals, data summary, photographs, preventive maintenance replacement parts kit list, warranty letter(s) and Initial Parts Kits including training, in accordance with the attached Purchase Description, Rough Terrain Crane, dated 2018-02-20.

Manufacturer: (to be inserted by PWGSC) Model: (to be inserted by PWGSC)

Destination A

One (1) - Rough Terrain Crane and ancillary items must be delivered to:

14 WG GREENWOOD
Major Equipment Section
14 Wing
CFB Greenwood
Greenwood NS B0P 1N0
Canada

The contact person at destination is: (to be inserted by PWGSC).

Firm lot price of \$_____ per vehicle/equipment and ancillary items, Delivered Duty Paid Greenwood NS, in accordance with Part 6, Basis of Payment Type 1.

Destination B

One (1) - Rough Terrain Crane and ancillary items must be delivered to:

17WG WINNIPEG
Major Equipment Section
17 Wing Winnipeg, Bldg. 129
Logistics Bldg., Door 13
Winnipeg MB R3J 3Y5
Canada

The contact person at destination is: (to be inserted by PWGSC).

Firm lot price of \$_____ per vehicle/equipment and ancillary items, Delivered Duty Paid Winnipeg MB, in accordance with Part 6, Basis of Payment Type 1.

Destination C

One (1) - Rough Terrain Crane and ancillary items must be delivered to:

19 WG COMOX
Major Equipment Section
Comox BC VOR 2K0
Canada

The contact person at destination is: (to be inserted by PWGSC).

Firm lot price of \$ _____ per vehicle/equipment and ancillary items, Delivered Duty Paid (... named place of destination), in accordance with Part 6, Basis of Payment Type 1.

Item 002 – Rough Terrain Cranes (Optional Quantity)

If this option is exercised, the Contractor must deliver up to three (3) Rough Terrain Cranes and ancillary items such as but not limited to vehicle manuals, data summary, photographs, preventive maintenance replacement parts kit list, warranty letter(s) and Initial Parts Kits, excluding training, in accordance with the attached Purchase Description, Rough Terrain Crane, dated 2018-02-20.

Firm lot price of \$ _____ per vehicle/equipment and ancillary items, at Contractor's Canadian facility or Contractor's Canadian distribution point in accordance with Part 6, Basis of Payment Type 2.

Manufacturer: (to be inserted by PWGSC) Model: (to be inserted by PWGSC)

Item 003 - Transportation Cost (Optional Quantities)

If an option is exercised in accordance with item 004 above, the Contractor must deliver the vehicle/equipment to destination as follows:

Quantity: (to be inserted by PSPC if an option is exercised)

The Rough Terrain Crane and ancillary items must be delivered to:

(To be inserted by PWGSC if an option is exercised)

The contact person at destination is: (to be inserted by PWGSC if an option is exercised).

Actual shipping cost of \$ (to be inserted by PWGSC if an option is exercised) per vehicle/equipment, for transportation cost, Delivered Duty Paid (... named place of destination), in accordance with Part 6, Basis of Payment Type 3.

(Item 003 will not be included in the financial evaluation)

Item 004 - Optional Training / Familiarization

If this option is exercised, the Contractor must provide up to three (3) familiarization training, in accordance with the attached Purchase Description for Rough Terrain Crane, dated 2018-02-20.

Firm unit price of \$ _____ per familiarization training in accordance with Part 6, Basis of Payment Type 4.

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

If this option is exercised, the Contractor must provide up to three (3) maintainer training, in accordance with the attached Purchase Description for Rough Terrain Crane, dated 2018-02-20.

Firm unit price of \$_____ per maintainer training in accordance with Part 6, Basis of Payment Type 4.

If this option is exercised, the Contractor must provide up to three (3) operator training, in accordance with the attached Purchase Description for Rough Terrain Crane, dated 2018-02-20.

Firm unit price of \$_____ per operator training in accordance with Part 6, Basis of Payment Type 4.

Item 005 - Travel and Living Expenses – National Joint Council Directive, for Training Option

The Contractor must deliver the training to:

(to be inserted by PWGSC if an option is exercised)

Estimated Cost: \$(to be inserted by PWGSC if an option is exercised) in accordance with Part 6, Basis of Payment Type 4.

(Item 005 will not be included in the financial evaluation)

Item 006 – Extended Warranty Period

If the warranty period is extended for an additional period of _____ months/calendar days, the Contractor will be paid a firm unit price of \$_____ per vehicle/equipment, applicable Taxes are extra.

(Item 006 will not be included in the financial evaluation)

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

ANNEX B - 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);
- ☐ () Large Value Transfer System (LVTS) (Over \$25M)

ANNEX C - FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\)-Labour's](#) website.

Date : _____ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- ☐ A1. The Bidder certifies having no work force in Canada.
- ☐ A2. The Bidder certifies being a public sector employer.
- ☐ A3. The Bidder certifies being a [federally regulated employer](#) being subject to the *Employment Equity Act*.
- ☐ A4. The Bidder certifies having a combined work force in Canada of less than 100 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- ☐ A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

OR

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

B. Check only one of the following:

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

OR

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

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



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.

PURCHASE DESCRIPTION

ROUGH TERRAIN CRANE

1. SCOPE

1.1 **Scope** - This purchase description covers the requirements for a Rough Terrain crane.

1.2 **Instructions**

- (a) Requirements that are identified by the word “must” **must** be treated as 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 provided is for guidance only;
- (d) Where a standard is specified and the Contractor has offered an **Equivalent**, that **Equivalent** standard **must** be supplied by the Contractor;
- (e) Where a technical certification is referred to in this Purchase Description, a copy of the certification or **Equivalent must** be supplied, when requested by the **Technical Authority**;
- (f) While the International System of Units (SI) **must** be used as the primary system of measurement to define requirements of this Purchase Description, both the SI system and the standard system for this product may be indicated. Conversion from one system of measurement to the other may not be exact; and
- (g) Dimensions stated as nominal **must** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but that differ from the actual dimensions.

1.3 **Definitions**

- (a) “**Provided**” means “provided and installed”;
- (b) “**Technical Authority**” **must** mean the official responsible for the technical content of this requirement;
- (c) “**Equivalent**” means a standard, means, or component type, that the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance;

- (d) “**Commercially Equipped**” means that the vehicle is provided in its standard commercial configuration with no additional government-specified requirements; and
- (e) “**Bilingual**” means in both official languages: English and French

1.4 **Data Table** - The following table shows required performance and dimensions, with a clause reference.

CHARACTERISTIC	CLAUSE	UNITS	VALUE
FORWARD SPEED	3.4.1	km/h	35
TURNING CIRCLE – WALL TO WALL	3.4.2	mm	19,000
LIFT AT 3m	3.4.3 (c) i	kg	27,000
LIFT AT 12m	3.4.3 (c) ii	kg	5,000
LIFT AT 20m	3.4.3 (c) iii	kg	1,900
LIFT AT 26m	3.4.3 (c) iv	kg	900
VEHICLE WEIGHT	3.4.4 (a)	kg	28,000
VEHICLE WIDTH	3.4.4 (b)	mm	2,750
VEHICLE HEIGHT	3.4.4 (c)	mm	3,600
VEHICLE LENGTH	3.4.4 (d)	mm	12,100

2. APPLICABLE DOCUMENTS

2.1 **Government Furnished Documents** - NOT APPLICABLE

2.2 **Other Publications** - The following documents are referenced in this specification. Canada will not be supplying any reference documents. Available information on the organization is provided.

- (a) Hazardous Products Act
Government of Canada / Department of Justice
<http://laws-lois.justice.gc.ca/eng/acts/H-3/>
- (b) International Organization for Standardization (ISO)
ISO Central Secretariat
BIBC II
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
<http://www.iso.org/iso/home.htm>
- (c) SAE Standards
SAE World Headquarters
400 Commonwealth Dr.,
Warrendale, PA, 15096-0001
<http://www.sae.org>
- (d) Canadian Standards Association
178 Rexdale Boulevard
Toronto, Ontario, Canada N9W 1R3
<http://www.csa.ca>
- (e) CSA Z150-11 Safety Code on Mobile Cranes
Canadian Standards Association
178 Rexdale Boulevard
Toronto, Ontario, Canada N9W 1R3
<http://www.csa.ca>

3. REQUIREMENTS

3.1 Standard Design

- (a) The vehicle **must** be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of vehicle for at least three (3) years;
- (b) The vehicle **must** include all components, equipment and accessories normally supplied for this application, although they may not be specifically described in this Purchase Description;
- (c) The vehicle **must** have engineering certification available for this application from the original manufacturers of major equipment, systems and assemblies;
- (d) The vehicle **must** conform to all applicable laws, regulations and industrial standards in effect in Canada at the time of manufacture. The regulatory areas may include but are not necessarily limited to manufacturing, health and safety, noise levels, environment and emissions; and
- (e) The vehicle and accessories **must** operate in accordance with all original equipment manufacturers' (OEM) rated capacities and performance specifications.

3.2 Operating Conditions

- 3.2.1 **Weather** - The vehicle **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -35 to 40° C.
- 3.2.2 **Terrain** - The vehicle **must** propel itself in the forward and reverse directions during off-road operations (e.g. construction sites, open fields and dirt tracks) in all-weather conditions.

3.3 Safety Standards

- 3.3.1 **Crane Standards** – The crane **must** comply with the requirements of the current version of CSA Z150 *Safety Code on Mobile Cranes*; and
- 3.3.2 **Hazardous Materials** – The contractor **must** comply with the Hazardous Products Act of Canada with regards to the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals used in the manufacture and assembly of the product supplied.

3.4 Performance – The vehicle **must** be a rough terrain, telescoping boom crane.

- 3.4.1 **Travel Performance** - The vehicle **must** have a forward speed, when configured for transport, of at least that given as “**FORWARD SPEED**” in the Data Table on flat and level roads.
- 3.4.2 **Turning Circle** - The vehicle, with crane in the forward stowed position, **must** turn between two parallel vertical walls separated by a distance of not more than that given as “**TURNING CIRCLE – WALL TO WALL**” in the Data Table when tested in accordance with SAE J695.

3.4.3 Lift Performance

- (a) Crane capacities **must** be calculated in accordance with the current version of CSA Z150;

- (b) When published lift distance is different than requested evaluation distance, the next higher published value will be used for evaluation;
- (c) **Outriggers Deployed**
 - i The crane **must** have a lift capacity, at 3 m radius, through 360-degree rotation, of at least that given as “**LIFT AT 3m**” in the Data Table, with the outriggers deployed and counterweights installed;
 - ii The crane **must** have a lift capacity, at 12m radius, through 360-degree rotation, of at least that given as “**LIFT AT 12m**” in the Data Table, with the outriggers deployed and counterweights installed;
 - iii The crane **must** have a lift capacity, at 20 m radius, through 360-degree rotation, of at least that given as “**LIFT AT 20m**” in the Data Table, with the outriggers deployed and counterweights installed; and
 - iv The crane **must** have a lift capacity, at 26 m radius, through 360-degree rotation, of at least that given as “**LIFT AT 26m**” in the Data Table, with the outriggers deployed and counterweights installed.

3.4.4 **Dimensions and Weights**

- (a) The vehicle **must** have a gross vehicle weight of not more than that given as “**VEHICLE WEIGHT**” in the Data Table;
- (b) The vehicle **must** have an overall width, with outriggers retracted, of not more than that given as “**VEHICLE WIDTH**” in the Data Table;
- (c) The vehicle **must** have an overall height, of not more than that given as “**VEHICLE HEIGHT**” in the Data Table; and
- (d) The vehicle **must** have an overall length, boom retracted and stowed in the forward position, of not more than that given as “**VEHICLE LENGTH**” in the Data Table.

3.4.5 **Crane Certification** - The crane **must** be certified to the current version of CSA Z150, 30 days or less before delivery.

3.5 **Equipment**

- (a) **Boom**
 - i The crane **must** be equipped with a hydraulically operated, full power-telescoping boom;
 - ii The boom **must** have a boom tip with hook block to lift the maximum rated load; and
 - iii The extended length of the boom, not including any jib extensions, **must** be at least 28 m.
- (b) **Outriggers**
 - i The vehicle **must** be provided with at least four hydraulically operated outriggers;
 - ii The outriggers **must** support the crane with all wheels off the ground while hoisting all rated loads in all positions;

- iii The outriggers **must** hold the required position and not require repositioning during operations; and
- iv The outriggers **must** have controls located in the crane operator's cab.
- (c) **Main Hoist**
 - i The crane **must** be provided with a main hoist;
 - ii The main hoist **must** have motor, gearing, brakes, controls, line pull, speed and wire rope strength and capacity in accordance with CSA Standard Z150; and
 - iii The main hoist wire rope **must** be rotation resistant.
- (d) **Auxiliary Hoist**
 - i The crane **must** be provided with an auxiliary hoist; and
 - ii The auxiliary hoist wire rope **must** be rotation resistant.
- (e) **Auxiliary Single Sheave** – A boom nose auxiliary single sheave for use with a single line from the auxiliary hoist **must** be provided.
- (f) **Counterweights** - The vehicle **must** be provided with counterweights required for the crane capacities specified in paragraphs 3.4.3;
- (g) **Anti-Two Block Device** - The crane **must** be provided with an anti-two block device;
- (h) **Hook Block**
 - i A swivel type hook block **must** be provided;
 - ii The hook **must** be equipped with a safety latch; and
 - iii The rated capacity of the hook block **must** meet or exceed the maximum lifting capacity of the crane.
- (i) **Single-Line Ball Hook** - A single-line "overhaul" type ball hook **must** be provided;
- (j) **Grounding Attachment Points**
 - i The vehicle **must** be provided with grounding attachment points;
 - ii There **must** be one grounding attachment point towards the front and one towards the rear;
 - iii The grounding attachment points **must** permit an alligator clamp to be attached to the vehicle for grounding;
 - iv The attachment of an alligator clamp to either of the attachment points **must** not interfere with the operation of the crane; and
 - v The grounding attachment points **must** be clearly marked and accessible to an operator at ground level.
- (k) **Grounding Reels**
 - i The vehicle **must** be provided with two (2) heavy-duty, automatic controlled rewind static electricity grounding reel assembly and clamp installed near the two grounding points;

- ii Installation of grounding reel assemblies **must** not interfere with crane operation; and
 - iii The reels **must** be provided with at least 15 m of cable.
- (l) **Outrigger Pads**
 - i The manufacturers light-weight outrigger pads **must** be supplied; and
 - ii The outrigger pads **must** be at least 750 mm in diameter.
- (m) **Capacity Charts**
 - i Safe load capacity charts, indicating all safe loads in both metric and imperial units, **must** be affixed inside the operator cab; and
 - ii The capacity charts **must** be bilingual (English and French).
- (n) **Rear-Mounted Pintle Hook**
 - i The vehicle **must** be provided with a rigid pintle hook mounted at the rear of the vehicle; and
 - ii The pintle hook **must** accommodate a lunette with a nominal internal diameter of 76 mm and a nominal material thickness of 41 mm.
- (o) **Tie-Down/Transport/Recovery Devices** – **Must** be commercially equipped.
- (p) **Tool Compartment**
 - i A tool compartment to hold all tools and loose equipment required for daily maintenance **must** be provided;
 - ii The tool compartment **must** be protected from the elements including road splash or be of weatherproof construction with anti-return type drainage; and
 - iii The tool compartment **must** be lockable.
- (q) **Protection against Vandalism** - The vehicle **must** be provided with vandal protection measures including provisions for locking the engine covers, filler caps and cab.
- (r) **Non-Skid Walking Surfaces** - All walking surfaces **must** be covered with a non-skid coating for operator safety.
- (s) **License Plate Holder** – The vehicle **must** be provided with front and rear mounted license plate holders.
- (t) **Fire Extinguisher**
 - i A 2.2 kg dry chemical fire extinguisher **must** be provided in an accessible location; and
 - ii The fire extinguisher **must** be inspected within 30 days prior to delivery.

3.6 **Operator Station**

- (a) **Cab**
 - i The crane **must** be provided with a single cab for both crane operation and vehicle driving.

- ii The cab **must** be fully enclosed weatherproof, metal framed, insulated and soundproof;
- iii The cab **must** rotate with the crane boom;
- iv The cab **must** be provided with a heating, ventilation and defrosting system keeping windows free from frost and moisture;
- v The cab **must** be provided with an air conditioning system;
- vi The cab **must** be provided with safety glass windows providing above and all around visibility;
- vii The cab **must** be provided with electrical power actuated windshield wipers for the front windows with a windshield washer;
- viii The cab **must** be provided with two doors, or one door and at least one window that may be quickly opened and removed as an operator escape route in an emergency;
- ix Emergency exits **must** be visibly labelled; and
- x The cab **must** be provided with a skylight, so the operator can see the load and boom tip in any position.

(b) **Seat**

- i The operator station **must** be provided with a seat and backrest in conformance with SAE J899;
- ii The seat **must** have seat material being a breathable fabric or a mesh surface;
- iii The seat must be fore/aft adjustable without having to move from a seated position; and
- iv The seat **must** be provided with seat belts conforming to SAE J386.

(c) **Mirror(s)**

- i Adjustable rear-view mirrors positioned for safe reverse operation **must** be provided;
- ii Heated exterior mirrors **must** be provided;
- iii Mirror heating **must** be activated by an in-cab control.

- (d) **Rear Vision System** - A rear vision system, consisting of a rear-facing camera at rear of vehicle and a monitor in the cab **must** be provided.

3.7 **Engine** – The manufacturer's standard diesel engine **must** be provided.

3.7.1 **Engine Cold Weather Aids**

- (a) The engine **must** be provided with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to -35° C;
- (b) A low temperature engine starting aid **must** be provided. The engine **must** have one of the following systems: ether injection, glow plug(s), intake air preheat or **Equivalent**;

- (c) A heated fuel filter/water separator **must** be provided to preheat diesel fuel prior to starting;
- (d) One or more 110-Volt engine heaters **must** be provided. The engine heaters **must** have a capacity as recommended by the engine manufacturer or conforming to SAE J1310;
- (e) The engine **must** be provided with one or more 110-volt battery heaters. The battery heaters **must** have a wattage matched to battery size to prevent battery damage due to overheating;
- (f) External electrical power for engine and battery heaters **must** be a single cover-protected plug, accessible by an operator standing beside the vehicle; and
- (g) The external plug **must** include or be accompanied by a light to indicate when power is being supplied to the 110 Volt components.
- (h) **Fuel-Fired Pre-Heater**
 - i The vehicle **must** be provided with a fuel-fired engine coolant preheat system;
 - ii The fuel-fired pre-heater **must** be the size recommended by the heater manufacturer;
 - iii The fuel-fired pre-heater **must** be provided with a 7 day programmable timer;
 - iv Fuel for the fuel-fired pre-heater **must** be drawn from the vehicle fuel tank; and
 - v The fuel-fired pre-heater **must** operate without power from outside the vehicle.

3.8 **3-Mode Steering**

- (a) The steering system **must** have the following three modes:
 - i Front wheel steer;
 - ii Coordinated (all wheel) steer; and
 - iii Crab type steer.
- (b) Steering position and mode indicators **must** be located in a position readily visible to operator.

3.9 **Wheels and Tires** – **Must** be commercially equipped.

3.9.1 **Tire Pressure Monitoring System**

- (a) The crane **must** be provided with a tire pressure monitoring system;
- (b) The sensors **must** have replaceable batteries, if applicable;
- (c) The tire pressure monitoring system **must** include a monitor permanently mounted in the cab, visible to the operator; and
- (d) The tire pressure monitoring system **must** turn off automatically when the vehicle is turned off.

3.10 **Controls** - Controls **must** be manufacturer's standard including a safety device ensuring that engine can only be started with the transmission in a neutral position.

3.10.1 **Craning Control**

- (a) All controls for craning **must** be located in the operator's cab within easy reach of the operator;
- (b) The crane **must** be provided with joystick crane controls;
- (c) The crane **must** be equipped with all the controls and indicators for safe crane operation; and
- (d) This **must** include controls and instruments for the boom, hoist, telescoping, outriggers and turntable.

3.10.2 **Load Moment Indicator (LMI)**

- (a) The crane **must** be provided with a load moment indicator (LMI);
- (b) The load moment indicator (LMI) **must** include all the functions to maintain a safe operating condition for the operator; and
- (c) No operator intervention **must** be required to maintain safe operating conditions.

3.11 **Instruments** - Instruments **must** be manufacturer's standard including a digital read-out hour-meter, that displays accumulated running time of at least 9,999 hours.

3.12 **Electrical System**

- (a) A readily accessible driver-operated warning horn **must** be provided;
- (b) A back-up alarm system to alert personnel that the vehicle is in reverse **must** be provided;
- (c) **Battery Solar Charger**
 - i A Battery Solar Charging System **must** be provided;
 - ii The Battery Solar Charging System **must** be equivalent to NSN 6130-01-487-0035; and
 - iii The solar charger panel **must** be mounted on an angle of between 10 and 15 degrees in a protected location.

3.13 **Lighting**

- (a) **Amber Coloured Beacon**
 - i The vehicle **must** be provided with an amber coloured, omni-directional beacon, with a dash mounted control switch;
 - ii The beacon **must** be mounted so as to provide maximum vehicle visibility;
 - iii The beacon **must** be designed for 360-degree visibility;
 - iv The beacon **must** be mounted mechanically without the use of suction cups; and
 - v The beacon **must** be LED.

- (b) **Signal Lights** – The vehicle **must** be provided with head lights, stop lights and turn signals; and
- (c) **Working Lights** – The vehicle **must** be provided with forward and rearward facing working lights.

3.14 **Hydraulic System** – **Must** be commercially equipped.

- (a) **Hydraulic Oil Heater**
 - i A hydraulic oil heater **must** be provided;
 - ii The heater **must** have a thermostatic control system to prevent overheating of the hydraulic oil.

3.15 **Lubricants and Hydraulic Fluids**

- (a) Manufacturer's standard synthetic non-proprietary lubricants and hydraulic fluids **must** be provided;
- (b) Lubrication fittings **must** conform to SAE J534 or an **Equivalent** North American Standard;
- (c) Lubricants and hydraulic fluids provided **must** be in accordance with the manufacturer's specifications for the destination and the season of delivery; and
- (d) A service label, visible from inside the cab, indicating the types of fluid and viscosity delivered with the vehicle **must** be provided.

3.16 **Paint** – The vehicle exterior surfaces that are normally painted for commercial trade **must** be painted high visibility yellow *Dupont AXALATA 750206 EB Penn DOT Yellow* or **Equivalent**.

3.17 **Labels** – All written warning and instruction labels **must** be in English and French.

3.18 **Vehicle Delivery Condition**

- (a) If the vehicle requires assembly at destination, the contractor **must** be responsible for all manpower and equipment to perform assembly;
- (b) The space for assembly at destination will be provided, if required; and
- (c) Fuel tank(s) **must** be half to three quarters full on delivery.

4. **Integrated Logistic Support**

4.1 **Contractor Documentation and Logistic Items**

4.1.1 **Items Supplied to Technical Authority**

- (a) **Manuals for Approval**
 - i The Contractor **must** supply a set of manuals for each Configuration/model, in digital format, including the operator, parts and maintenance (shop repair) manuals;
 - ii The set of manuals **must** include manuals for all the specified accessories and features for the configuration/model. Accessory manuals may be included as supplements to the vehicle/equipment manuals;

- iii The maintenance (shop repair) manuals **must** cover all major components including the engine(s);
- iv Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection;
- v Digital copies **must** be supplied on a CD or DVD;
- vi Digital copies **must** be supplied in a searchable PDF format;
- vii The CD or DVD **must** be permanently and legibly marked with a list of contents;
- viii Manuals will not be returned;
- ix Manual approval or comments will be supplied within 15 working days of receipt; and
- x The Contractor **must** supply the additional documentation and implement the changes as requested by the **Technical Authority**; and
- xi Paper copies of manuals delivered under this contract **must** have the same content as the electronic format approved by the **Technical Authority**.

(b) **Photographs and Line Drawings**

- i The Contractor **must** supply two (2) digital colour photographs, one (1) left-front three-quarter view, and one (1) right-rear three-quarter view of each configuration/model;
- ii One (1) digital colour photograph of each attachment taken at the three-quarter view that best illustrates the attachment **must** be supplied;
- iii One (1) front-view and one (1) side-view line drawing showing dimensions of the vehicle/equipment **must** be supplied. Brochure line drawings are acceptable;
- iv Photographs **must** have a plain background;
- v Photographs **must** be in a JPEG (Joint Photographic Experts Group) format; and
- vi Photographs **must** have a resolution of at least eight (8) Mega pixels.

(c) **Data Summary**

- i The Contractor **must** supply a bilingual data summary for each configuration/model, with vehicle/equipment data (including accessories and features) and a vehicle/equipment picture;
- ii The **Technical Authority** will supply a bilingual template of a data summary to the Contractor;
- iii The Contractor **must** supply a digital copy (MS Word) of the completed data summary for approval;
- iv Data summary approval or comments will be supplied within 15 working days of receipt; and

- v The Contractor **must** implement the changes requested by the **Technical Authority**.

(d) **Safety Data Sheets**

- i The Contractor **must** supply a listing, in digital format, of all hazardous materials used on the vehicle/equipment;
- ii If there are no hazardous materials used, this **must** be stated on the listing; and
- iii The Contractor **must** supply safety data sheets, in both official languages, in digital PDF format, for all hazardous materials in the list.

(e) **Warranty Letter**

- i The **Technical Authority** will supply a bilingual warranty letter template to the Contractor;
- ii The Contractor **must** supply a complete description of the warranty with the requested warranty terms and any system or sub system warranty that exceeds the minimum requested;
- iii The warranty letter **must** include the name and contact information of the closest designated warranty provider and other designated warranty providers across Canada;
- iv Designated warranty providers **must** honour the warranty letter; and
- v The contractor **must** supply the original warranty letter in digital format, for each vehicle/equipment delivered, to the **Technical Authority**.

(f) **Initial Parts Kit List**

- i The contractor **must** supply a list of parts needed to perform preventive maintenance on one (1) vehicle/equipment for a period of one (1) year in accordance with the maintenance manual for each configuration/model;
- ii A complete change of all filters and filter elements **must** be included in the list; and
- iii The list **must** include the following elements: part description; Original Equipment Manufacturer (OEM) Part number; suggested quantity and unit cost.

- (g) **Training Plan(s)** - The Contractor **must** supply a training plan for approval for each of the training courses listed in paragraph 4.2, to the **Technical Authority**.

- (h) **Certification Documents** - The Contractor **must** supply the crane certification in accordance with the latest CSA standard, to include accessories, to the **Technical Authority** for each vehicle delivered.

4.1.2 **Items Supplied with Each Vehicle/Equipment**

- (a) **Operator's Manuals** - The Contractor **must** supply a **Technical Authority** approved bilingual operator's manual in paper and digital format with each vehicle/equipment delivered.
- (b) **Warranty Letter** - The Contractor **must** supply a copy of the warranty letter with each vehicle/equipment delivered.

(c) **Safety Data Sheets**

- i The Contractor **must** supply a set of material safety data sheets in paper format; and
- ii The material safety data sheets **must** be the same as those provided to the **Technical Authority** as per paragraph 4.1.1 (d).

(d) **Keys** – The contractor **must** supply two (2) sets of keys.

(e) **Certification Documents** - The Contractor **must** supply the crane certification in accordance with the latest CSA standard, to include accessories, with each vehicle delivered.

(f) **Initial Parts Kit**

- i One (1) initial parts kit **must** be supplied; and
- ii The initial parts kit **must** include a set of parts in the approved initial parts kit list (paragraph 4.1.1 (f)).

(g) **Maintenance Manual – English**

- i The Contractor **must** supply the **Technical Authority** approved maintenance (shop repair) manuals in paper and digital format and in English required for the maintenance and repair of the vehicle/equipment, features and accessories; and
- ii The contractor may supply this deliverable as a bilingual package.

(h) **Maintenance Manual – French**

- i The Contractor **must** supply the **Technical Authority** approved maintenance (shop repair) manuals in paper and digital format and in French required for the maintenance and repair of the vehicle/equipment, features and accessories; and
- ii The contractor may supply this deliverable as a bilingual package.

(i) **Parts Manual**

- i The Contractor **must** supply the approved parts manuals for the vehicle/equipment, features and accessories;
- ii The parts manual **must** be supplied in English, in paper and digital format; and
- iii It is desirable to supply the parts manual in French in addition to the English version.

4.2 **Training**

(a) **Technician Course**

- i The contractor **must** supply a technician training course, at the delivery destination, for each crane delivered;
- ii The course **must** be delivered in the official language (English or French) specified in the contract for that delivery destination;
- iii The instructor **must** be an OEM Factory Certified Training Provider;

- iv **Curriculum** - The technician training course curriculum **must** include, but is not limited to, operation and maintenance safety precautions, overview of air, hydraulic and electrical systems (as applicable), preventive maintenance including servicing schedules, overview of CSA Z150 inspection and maintenance requirements, special tools and test equipment, diagnostics, troubleshooting, testing and adjustments for the vehicle/equipment, features and accessories;
- v The technician training course **must** have a minimum duration of three (3) days;
- vi The technician training course **must** accommodate up to four (4) technicians;
- vii The date for the technician training course **must** be arranged with the **Technical Authority**;
- viii After completion of the technician training course, the Contractor **must** have the “**PROOF OF TECHNICIAN TRAINING**” certificate signed by the senior course attendee; and
- ix The **Technical Authority** will supply the “**PROOF OF TECHNICIAN TRAINING**” document template in a digital format.

(b) **Operator Familiarization Course**

- i The contractor **must** supply an operator familiarization course, optimized for trained crane operators, at the delivery destination, for each crane delivered;
- ii The course **must** be delivered in the official language (English or French) specified in the contract for that delivery destination;
- iii The instructor **must** be an OEM Factory Certified Training Provider;
- iv **Curriculum**
 - 1. The operator familiarization course **must** include safety precautions to be observed while operating and servicing the vehicle/equipment, vehicle/equipment operating characteristics, LMI calibration, pre-operating and pre-shutdown procedures and daily/weekly operator servicing procedures; and
 - 2. The course **must** include a minimum of four (4) hours operating experience per operator.
- v The operator familiarization course **must** have a minimum duration of three (3) days;
- vi The operator familiarization course **must** accommodate up to four (4) operators;
- vii The date for the operator familiarization course **must** be arranged with the **Technical Authority**;
- viii After completion of the operator familiarization course, the Contractor **must** have the “**PROOF OF OPERATOR TRAINING**” certificate signed by the senior course attendee; and

ix The **Technical Authority** will supply the “**PROOF OF OPERATOR TRAINING**” document template in a digital format.

4.3 **ILS Data Deliverables Summary.** This table is for quick reference only. All detailed requirements to be met are contained under Paragraph 4: Integrated Logistics Support.

Item	Format	Delivered to TA by E-mail	Delivered to TA by mail/courier	Copy with Vehicle	Remarks
Photographs and Line Drawings	Digital	x	-	-	
Data Summary	Digital	x	-	-	TA will provide template
Training Plan/Curriculum	Digital	x	-	-	
Proof of Training Certificate	Digital	x	-	-	Procurement Authority will provide template
Initial Parts Kit List	Digital	x	-	-	
Warranty Letter	Digital	x	-	-	TA will provide template
	Paper**	-	-	x	
Listing of HAZMAT and Safety Data Sheets French and English	Digital	x	-	-	
	Paper**	-	-	x	
Operator's Manual Bilingual	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	
Maintenance (shop repair) Manual English	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

Item	Format	Delivered to TA by E-mail	Delivered to TA by mail/courier	Copy with Vehicle	Remarks
Maintenance (shop repair) Manual French	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	
Parts Manual	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	
Certification Documents	Digital	x	-	-	
	Paper**	-	-	x	

Notes: * If possible e-manuals should be on a single CD/DVD

** Paper copy must be identical to the electronic approved by the TA.

OPI: DSVPM 4 – BPR: DAPVS 4

Issued on Authority of the Chief of the Defence Staff

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

Canada

© 2018 DND/MDN Canada
Document #4865742 – Rev A
2018-02-20



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.

TECHNICAL INFORMATION QUESTIONNAIRE
ROUGH TERRAIN CRANE

This questionnaire covers technical information, which **must** be provided for evaluation of the configuration of the vehicle offered.

Where the specification paragraphs below indicate “**Substantial Information**”, the “**Substantial Information**” describing completely and in detail how the requirement is met or addressed **must** be supplied for each performance requirement/specification.

Bidder is required to indicate the document name/title and page number where the **Substantial Information** can be found.

Definition for **Equivalent** is found in the DEFINITION section at the end of this document.

CONTRACTOR INFORMATION

Contractor Name: _____

Address: _____

Proposal Date: _____

Substitutes/Alternatives

Are any equipment substitutes/alternatives offered as **Equivalent**? YES ☐ NO ☐

If yes, please identify all equipment substitutes/alternatives offered as **Equivalents** below:

PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal
3.4	The vehicle must be a rough terrain, telescoping boom crane.	Vehicle Make		Provide vehicle brochure
		Vehicle Model		
		Vehicle Model Year		
3.4.1	The vehicle must have a forward speed, when configured for transport, of at least that given as “ FORWARD SPEED ” (35 km/h) in the Data Table, on flat and level roads.	Forward Speed	km/h	
3.4.2	The vehicle, with crane in the forward stowed position, must turn between two parallel vertical walls separated by a distance of not more than that given as “ TURNING CIRCLE – WALL TO WALL ” (19,000 mm) in the Data Table, when tested in accordance with SAE J695.	Turning Circle Wall to wall	mm	
3.4.3 (c) i	The crane must have a lift capacity, at 3 m radius, through 360-degree rotation, of at least that given as “ LIFT AT 3m ” (27,000 kg) in the Data Table, with the outriggers deployed and counterweights installed.	Lift at 3m	kg	
3.4.3 (c) ii	The crane must have a lift capacity, at 12 m radius, through 360-degree rotation, of at least that given as “ LIFT AT 12m ” (5,000 kg) in the Data Table, with the outriggers deployed and counterweights installed.	Lift at 12m	kg	

3.4.3 (c) iii	The crane must have a lift capacity, at 20 m radius, through 360-degree rotation, of at least that given as “ LIFT AT 20m ” (1,900 kg) in the Data Table, with the outriggers deployed and counterweights installed.	Lift at 20m	kg	
3.4.3 (c) iv	The crane must have a lift capacity, at 26 m radius, through 360-degree rotation, of at least that given as “ LIFT AT 26m ” (900 kg) in the Data Table, with the outriggers deployed and counterweights installed.	Lift at 26m	kg	
3.4.4 (a)	The vehicle must have a gross vehicle weight of not more than that given as “ VEHICLE WEIGHT ” (28,000 kg) in the Data Table.	Vehicle weight	kg	
3.4.4 (b)	The vehicle must have an overall width, with outriggers retracted, of not more than that given as “ VEHICLE WIDTH ” (2,750 mm) in the Data Table.	Vehicle width	mm	
3.4.4 (c)	The vehicle must have an overall height, of not more than that given as “ VEHICLE HEIGHT ” (3,600 mm) in the Data Table.	Vehicle height	mm	
3.4.4 (d)	The vehicle must have an overall length, boom retracted and stowed in the forward position, of not more than that given as “ VEHICLE LENGTH ” (12,100 mm) in the Data Table.	Vehicle length	mm	

Solicitation No. - N° de l'invitation
W8476-185882/A
Client Ref. No. - N° de réf. du client
W8476-185882

Amd. No. - N° de la modif.
File No. - N° du dossier
hp927W8476-185882

Buyer ID - Id de l'acheteur
hp927
CCC No. /N° CCC - FMS No/ N° VME

3.5 (a) iii	The extended length of the boom, not including any jib extensions, must be at least 28 m .	Boom length	m	
-------------	--	-------------	---	--

DEFINITION

The following definitions apply to the interpretation of this Technical Information Questionnaire:

- a) "Equivalent" - A standard, means, or component type, which has been accepted by the Technical Authority as meeting the specified requirements for form, fit, function and performance.