

**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 0A1 / Noyau 0A1**  
**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**

<b>Title - Sujet</b> Towing Recovery Device & Trailer	
<b>Solicitation No. - N° de l'invitation</b> W8476-144728/A	<b>Date</b> 2013-07-29
<b>Client Reference No. - N° de référence du client</b> W8476-144728	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-539-63191	
<b>File No. - N° de dossier</b> hp539.W8476-144728	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-09-09</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Cafferty, Kathy	<b>Buyer Id - Id de l'acheteur</b> hp539
<b>Telephone No. - N° de téléphone</b> (819) 956-5917 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

**Issuing Office - Bureau de distribution**  
Vehicles & Industrial Products Division  
11 Laurier St./11, rue Laurier  
7A2, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

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

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## PART 1 - GENERAL INFORMATION

### 1. Security Requirement

There is no security requirement associated with this bid solicitation.

### 2. Requirement

Canada is seeking proposals to procure:

2.1 Qty 16, **Fifth Wheel Towing and Recovery Device (FWTRD)** and Qty 13, **Fifth Wheel Towing and Recovery Device (FWTRD) Trailer** and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

2.2 Irrevocable options identified in Annex "A" - Pricing.

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

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

2.2.3 The options may be exercised within **twenty-four (24) months** after contract award.

### 3. Debriefings

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

### 4. Interpretation

The mandatory requirements stated in this Request for Proposal use the words "shall" or "must" or "mandatory". Proposals not meeting all of the mandatory requirements will be given no further consideration.

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## PART 2 - BIDDER INSTRUCTIONS

### 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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

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

The **2003 (2013-06-01)** Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection **5.4 of 2003**, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

**Delete:** sixty (60) days

**Insert:** ninety (90) days

### 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.

### 3. Enquiries - Bid Solicitation

All enquiries must be submitted to the Contracting Authority no later than **seven (7) calendar days** before the bid closing date. Enquiries received after that time may not be answered.

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

#### **4. Applicable Laws**

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

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

#### **5. Environmental Considerations**

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

- Offerors / suppliers are requested to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.
- Offerors / suppliers should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).
- Product components used in performing the services should be recyclable and/or reusable, whenever possible.

#### **6. Improvement of Requirement During Solicitation Period**

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

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Amd. No. - N° de la modif.

File No. - N° du dossier

hp539W8476-144728

Buyer ID - Id de l'acheteur

hp539

CCC No./N° CCC - FMS No/ N° VME

W8476-144728

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## 7. SACC Manual Clauses

A9130T	Controlled Goods Program	2011-05-16
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## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **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 and Additional Information (2 hard copies).

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>). To assist Canada in reaching its objectives, bidders should:

- 1) use 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.

### **2. 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 must complete and submit by the bid closing date and time the following:

- 1) All Proof of Compliance(s) required in the Technical Information Questionnaire.
- 2) Recommended Spare Parts List
- 3) Equipment Issuance Scale (EIS) List

Bidders should complete and submit with their bid the following:

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1) Appendix "1" - Technical Information Questionnaire.

### 3. Section II: Financial Bid

Bidders must submit their prices in Annex "A" - Pricing in accordance with the Basis of Payment described in **Part 6 - RESULTING CONTRACT CLAUSES**, at **Clause 6.1 Basis of Payment**.

#### 3.1 Exchange Rate Fluctuation

- 3.1.1 Unless otherwise specified in the bid solicitation, **bids must be in Canadian currency.**
- 3.1.2 Bidders may request Canada to assume the risk for exchange rate fluctuation. This request must be specifically made at time of bidding.
- 3.1.3 The foreign currency component is defined as the element of the price that will be directly affected by exchange rate fluctuations. It could include the net price FOB foreign manufacturer's plant, costs associated with applicable duty, excise tax, Goods and Services Tax or Harmonized Sales Tax, if applicable, entry fees, transportation costs or delivery charges payable in a foreign currency, and any other charges associated with being the importer of record if they originated from and are required to be paid in a foreign currency.
- 3.1.4 The foreign value of the foreign currency component of the bid or negotiated price must be provided before contract award. Form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments, may be used for this purpose. If milestone payments are proposed, it is recommended to indicate on the above form the foreign currency component associated with each milestone event.
- 3.1.5 All bids are evaluated in Canadian currency. Therefore, for evaluation purposes, the noon rate quoted by the Bank of Canada as being in effect on date of bid closing, or such other date as may be specified in the bid solicitation, will be applied as the initial conversion factor for the specified currency. (Column 3 of the above form will be completed by the Contracting Authority.)
- 3.1.6 Rates proposed by bidders will not be accepted for the purposes of this exchange rate adjustment provision.
- 3.1.7 If there are two (2) identical bids, and provided that the bid selected would still be considered the most advantageous to Canada, preference will be given to the Bidder who assumes all or part of the exchange rate adjustment risk over a

bidder who does not assume any of this risk. Furthermore, preference will be given to the Bidder who assumes all of the exchange rate adjustment risk over a bidder who assumes only part of this risk.

3.1.8 Canada will pay the exchange rate adjustment amount in Canadian currency using the prevailing noon rate on the date of payment by Canada or, as applicable, in accordance with clause C3015C.

#### **4. Section III: Certifications and Additional Information**

Bidders must submit the certifications required under **PART 5 - CERTIFICATIONS**.

##### **4.1 Additional Information**

Canada requests that bidders submit the following information:

##### **4.1.1 Delivery**

###### **4.1.1.1 Firm Quantity**

While delivery of the FWTRD/FWTRD Trailer is requested by 21 March 2013, the best delivery that can be offered is as follows:

Item 001 - Qty 2, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 002 - Qty 2, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 003 - Qty 2, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 004 - Qty 1, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 005 - Qty 2, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

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Item 006 - Qty 2, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 007 - Qty 1, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 008 - Qty 1, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 009 - Qty 1, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 010 - Qty 1, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 011 - Qty 1, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 012 - Qty 2, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 013 - Qty 2, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 014 - Qty 2, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 015 - Qty 1, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 016 - Qty 1, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 017 - Qty 2, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 018 - Qty 1, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 019 - Qty 1, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

Item 020 - Qty 1, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days from the effective date of the contract.

#### 4.1.1.2 Optional Quantity

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

Item 026 - Up to Qty 2, **FWTRD** and related items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

Item 027 - Up to Qty 2, **FWTRD Trailer** and related items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

#### 4.1.2 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.**

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## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **1. Evaluation Procedures**

- 1.1 Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- 1.2 An evaluation team composed of representatives of Canada will evaluate the bids.

### **2. Technical Evaluation**

- 2.1 The purpose of the technical evaluation is to determine if the goods and/or services offered meet all mandatory technical requirements outlined in the documents enumerated hereafter and as required in **Section I - Technical Bid of Part 3 - BID PREPARATION INSTRUCTIONS:**

- Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013; and
- Mandatory Proof of Compliance(s).

### **3. Financial Evaluation**

- 3.1 The purpose of the financial evaluation is to determine the aggregate price, based on the information submitted in Annex "A" - Pricing.
- 3.2 Aggregate Price Calculation

Bids will be evaluated on an aggregate price basis for the firm quantity and the optional quantity. Since the optional quantity are to be exercised within twenty-four (24) months, the firm unit prices for the optional quantity will be averaged.

- 3.2.1 To determine the averaged price for the optional quantities, calculation will be as follows:

- a) The firm unit prices for the optional quantity for each period of twelve (12) months will be added; and
- b) The sum will be divided by two (2).

- 3.2.2 To determine the aggregate price for the firm quantity and optional quantity, calculation will be as follows:

a) The averaged price for the optional quantity obtained in 3.2.1 b) above will be multiplied by the total estimated optional quantity identified; and

b) The result will be added to the total price for the firm quantity.

3.3 Any **Extended Warranty Period** offered will not be included in the financial evaluation and further negotiations may be required.

#### 4. **Basis of Selection**

4.1 A bid must comply with the requirements of the bid solicitation and meet all mandatory requirements to be declared responsive. The responsive bid with the lowest evaluated aggregate price will be recommended for award of a contract.

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## PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and documentation 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 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

### 1. Mandatory Certifications Required Precedent to Contract Award

#### 1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

#### 1.2 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 from Human Resources and Skills Development Canada (HRSDC) - Labour's website.

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) 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.

## 2. Additional Certifications Precedent to Contract Award

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

### 2.1 Product Conformance

The Bidder certifies that all FWRTD/FWRTD trailers proposed conform, and will continue to conform through the duration of the contract, to all technical specifications of Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013 .

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

\_\_\_\_\_  
Bidder's authorized representative signature      Date

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## PART 6 - RESULTING CONTRACT CLAUSES

### 1. Security Requirement

There is no security requirement applicable to this contract.

### 2. Requirement

2.1 The Contractor must deliver Qty 16, **Fifth Wheel Towing and Recovery Device (FWTRD)** and Qty 13 **Fifth Wheel Towing and Recovery Device (FWTRD) Trailer** and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

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

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

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

2.2.3 The options may be exercised within **twenty-four (24) months** after contract award.

2.3 **Optional Extended Warranty Period (if applicable)**

The Contractor grants to Canada the irrevocable option to extend the warranty period for an additional **(to be inserted by PWGSC at time of contract award)** months, under the same terms and conditions and at the price stated in the Contract at Annex "A" - pricing. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within ninety (90) calendar days after contract award and/or the exercising of an option by sending a written notice to the Contractor.

### 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 (<http://sacc.pwgsc.gc.ca/sacc/index-e.jsp>) issued by Public Works and Government Services Canada.

#### 3.1 General Conditions

**2010A (2013-04-25) General Conditions - Goods (Medium Complexity)**, apply to and form part of the contract.

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

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

If action to effect repairs under warranty cannot be initiated within **two (2)** working days and completed within a reasonable length of time or if the Contractor has no repair facilities in the immediate vicinity (**within 150 kilometres - urban location**) of the specified delivery destinations (consignees), the Department of National Defence reserves the right to make such repairs and be reimbursed by the Contractor at the rate of **\$103.91** per hour for labour and the cost for replaced parts."

All other provisions of the warranty section remain in effect.

### 4. Term of Contract

#### 4.1 Delivery of FWTRD/FWTRD Trailer

##### 4.1.1 Firm Quantity

Delivery date of the FWTRD/FWTRD Trailer must be made as follows:

- 
- Item 001 - Qty 2, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 002 - Qty 2, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 003 - Qty 2, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 004 - Qty 1, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 005 - Qty 2, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 006 - Qty 2, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 007 - Qty 1, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 008 - Qty 1, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 009 - Qty 1, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 010 - Qty 1, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

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- Item 011 - Qty 1, **FWTRD** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 012 - Qty 2, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 013 - Qty 2, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 014 - Qty 2, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 015 - Qty 1, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 016 - Qty 1, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 017 - Qty 2, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 018 - Qty 1, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 019 - Qty 1, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)
- Item 020 - Qty 1, **FWTRD Trailer** and related items must be delivered on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

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### 4.1.2 Option Quantity

Item 026 - Up to Qty 2, **FWTRD** and related items to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 027 - Up to Qty 2, **FWTRD Trailer** and related items to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

## 5. Authorities

### 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Kathy Cafferty  
Title: Supply Specialist  
Organization: Public Works and Government Services Canada - Acquisitions Branch  
LEFT Directorate, HP Division,  
7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec,  
K1A 0S5  
Telephone: 819 956-5917  
Facsimile: 819 953-2953  
E-mail: kathy.cafferty@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.

### 5.2 Procurement Authority

The Procurement Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

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

### 5.3 Technical Authority:

The Technical Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

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

### 5.4 Contractor's Representative

Name and telephone number of the person responsible for :

#### General enquiries

Name: \_\_\_\_\_ (To be inserted by the supplier)

Title: \_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

**Delivery follow-up**

Name: \_\_\_\_\_ (To be inserted by the supplier)

Title: \_\_\_\_\_

Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

E-mail: \_\_\_\_\_

**5.5 After Sales Service**

5.5.1 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 FWTRD/FWTRD Trailer:

**Item 001**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 002**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 003**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 004**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 005**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 006**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 007**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 008**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 009**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 010**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 011**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 012**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 013**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 014**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 015**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 016**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 017**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 018**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 019**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**Item 020**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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

**6. Payment**

**6.1 Basis of Payment - Firm Unit Price(s)**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm unit price(s) specified in Annex "A" - Pricing, and as follows:

Basis of Payment (BOP) Type 1: Firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

Basis of Payment (BOP) Type 2: Firm unit prices in Canadian dollars, FCA Free Carrier, Incoterms 2000 at Contractor's Canadian facility or Contractor's Canadian distribution point, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

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

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## 6.2 SACC Manual Clauses

H1001C Multiple Payments 2008-05-12

## 6.3 Exchange Rate/Payment on Delivery

6.3.1 The price in Canadian currency includes the foreign currency component in respect of goods, services or both originating outside Canada, as detailed in form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments.

6.3.2 The price must be adjusted to reflect the exchange rate in effect and applied by Canada Border Services Agency (CBSA) on the date of importation, but only in respect of the foreign currency component detailed in the above form.

6.3.3 No price adjustment directly resulting from the application of the provisions contained in this clause will be applied for increases or decreases in the exchange rate within a variation of: plus or minus 2 percent of the exchange rate(s) mentioned above; or plus or minus \$100 of the total cumulative amount claimed for exchange rate adjustment under the Contract.

6.3.4 On each invoice or claim for payment submitted under the Contract, the Contractor must indicate the exchange rate adjustment amount (either upward, downward or no change) as a separate item. In addition, the invoice must be accompanied by a copy of CBSA Form B3-3, Canada Customs Coding Form, for the imported goods, services or both.

6.3.5 Canada will have the right to audit any revision to costs and prices under this clause.

## 7. Invoicing Instructions

7.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the **Client Ref # BT 425**. Invoices cannot be submitted until all work identified in the invoice is completed. Offerors / suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

Each invoice must be supported by:

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

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## 7.2 Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment:

National Defence Headquarters  
Mgen George R. Pearkes Bldg  
101 Colonel By Drive  
Ottawa, Canada K1A 0K2

Attention: DLP \_\_\_\_\_

- (b) One (1) copy must be forwarded to the PWGSC Contracting Authority identified under the section entitled "Authorities" of the Contract.
- (c) One (1) copy must be forwarded to the consignee.

## 7.3 Holdback

A ten percent (10%) holdback will apply on the total price of each FWTRD/ FWTRD trailer (Items 001-020 and 026-027) on any due payment of the said FWTRD/ FWTRD trailer. Release of the holdback (10%) is conditional upon receipt and certified acceptance by DND of the said FWTRD/ FWTRD trailer and all related items as identified in Annex "A" - Pricing.

Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Taxes payable as it was claimed and payable under the previous invoice.

- (a) The original and one (1) copy of the invoice for the holdback must be forwarded to the Procurement Authority identified under the section entitled "Authorities" of the Contract.
- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
- (c) One (1) copy must be forwarded to the consignee.

## 8. Certifications

### 8.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation 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.

### 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 HRSDC-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 HRSDC will constitute the Contractor in default as per the terms of the Contract.

## 9. Applicable Laws

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

## 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) 2010A (2013-04-25) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Technical specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013;
- (e) Appendix 1- Technical Information Questionnaire;
- (f) Annex "C", Federal Contractors Program for Employment Equity - Certification;
- (g) the Contractor's bid dated \_\_\_\_\_.

## 11. SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
A9131C	Controlled Goods Program	2011-05-16
B4060C	Controlled Goods	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian-based Contractors	2011-05-16
D3010C	Dangerous Goods/Hazardous Products	2012-07-16
D5510C	Quality Assurance Authority (DND) - Canadian-based Contractor	2012-07-16
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2010-01-11
D5606C	Release Documents - Canadian-based Contractors	2012-07-16
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

## 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 Statement of Work 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.

## 13. Preparation for Delivery

The FWTRD/FWTRD trailers must be serviced, adjusted and delivered in condition for immediate use. The FWTRD/FWTRD trailers must be cleaned before leaving the factory and being released to DND personnel at the final delivery location.

All FWTRD/FWTRD trailers delivered to the consignee are to be delivered between the hours of 8:00 am and 4:00 pm Monday through Friday, except Federal holidays. Any attempt by the carrier to deliver vehicles before or after these hours may be refused unless arrangements have been made for authorized, qualified personnel to be available to perform inspections and to accept the delivery. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

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#### **14. Shipping Instructions - Delivery at Destination (For Firm quantities)**

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

#### **15. Shipping Instructions (DND) - Canadian-based Contractor (Optional Quantities)**

- 15.1 Delivery will be FCA Free Carrier at the Contractor's Canadian facility or Contractor's Canadian distribution point, Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
- 15.2 Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 15.3.

Inbound Logistics Co-ordination Center (ILCC)

Telephone: 1-877-877-7423 (toll free)

Facsimile: 1-877-877-7409 (toll free)

E-mail: ILHQOttawa@forces.gc.ca

- 15.3 The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:
- (a) the Contract number;
  - (b) consignee address (for multiple addresses, items must be packaged and labeled separately with each consignee address);
  - (c) description of each item;
  - (d) the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
  - (e) actual weight and dimensions of each piece type, including gross weight;
  - (f) full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, the

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International Air Transport Association regulations or the applicable Canadian Dangerous Goods Shipping Regulations, and a copy of the materiel safety data sheet.

- 15.4 Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labeling, and the marking of each piece with a Transportation Control Number.
- 15.5 The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
- 15.6 If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
- 15.7 If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

## **16. Shipping Instructions (DND) - Foreign-based Contractors (Optional Quantities)**

- 16.1 Delivery will be FCA Free Carrier at the Contractor's Canadian facility or Contractor's Canadian distribution point, Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
- 16.2 Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 16.3.
- (a) Insert the following when the Contractor is located in the United States (U.S.):

**Inbound Logistics Coordination Center (ILCC):**

Telephone: 1-877-447-7701 (toll free)

Facsimile: 1-877-877-7409 (toll free)

E-mail: ILHQOttawa@forces.gc.ca

OR

- (b) Insert the following when the Contractor is located in United Kingdom (UK) and Ireland:

**Inbound Logistics United Kingdom (ILUK):**

Telephone: 011-44-1895-613023, or 011-44-1895-613024, or

Facsimile: 011-44-1895-613047

E-mail: CFSUEDetUKMovements@forces.gc.ca

In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to:

CFSUEDetUKMovements@forces.gc.ca.

The shipment of any items above the value of 600 GBP (pound sterling) being exported from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the Contractor.

OR

- (c) Insert the following when the Contractor is located in a country other than Canada, the U.S., the UK and Ireland:

**Inbound Logistics Europe Area (ILEA):**

Telephone: +49-(0)-2451-717199 or 717200

Facsimile: +49-(0)-2451-717189

Email: ILEA@forces.gc.ca

16.3 The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:

- (a) the Contract number;
- (b) consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
- (c) description of each item;
- (d) the number of pieces and type of packaging (e.g. carton, crate, drum, skid);
- (e) actual weight and dimensions of each piece type, including gross weight;

- (f) copy of the commercial invoice (in accordance with clause C2608C, section 4, of the Standard Acquisition Clauses and Conditions Manual) or a copy of the Canada Border Services Agency form CII, Canada Customs Invoice;
- (g) Schedule B codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
- (h) North American Free Trade Agreement Certificate of Origin (in accordance with clause C2608C, section 2) for the U.S. and Mexico only;
- (i) full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, or International Air Transport Association regulations or the applicable Canadian Dangerous Goods Shipping Regulations and a copy of the material safety data sheet.

16.4 Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, the marking of each piece with a Transportation Control Number and customs documentation.

16.5 The Contractor must not ship goods before receiving shipping instructions from the DND Inbound Logistics contact.

16.6 If the Contractor delivers the goods at a place and time that are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.

16.7 If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

## **17. Release Documents - Distribution**

The Contractor must prepare the release documents and distribute them as follows:

- (a) Copy 1: mail to consignee marked: "Attention: Receipts Officer";
- (b) Copies 2 and 3: with shipment (in a waterproof envelope) to the consignee;
- (c) Copy 4: to the Contracting Authority;

(d) Copy 5: to:

National Defence Headquarters  
Mgen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A OK2

Attention: DLP \_\_\_\_\_

(e) Copy 6: to the Quality Assurance Representative;

(f) Copy 7: to the Contractor;

(g) Copy 8: all non-Canadian Contractors to:

DQA/Contract Administration  
National Defence Headquarters  
Mgen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, ON K1A OK2  
E-mail: ContractAdmin.DQA@forces.gc.ca.

## 18. Post-Contract Award Meeting/Pre-Production Meeting

Within ten (10) working days of the receipt of the Contract, the Contractor must contact the Technical Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant \_\_\_\_\_ (specify location). Cost of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by the Canada.

## 19. Progress Reports

The contractor must prepare and submit monthly progress reports in two (2) copies, one to the DND Procurement Authority and one copy of the report must also be forwarded to the PWGSC Contracting Officer.

Each progress report must address the following questions:

- (a) Is the delivery on schedule?
- (b) Is the Contract free of any areas of concern in which the assistance or guidance of Canada may be required?

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(c) Each negative response must be supported with an explanation.

## **20. Tools and Loose Equipment**

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

## **21. Spare Parts Availability**

The contractor must ensure that spare parts required to properly maintain and repair the complete FWTRD/FWTRD trailer covered by this specification will be available for purchase by the Department of National Defence, or its authorized agents, for a period of **10 years**.

## **22. Material**

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

## **23. Design Changes**

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

## **24. Interchangeability**

Unless changes during the production run are authorized by Procurement Authority, all FWTRD/FWTRD trailers 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.

## **25. Packaging**

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

## ANNEX "A" - PRICING

### **Item 001 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD) (Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

#### **CFB ASU SUP Edmonton**

Major Equipment Section  
Replenishment Company (CMTT)  
107 Street & 137 Avenue Bldg C8  
Edmonton, AB T5J 4J5

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

### **Item 002 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD) (Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

#### **CFB ASU Petawawa**

Major Equipment Section  
Petawawa, ON K8H 2X3

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 003 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**BFC USS Valcartier**  
Section d'équipement majeur  
BAT. 188 (PON COMB)  
Garrison Valcartier  
Courcelette, QC G0A 4Z0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 004 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" -

Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**3 ASG GAGETOWN Supply Company**

Major Equipment Section

Bldg B10

Oromocto, NB E2V 4J5

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 005 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex ‘‘B’’ - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**CFB Borden**

Major Equipment Section

Bldg O-111

Borden, ON L0M 1C0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 006 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**17 Wing Winnipeg**  
Major Equipment Section  
Bldg 129, Logistics Bldg, Door 13  
Winnipeg, MB R3J 3Y5

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 007 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**CFB ASU Shilo**  
Major Equipment Section  
Base Supply C-101  
Shilo, MB R0K 2A0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 008 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**4 Wing Cold Lake**

Major Equipment Section

4 Wing Cold Lake SUP FLT Bldg 171

Cold Lake, AB T9M 2C6

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 009 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**CFB ASU Kingston**  
Major Equipment Section  
5 Somme Avenue Bldg C36  
Kingston, ON K7K 5L0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 010 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**CFB Montreal Garnison St-Hubert**  
Section Équipement Majeur  
Montreal, QC

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 011 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Firm Quantity)**

The Contractor must deliver the FWTRD including manuals for the FWTRD system, supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The FWTRD and related items must be delivered to:

**CFB ASU Wainwright Base Supply**

Major Equipment Section

Bldg 593

Denwood, AB T0B 1B0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 012 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment set, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**CFB ASU SUP Edmonton**

Major Equipment Section

Replenishment Company (CMTT)

107 Street & 137 Avenue Bldg C8

Edmonton, AB T5J 4J5

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 013 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**CFB ASU Petawawa**  
Major Equipment Section  
Petawawa, ON K8H 2X3

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 014 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**BFC USS Valcartier**

Section d'équipement majeur

BAT. 188 (PON COMB)

Garnison Valcartier

Courcelette, QC G0A 4Z0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 015 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**3 ASG GAGETOWN Supply Company**

Major Equipment Section

Bldg B10

Oromocto, NB E2V 4J5

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

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**Item 016 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**CFB Borden**

Major Equipment Section

Bldg O-111

Borden, ON L0M 1C0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 017 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**17 Wing Winnipeg**

Major Equipment Section

Bldg 129, Logistics Bldg, Door 13

Winnipeg, MB R3J 3Y5

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: Two (2)**

**Item 018 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**CFB ASU Shilo**

Major Equipment Section

Base Supply C-101

Shilo, MB R0K 2A0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Iem 019 TRAILER, FWTRD  
(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**CFB Montreal Garrison St-Hubert**  
Section Équipement Majeur  
Montreal, QC

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 020 TRAILER, FWTRD**  
**(Firm Quantity)**

The Contractor must deliver the FWTRD trailer including supplementary provisioning technical documentation, special tools and test equipment, and warranty letter(s), in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The trailer and related items must be delivered to:

**CFB ASU Wainwright Base Supply**  
Major Equipment Section  
Bldg 593  
Denwood, AB T0B 1B0

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

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**Item 021 OPERATOR/MAINTENANCE TRAINING COURSE  
FOR THE FIFTH WHEEL TOWING AND RECOVERY DEVICE SYSTEM  
(Firm Quantity)**

The Contractor must deliver the Operator/Maintenance Training Course in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The course must be provided at:  
**CFB Edmonton**

Firm unit price of \$ \_\_\_\_\_ per serial, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 022 OPERATOR/MAINTENANCE TRAINING COURSE  
FOR THE FIFTH WHEEL TOWING AND RECOVERY DEVICE SYSTEM  
(Firm Quantity)**

The Contractor must deliver the Operator/Maintenance Training Course in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The course must be provided at:  
**CFB Petawawa**

Firm unit price of \$ \_\_\_\_\_ per serial, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 023 OPERATOR/MAINTENANCE TRAINING COURSE  
FOR THE FIFTH WHEEL TOWING AND RECOVERY DEVICE SYSTEM  
(Firm Quantity)**

The Contractor must deliver the Operator/Maintenance Training Course in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The course must be provided at:

**CFB Borden**

Firm unit price of \$ \_\_\_\_\_ per serial, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 024 OPERATOR/MAINTENANCE TRAINING COURSE  
FOR THE FIFTH WHEEL TOWING AND RECOVERY DEVICE SYSTEM  
(Firm Quantity)**

The Contractor must deliver the Operator/Maintenance Training Course in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The course must be provided at:

**CFB Valcartier**

Firm unit price of \$ \_\_\_\_\_ per serial, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 025 OPERATOR/MAINTENANCE TRAINING COURSE  
FOR THE FIFTH WHEEL TOWING AND RECOVERY DEVICE SYSTEM  
(Firm Quantity)**

The Contractor must deliver the Operator/Maintenance Training Course in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

The course must be provided at:

**CFB Gagetown**

Firm unit price of \$ \_\_\_\_\_ per serial, in accordance with Basis of Payment Type 1 (as detailed at Clause 6.1 Basis of Payment).

**Quantity: One (1)**

**Item 026 FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD)  
(Optional Quantity)**

If this option is exercised, the Contractor must deliver the FWTRD including the approved manuals for the FWTRD system, special tools and test equipment set, and warranty letter(s), in accordance with the attached Annex ‘B’ - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

1st Year - 1st 12 months from Date of Contract award

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items if applicable', in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

2nd Year - month 13 to 24 from Date of Contract award

Firm unit price of \$ \_\_\_\_\_ per FWTRD, including all equipment and related items if applicable, in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment)

**Quantity: Up to two (2)**

**Item 027 TRAILER, FWTRD (Optional Quantity)**

If this option is exercised, the Contractor must deliver the FWTRD trailer including special tools and test equipment set, and warranty letter(s), in accordance with the attached Annex ‘B’ - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

1st Year - 1st 12 months from Date of Contract award

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items if applicable', in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

2nd Year - month 13 to 24 from Date of Contract award

Firm unit price of \$ \_\_\_\_\_ per trailer, including all equipment and related items if applicable, in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment)

**Quantity: Up to two (2)**

**Item 028 OPERATOR/MAINTENANCE TRAINING COURSE  
FOR THE FIFTH WHEEL TOWING AND RECOVERY DEVICE SYSTEM  
(Optional Quantity)**

If this option is exercised, the Contractor must provide **up to Qty 5 serials**, in accordance with the attached Annex "B" - Technical Specifications for a Fifth Wheel Towing and Recovery Device (FWTRD) System dated 26 June 2013.

1st Year - 1st 12 months from Date of Contract award

Firm unit price of \$ \_\_\_\_\_ per serial in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

2nd Year - month 13 to 24 from Date of Contract award

Firm unit price of \$ \_\_\_\_\_ per serial in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment)

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>), 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.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

**Item 029 Optional Extended Warranty Period for the FWTRD**

**Optional warranty coverage available: YES \_\_\_\_\_ NO \_\_\_\_\_**

If yes, Canada requests that the Bidder provide details and pricing information of any optional extended warranty period available for the FWTRD and any related items.

*(This item will not be included in the financial evaluation)*

Solicitation No. - N° de l'invitation

W8476-144728/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp539W8476-144728

Buyer ID - Id de l'acheteur

hp539

CCC No./N° CCC - FMS No/ N° VME

W8476-144728

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If exercised, the warranty period will be extended for an additional period of \_\_\_\_\_ months/calendar days.

Firm unit price of \$\_\_\_\_\_ Basis of Payment Type 2 (as detailed in Part 6)

**Item 030 Optional Extended Warranty Period for the FWTRD Trailer**

**Optional warranty coverage available: YES \_\_\_\_\_ NO \_\_\_\_\_**

If yes, Canada requests that the Bidder provide details and pricing information of any optional extended warranty period available for the trailer and any related items.

*(This item will not be included in the financial evaluation)*

If exercised, the warranty period will be extended for an additional period of \_\_\_\_\_ months/calendar days.

Firm unit price of \$\_\_\_\_\_ Basis of Payment Type 2 (as detailed in Part 6)

# **TECHNICAL SPECIFICATIONS FOR A FIFTH WHEEL TOWING AND RECOVERY DEVICE (FWTRD) SYSTEM**

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## **1. SCOPE**

### **1.1 Scope**

1.1.1 This document describes the technical and integrated logistics support requirements for a Fifth Wheel Towing and Recovery Device (FWTRD) system. The technical requirements for the Fifth Wheel Towing and Recovery Device ("FWTRD") portion of the system are described in section 3 below and the requirements for the Fifth Wheel Towing and Recovery Device trailer ("FWTRD Trailer") portion of the system are described in section 4 below. The FWTRD system will be mounted on Canadian Forces military and commercial tractors and will serve as a multi-use recovery asset to be used to extract and recover the full range of vehicles employed in the CF.

1.1.2 The FWTRD system will operate as a high speed, heavy-duty, under-lift towing device and backloading asset that expressly utilizes the tractor fifth wheel coupling as the only connection between the pulling tractor and the casualty vehicle during a towing / recovery operation.

### **1.2 Operational Role**

1.2.1 The FWTRD system shall operate on highways, secondary roads, over cross country and over off-road conditions (trails).

1.2.2 The FWTRD system and all related components shall operate safely and efficiently in all environmental conditions including rain, mud, snow and ice in the temperature range of -46°C to +44°C.

## **2. DEFINITIONS**

### **2.1 Proof of Compliance**

2.1.1 Proof of Compliance is defined as a document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software. The document shall provide detailed information on each performance requirement and/or specification. Where a document submitted as Proof of Compliance does not cover all the performance requirements and/or specifications or when no such document is available or when modifications to the original equipment or customization are required to achieve the performance requirements and/or specifications, a Certificate of Attestation (as a separate document) signed by a senior engineer representing the Original Equipment Manufacturer (OEM) detailing the modifications and how they meet the performance requirements and/or specifications shall be provided. The certificate shall detail all performance requirements and/or specifications required to substantiate compliance. One certificate can be provided for one or all performance requirements and/or specifications.

## **2.2 Metric and conversion**

2.2.1 Metric measurements shall be used to define the requirement. Other measurements are for reference only and may not be exact conversions

## **3. TECHNICAL REQUIREMENTS – FWTRD**

### **3.1 Standard Design**

3.1.1 The FWTRD shall be based on the manufacturer's latest model.

3.1.2 The FWTRD shall be based on an equipment model having demonstrated defense industry acceptability by having been manufactured and sold commercially to this industry.

3.1.3 The FWTRD shall include all components, equipment and accessories normally supplied for this application, although they may not be specifically described in this document.

3.1.4 The FWTRD shall use a suspend tow or support tow technique using either a stinger or underlift when towing military vehicles. For the purpose of this specification, the terms 'tow' or 'towing' are understood to mean either 'suspend tow' or 'support tow'.

### **3.2 Payload / Capacity**

3.2.1 The FWTRD shall have a minimum vertical lift capacity at the fifth wheel of no less than 13,605 kg (30,000 lbs) over all terrains and conditions.

3.2.2 The FWTRD shall be rated to tow in a Gross Combined Weight Rating (GCWR) combination of up to no less than 54,420 kg (120,000 lbs) over all terrains and conditions.

3.2.3 The FWTRD shall be provided with one (1) 2.0 inch kingpin and one (1) 3.5 inch kingpin that are interchangeable to the operational location. A stowage location shall be provided for the second kingpin while is not in use in the operational location. Any tools required to change kingpins shall be provided and securely stored when not in use.

### **3.3 Performance**

3.3.1 The FWTRD shall operate at a highway cruising speed of at least 80 km/h with or without a casualty vehicle attached.

3.3.2 The FWTRD shall operate at a speed of at least 50 km/h on unimproved roads (dirt surface, washboard, ruts, potholes, etc) with or without a casualty vehicle attached.

3.3.3 The FWTRD shall operate over off-road terrain at a nominal speed of 15 km/h with or without a casualty vehicle attached.

3.3.4 The FWTRD shall be able to operate while the tractor climbs and descends a 30% grade with or without a casualty vehicle attached.

3.3.5 The FWTRD shall operate while the tractor is fording a hard bottom water obstacle to a depth of 500 mm without preparation with a casualty vehicle attached.

3.3.6 The FWTRD shall secure to the casualty vehicle and shall depend solely on the fifth wheel kingpin as the single mechanical interface to the towing tractor while a casualty is under tow.

3.3.7 The FWTRD shall be installed on a tractor, with fifth wheel heights varying from 1.17m (46") to 1.63m (64"), by a trained operator in no longer than ten minutes. The installation shall not require the use of material handling equipment such as cranes or forklifts.

3.3.8 The FWTRD shall be removed from a tractor by a trained operator in no longer than ten minutes. The removal shall not require the use of material handling equipment such as cranes or forklifts.

3.3.9 The FWTRD shall be provided with guards to prevent road debris from spraying above and beyond the underside of the unit while in transit or while towing a casualty.

3.3.10 The FWTRD shall tow the light, medium and heavy military and civilian trucks that are used in the Canadian Forces. These vehicles are cab on frame based vehicles of conventional and cab over designs. The FWTRD shall support or suspend tow from the front and rear of these vehicles. The heaviest of the wheeled truck fleet is the AHSVS Wrecker with a gross vehicle weight of 33,600 Kg.

3.3.11 The FWTRD shall of tow the armoured fleet of wheeled military vehicles that are used in the Canadian Forces. These vehicles are a monocoque structure and are fitted with multiple fittings for D-Rings, chain clevises and towing and tie down points to secure the FWTRD. The FWTRD shall support or suspend tow from the front and rear of these vehicles. The heaviest of the armoured wheeled fleet is the LAV UP with a gross vehicle weight of 25,000 kg.

3.3.12 The FWTRD shall support or suspend tow the full range of wheeled military vehicles used in the Canadian Forces without off loading the front steering axles of the tractor.

3.3.13 The FWTRD shall be provided with all the airlines and air couplers (gladhands) to connect the Service and Emergency airlines to the tractor and to the recovered vehicle. The FWTRD shall be provided with a trailer air break away valve to apply the casualty brakes immediately should the FWTRD become disconnected from the tractor during a towing event.

### **3.4 Electrical System / Features**

3.4.1 The FWTRD shall have a self contained electrical system to power the unit that of operates independently of either the towing tractor or the casualty vehicle. The system shall

provide functionality of all the electrical and hydraulic systems on the FWTRD without connecting to either the tractor or the casualty.

3.4.2 The FWTRD shall be provided with a power cable that allows the unit to be plugged into and powered when attached to a military tractor. The cable shall be fitted with a Type 1 plug connector (IAW STANAG 4074) to attach to the auxiliary start receptacle on the tractor. The FWTRD shall accept 24 VDC power through the cable in order to operate the unit. The cable shall extend no less than 6m (20 ft) forward of the front edge of the FWTRD.

3.4.3 The FWTRD shall be provided with a light bar fitted with a combination of commercial lights (including taillights, stop lights and turn signals) and military blackout lights. The light bar shall be provided with the necessary fixtures (cords, straps, etc ...) to secure it to the rear of the casualty vehicle. The light bar shall be provided with a cord of no less than 18.3 m (60 ft). The light bar system shall operate from the electrical lighting systems of both military and commercial tractors. The FWTRD shall be provided with trailer lighting receptacles and cables that facilitate the connection of the unit to both military vehicles (employing 24 volt, 12 Pin receptacles IAW STANAG 2601) and commercial vehicles (employing 12 volt, 7 pin receptacles).

3.4.4 The FWTRD shall be provided with orange emergency rotating beacon lights (strobe lights) to serve as a warning that the vehicle combination is in a towing / recovery operation.

3.4.5 The FWTRD shall be provided with a handheld remote control that operates all systems on the unit without having to manipulate the stationary controls. The remote shall have a cable length of no less than 12.2m (40 ft). The remote shall have secure storage on the unit when not in use.

3.4.6 The FWTRD electrical system shall be provided with a solar powered battery charger of a sufficient size and capacity to offset any parasitic electrical loads and to maintain the state of charge in the batteries.

3.4.7 The FWTRD shall be provided with a work lamp that will be used for general lighting while connecting and disconnecting casualty vehicles in low light conditions. The work lamp shall have a mounting point on the FWTRD to provide general illumination to the area when connecting or disconnecting a casualty vehicle. The work lamp shall also be able to be used mobile on a power cord of no less than 15m (50 ft) long.

### **3.5 Hydraulic System / Features**

3.5.1 The FWTRD shall be provided with a fixed hydraulic control station that operates all hydraulic features on the unit. The station shall be mounted on the roadside of the FWTRD.

3.5.2 The FWTRD shall be provided with hydraulic wetlines (supply and return) that allow the hydraulic system to operate from the tractor hydraulic system. Quick-connect fittings shall be provided to attach wetlines to the FWTRD and dust caps shall be provided to protect the fittings

when the wetlines are not attached.

### **3.6 Winches – Recovery / Auxiliary**

#### **3.6.1 Recovery Winch:**

3.6.1.1 The FWTRD shall be provided with a recovery winch to allow an operator to extricate a casualty vehicle when they have become disabled and are not immediately accessible to attach the FWTRD. In such a situation, the casualty may have been involved in an accident, may have left the main roadway, may be mired in mud or stuck in snow.

3.6.1.2 The recovery winch shall have a capacity of no less than 155,000 N (35,000 lbs) rated line pull on the first layer of wire rope.

3.6.1.3 The winch cable shall have a minimum length of 45m (150ft).

3.6.1.4 The recovery winch shall be able to recover a vehicle directly to the rear of the tractor and up to no less than ninety (90) degrees forward of the fore / aft axis of the tractor on both sides of the tractor.

3.6.1.5 Any accessories required to accomplish this task shall be provided and shall have secure stowage space on the FWTRD when not in use.

#### **3.6.2 Auxiliary Winch:**

3.6.2.1 The FWTRD shall be provided with an auxiliary winch to manipulate the casualty vehicle into place when setting up to attach and secure the casualty vehicle to the FWTRD.

3.6.2.2 The winch shall have a capacity of no less than 80,000 N (18,000 lbs) rated line pull on the first layer of wire rope.

3.6.2.3 The auxiliary winch shall have a mechanism to ensure the wire rope spools onto the winch drum evenly.

3.6.3 The FWTRD shall be provided with the capability to utilize a tractor mounted recovery winch for rear recovery operations. This capability shall provide the necessary fixtures to allow the tractor's winch cable to be payed-out rearward of the vehicle no less than +/- 10 degrees to either side from the fore / aft axis of the tractor. Any components or accessories necessary for the FWTRD to facilitate this operation and anchor the tractor for the recovery operation shall be provided.

### **3.7 Paint and Surfaces**

3.7.1 The FWTRD shall be coated with a Chemical Agent Resistant Coating (CARC) system IAW MIL-DTL-53072D w/Amendment 1.

3.7.2 The FWTRD shall be finished with a lustreless Camouflage Green 383, paint colour 34094, in accordance with (IAW) FED-STD-595.

3.7.3 All dedicated hand holds / foot surfaces shall have a non-slip / positive grip design to function during all weather conditions.

### **3.8 Accessories**

3.8.1 Cribbing Blocks: The FWTRD shall be provided with cribbing blocks to serve as shims to prevent metal to metal contact between the components of the casualty vehicle and the FWTRD. The blocks shall be made of a dense, synthetic, wear resistant material.

3.8.2 Chains and load binders shall be provided with the FWTRD to facilitate recovery and provide safety and securing of the casualty to the FWTRD.

3.8.3 Shackles shall be provided with the FWTRD to facilitate recovery and provide safety and securing of the casualty to the FWTRD.

3.8.4 Snatch Block: A 20 ton snatch block shall be provided with the FWTRD for use with the winches in order to conduct two-to-one (2 : 1) pulls for manipulating loads as required (Ref NSN 3940-01-566-8125).

3.8.5 Recovery Strap: The FWTRD shall be provided with Qty 2, 20 ton WLL synthetic recovery straps. The recovery straps shall have a loop / eye at each end and shall be no less than 7.6m (25 ft) long.

3.8.6 Stowage: The FWTRD shall be provided with secure stowage and stowage cabinet(s), as applicable, to secure and protect all towing attachments and accessories provided with the unit. Stowage cabinets shall protect the contents from the environment and shall have a locking mechanism to accept a padlock IAW ASTM F883-04, requirement F2S2.

### **3.9 Identification / Data Plates**

3.9.1 An identification plate shall be permanently affixed in a conspicuous and protected location with the manufacturer's name, model number, serial number, model year and load ratings.

3.9.2 Warning and equipment operation instruction plates shall be in accordance with SAE J115. The plates shall be within view of the operator and should make use of graphic symbols as defined in SAE J1362.

3.9.3 All written identification and data plates shall be bilingual (English and French).

## **4. TECHNICAL REQUIREMENTS – FWTRD Trailer**

### **4.1 Standard Design**

4.1.1 The FWTRD Trailer shall be based on the manufacturer's latest model.

4.1.2 The FWTRD trailer shall be based on an equipment model having demonstrated defense industry acceptability by having been manufactured and sold commercially to this industry.

4.1.3 The FWTRD Trailer and all components shall conform to all applicable laws, regulations and industry standards governing manufacture and usage in effect for the model year of the FWTRD Trailer.

4.1.4 The FWTRD Trailer shall be able to connect to and disconnect from the FWTRD in no longer than 10 minutes. Any components, fixtures or tools required to connect or disconnect the FWTRD Trailer shall be provided with the FWTRD Trailer and shall be securely stored on the FWTRD Trailer.

4.1.5 The FWTRD Trailer shall include all components, equipment and accessories normally supplied for this application, although they may not be specifically described in this document.

### **4.2 Payload / Capacity**

4.2.1 The FWTRD Trailer shall have a minimum payload capacity of 31,750 kg (70,000 lbs) over all terrains and conditions when connected to the FWTRD.

4.2.2 The FWTRD Trailer shall incorporate a ramp or tilt bed system that provides the ability to load casualty vehicles from the ground.

4.2.3 The FWTRD Trailer shall have solid, continuous load deck with a series of flush mounted D-Rings that facilitate securing and tying down of casualty vehicles.

4.2.4 The FWTRD Trailer shall have a load deck with a useable length of no less than 7.6 m (25 ft).

4.2.5 The FWTRD Trailer shall have a load deck with a fixed, useable width not to exceed 2.59m (102 in). The load deck shall be expandable to a width of no less than 2.9m (114 in).

4.2.6 The FWTRD Trailer load deck shall have an anti-skid, wear resistant surface.

### **4.3 Performance**

4.3.1 The FWTRD Trailer shall operate at a highway cruising speed of at least 80 km/h without a load and with a load up to the maximum payload capacity.

4.3.2 The FWTRD Trailer shall operate at a speed of at least 50 km/h on secondary roads (dirt surface, washboard, ruts, potholes, etc) without a load and with a load up to the maximum payload capacity.

4.3.3 The FWTRD Trailer shall operate over off-road terrain at a speed of up to 15 km/h without a load and with a load up to the maximum payload capacity.

4.3.4 The FWTRD Trailer shall ford a hard bottom water obstacle to a depth of 500 mm without preparation.

4.3.5 The FWTRD Trailer shall be provided with mud flaps / guards to prevent road debris from spraying above and beyond the underside of the unit while in operation.

#### **4.4 Electrical System / Features**

4.4.1 The FWTRD Trailer shall be provided with a trailer lighting system that interfaces with the electrical system on the FWTRD. The FWTRD Trailer shall be fitted with the necessary military blackout lighting assemblies as well as the required commercial lighting assemblies.

#### **4.5 Brake System**

4.5.1 The FWTRD Trailer shall be fitted with an air brake system that interfaces with and connects to the FWTRD. The brake system shall comply with Canadian Motor Vehicle Safety Standard (CMVSS) 121.

#### **4.6 Paint and Surfaces**

4.6.1 The FWTRD Trailer shall be coated with a Chemical Agent Resistant Coating (CARC) system IAW MIL-DTL-53072D w/Amendment 1.

4.6.2 The FWTRD Trailer shall be finished with a lustreless Camouflage Green 383, paint colour 34094, in accordance with (IAW) FED-STD-595.

4.6.3 All dedicated hand holds / foot surfaces shall have a non-slip / positive grip design to function during all weather conditions.

#### **4.7 Accessories**

4.7.1 The FWTRD Trailer shall be provided with all the special tools and accessories that are required to use and operate the unit.

#### **4.8 Identification / Data Plates**

4.8.1 The FWTRD Trailer shall have an identification plate permanently affixed in a conspicuous and protected location with the manufacturer's name, model number, serial number,

model year and load ratings.

4.8.2 Warning and equipment operation instruction plates shall be in accordance with SAE J115. The plates shall be within view of the operator and should make use of graphic symbols as defined in SAE J1362.

4.8.3 All written identification and data plates shall be bilingual (English and French).

## **5. INTEGRATED LOGISTICS SUPPORT (ILS) REQUIREMENTS**

### **5.1 Operators Manual**

5.1.1 An Operator's Manual shall be provided for the FWTRD system. The operator's manual shall include instructions for safe operation, daily operator maintenance instructions/checks (including lubrication) and all applicable safety warnings.

5.1.2 The Operator's Manual shall be delivered in a bilingual (English and French) format.

5.1.3 The Operator's Manual shall be delivered in an electronic format (.pdf) to the technical authority and a hard copy of the manual shall be delivered with each FWTRD system.

### **5.2 Maintenance Manual**

5.2.1 A Maintenance Manual shall be provided for the FWTRD system and it shall contain information on the order of disassembly and assembly of the systems and components of the system. The manual shall include a trouble shooting guide, showing the steps and tests required to determine the exact cause of a problem and an explanation of what steps would be required to correct a problem. The manual shall include listings of the necessary tolerances, torque levels, fluid volumes required. The manual shall include a listing of any special tools (including item part numbers) required to conduct maintenance.

5.2.2 The Maintenance Manual shall be delivered in a bilingual (English and French) format.

5.2.3 The Maintenance Manual shall be delivered in an electronic format (.pdf) to the technical authority and a hard copy of the manual shall be delivered with each FWTRD system.

### **5.3 Parts Manual**

5.3.1 A Parts Manual shall be provided for the FWTRD system. The manual shall contain illustrations showing all components of the FWTRD system. The illustrations shall have numbers for the itemization of the parts on the illustrations. The manual shall provide a listing for all itemized parts showing the manufacturer's part number for the items shown on the illustration, the part name and a brief description of the item. The manual shall also identify the NSN for each part if an NSN exists.

5.3.2 The Parts Manual shall be delivered in a bilingual (English and French) format.

5.3.3 The Parts Manual shall be delivered in an electronic format (.pdf) to the technical authority and a hard copy of the manual shall be delivered with each FWTRD system.

## **5.4 Sample Manuals**

5.4.1 The sample manuals, including all of the above, shall be delivered to the Technical Authority 15 working days before delivery of the equipment. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days;

## **5.5 Training**

5.5.1 A combined operator / maintainer course shall be delivered over a five (5) day period with 40 hours of instruction for up to six (6) students per serial.

5.5.2 The operator portion of the course shall provide the trainees with a detailed knowledge of the FWTRD system, its design, function, safety features and precautions, handling, and operator maintenance. The course shall provide every trainee with the opportunity to operate the FWTRD system. The trainees shall be instructed in safety precautions to be observed while preparing, storing, operating and servicing the equipment, operating characteristics, operating procedures, pre-operating and storage procedures and servicing procedures.

5.5.3 The maintenance portion of the course shall provide the trainees with the basic knowledge of common faults, trouble shooting, special tools, maintenance and repair of the FWTRD system. The course shall cover corrective and preventative maintenance.

5.5.4 An electronic copy (.pdf) and a hard copy of each of the instructor's and the student's training course material shall be provided to the technical authority within 15 working days before delivery of the equipment. Course materials shall be provided in both French and English. Course materials will not be returned. The Technical Authority will provide manual approval or comments within 30 days.

5.5.5 The operator / maintenance course shall be provided in location at a CF base within 30 days of the FWTRD and trailer being delivered to the base.

5.5.6 Training shall be available in both official languages for destinations in the Province of Quebec or as requested by the Technical Authority.

5.5.7 A proof of operator/maintainer instruction completion shall be provided through an Instruction Completion Form. The Form shall be completed and signed by an authorized representative. The form shall accompany the payment invoice. The Technical Authority will provide the Instruction Completion Form.

## **5.6 Provisioning Documentation**

5.6.1 Provisioning Documentation (PD) shall be provided to ensure the equipment is able to be supported initially and throughout its service life. The PD refers to the various types of documentation and information needed by DND to conduct a logistic support analysis. The following types of PD shall be submitted with the bid proposal by bid closing date and time.

5.6.1.1 Recommended Spare Parts List (RSPL) is a list of spare parts deemed necessary to maintain the equipment and associated EIS for a period of two years exclusive of any warranty period. The RSPL shall include pricing information.

5.6.1.2 Equipment Issuance Scale (EIS) is the list of support equipment and basic items that come with each piece of equipment and is required to safely and effectively operate the equipment. Examples of basic issue items could include shackles, chains, fire extinguisher, straps etc

## **5.7 Supplementary Provisioning Technical Documentation (SPTD)**

5.7.1 Supplementary Provisioning Technical Documentation (SPTD) is a detailed elaboration of the PD and is required in order to identify, select, catalogue, procure and distribute initial support spares. The SPTD shall be provided to the technical authority 30 days before the delivery of the first FWTRD and trailer, and include the following:

5.7.1.1 Provisioning Parts Breakdown (PPB) is a top down categorization of the equipment which is being procured. In this breakdown, all assemblies, subassemblies and parts shall be listed in relation to the next higher assembly, along with technical drawings and manufacturer part numbers.

5.7.1.2 Permissive repair schedule (PRS) shall indicate the frequency, scope and duration of preventative and corrective maintenance requirements under normal operating conditions. The PRS shall include both operator and maintenance tasks along with the duration in hours for each.

5.7.1.3 Master Data Protocol (MDP) is a MS Excel template used by DND to facilitate the integration of contractor supplied information relating to equipment and spare parts. This template has been designed to be compatible with the Defense Resource Management Information System (DRMIS). The MDP replaces the requirement for the Provisioning Documentation Selection Sheet (PDSS), but is nonetheless very detailed and may require up to 15 data fields per line item spread over several tabs. Typical data fields include manufacturers' parts number, Nato Stock Number (NSN) and equipment technical attributes.

## **5.8 Special Tools and Test Equipment (STTE)**

5.8.1 As applicable, a Special Tools and Test Equipment set shall be provided for the FWTRD system. This set shall include all special tools required to maintain and repair the FWTRD system.

## **5.9 Warranty letters**

5.9.1.1 Warranty letters for all the FWTRD systems shall be provided to the TA within 15 days of the delivery of the last piece of equipment .

### **REFERENCES:**

STANAG: <http://nsa.nato.int/nsa/nsdd/ListPromulg.html>

MIL-DTL: <http://www.everyspec.com/MIL-SPECS/MIL-SPECS-MIL-DTL>

FED-STD: <http://www.fed-std-595.com>

ASTM: <http://www.astm.org/Standards/>

SAE: <http://standards.sae.org>

CMVSS: <http://www.tc.gc.ca/eng/roadsafety/>

# Technical Information Questionnaire (TIQ) for a Fifth Wheel Towing and Recovery Device (FWTRD) system

This questionnaire covers the technical information which **shall** be provided for the technical evaluation of the recovery system. This questionnaire covers the technical specifications for both the FTWRD and the FWTRD Trailer.

Where the specification paragraphs below indicate ‘**Proof of Compliance**’, the ‘**Proof of Compliance**’ **shall** be provided for each performance requirement/specification contained in this questionnaire.

Bidders should indicate the document name/title and page number where the proof of compliance can be found.

## **Contractor Information**

Company Name:

Name of representative:

Date:

Appendix 1 to Annex “B”  
 Technical Specifications for a Fifth Wheel  
 Towing and Recovery Device (FWTRD) System.

**Specification paragraphs for a Fifth Wheel Towing and Recovery Device system**

<b>PD REF</b>	<b>TECHNICAL REQUIREMENTS</b>	<b>DOCUMENT</b>	<b>PAGE</b>
<b>3.</b>	<b>FWTRD</b>		
<b>3.1</b>	<b>Standard Design - Proof of compliance</b>		
3.1.1	Make: _____  Model: _____		
3.1.2	Current technology used within a military application.		
3.1.4	Technical description of the underlift system.		
<b>3.2</b>	<b>Payload / Capacity - Proof of compliance</b>		
3.2.1	Vertical lift capacity at the fifth-wheel.		
3.2.2	Gross Combined Weight Rating (GCWR) over all terrains and conditions.		
<b>3.3</b>	<b>Performance - Proof of compliance</b>		
3.3.1	Highway mobility requirements.		
3.3.2	Unimproved road mobility requirements.		
3.3.3	Off-road terrain mobility requirements.		
3.3.4	Climbing and descending mobility requirements.		
3.3.6	Technical description of the mechanical interface between the towing tractor and the vehicle casualty.		
3.3.8	Installation and removal procedures.		
3.3.10	Ability to tow the light, medium and heavy military and civilian trucks that are used in the Canadian Forces.		
3.3.11	Ability to tow the armoured fleet of wheeled military vehicles that are used in the Canadian Forces.		

Appendix 1 to Annex “B”  
 Technical Specifications for a Fifth Wheel  
 Towing and Recovery Device (FWTRD) System.

3.3.12	Ability to tow the full range of wheeled military vehicles used in the Canadian Forces <u>without off loading</u> the front steering axles of the tractor.		
<b>3.4</b>	<b>Electrical System - Proof of compliance</b>		
3.4.1	Self contained electrical system description.		
3.4.2	Compatibility with military and civilian voltage requirements and receptacles.		
3.4.5	Handheld remote control description.		
<b>3.5</b>	<b>Hydraulic System / Features - Proof of compliance</b>		
<b>3.5.1</b>	Description of hydraulic control station.		
<b>3.5.2</b>	Hydraulic schematic.		
<b>3.6</b>	<b>Winches – Recovery / Auxiliary - Proof of compliance</b>		
3.6.1.2	Recovery winch capacity (first layer).		
3.6.1.3	Winch cable length in document.		
3.6.1.4	Ability to recover a vehicle directly to the rear of the tractor and up to no less than ninety (90) degrees forward of the fore / aft axis of the tractor on both sides of the tractor.		
3.6.2.2	Auxiliary winch capacity (first layer).		
3.6.3	Compatibility with tractor mounted winch.		
<b>4.</b>	<b>FWTRD TRAILER</b>		
<b>4.1</b>	<b>Standard Design - Proof of compliance</b>		
4.1.1	Make: _____  Model: _____		
4.1.2	Current technology used in military application.		
4.1.4	FWTRD Trailer connect and disconnect procedures.		
<b>4.2</b>	<b>Payload / Capacity - Proof of compliance</b>		
4.2.1	FWTRD Trailer shall have a minimum payload		

Appendix 1 to Annex “B”  
 Technical Specifications for a Fifth Wheel  
 Towing and Recovery Device (FWTRD) System.

	capacity over all terrains and conditions when connected to the FWTRD.		
4.2.2	Description of FWTRD Trailer a ramp or tilt bed system that provides the ability to load casualty vehicles from the ground.		
4.2.4	FWTRD Trailer load deck useable length.		
4.2.5	FWTRD Trailer load deck with a fixed, useable width.		
4.2.5	FWTRD Trailer load deck expandable to a width.		
<b>4.3</b>	<b>Performance - Proof of compliance</b>		
4.3.1	Highway mobility without a load and with a load up to the maximum payload capacity.		
4.3.2	Secondary roads mobility without a load and with a load up to the maximum payload capacity.		
4.3.3	Off-road terrain mobility without a load and with a load up to the maximum payload capacity.		
4.3.4	Ability to ford hard bottom water obstacles without preparation.		
<b>4.4</b>	<b>Electrical System / Features - Proof of compliance</b>		
4.4.1	Description of FWTRD Trailer lighting system that interfaces with the electrical system on the FWTRD.		
4.4.1	FWTRD Trailer wiring diagram.		
<b>4.5</b>	<b>Brake System Features - Proof of compliance</b>		
4.5.1	FWTRD Trailer fitted with an air brake system that interfaces with and connects to the FWTRD.		

## 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 such request by Canada will also render the bid non-responsive or will constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit HRSDC-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 HRSDC-Labour.

**OR**

- A5.2. The Bidder certifies having submitted the Agreement to Implement Employment Equity (LAB1168) to HRSDC-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 HRSDC-Labour.

B. Check only one of the following:

B1. The Bidder is not a Joint Venture.

**OR**

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