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REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

Proposal To: Public Works and Government
Services Canada

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

Proposition aux: Travaux Publics et Services
Gouvernementaux Canada

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

Comments - Commentaires

Title - Sujet Semi-Trailer, Low Bed, 45 Ton Capac	
Solicitation No. - N° de l'invitation W8476-155167/A	Date 2014-08-21
Client Reference No. - N° de référence du client W8476-155167	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-921-65580	
File No. - N° de dossier hp921.W8476-155167	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-10-01	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Falardeau, Guy	Buyer Id - Id de l'acheteur hp921
Telephone No. - N° de téléphone (819) 956-0591 ()	FAX No. - N° de FAX (819) 953-2953
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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

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

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

Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	CFB / ASU MONTREAL 5 AREA SUPPORT GROUP / TRANSPORT SECTION 6769 NOTRE DAME EAST, BLDG 7 SOUTH MONTREAL, QC. H1N 3R9	W8476	DEPARTMENT OF NATIONAL DEFENCE 101 COLONEL BY DR. ATT: DLP 5-5-1-2 OTTAWA Ontario K1A0K2 Canada



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	<p>Semi-Trailer, Low Bed, 45 Ton Capa city Firm Quantity - SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP, c/w all related items, in accordance with Annex 'B' - Purchase Description and Appendix 1- Technical Information Questionnaire.</p> <ul style="list-style-type: none"> Quantité ferme - SEMI-REMORQUE SURBAISSÉE DE 45 TONNES, A PLATEAU DE 7.3 METRE A HAUTEUR VARIABLE, HYDRAULIQUE, A COL DE CYGNE AMOVIBLE HAUTEUR VARIABLE, A TROIS ESSIEUX ET MUNIE D'UN DIABOLO A ESSIEU TANDEM, complet avec tous les éléments connexes en conformité avec Annexe 'B' - Description d'achat et Appendice 1 - Questionnaire de renseignements techniques 	D-1	W8476	1	Each	\$	XXXXXXXXXXXX	See Herein	

Solicitation No. - N° de l'invitation

W8476-155167/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hp921W8476-155167

Buyer ID - Id de l'acheteur

hp921

CCC No./N° CCC - FMS No/ N° VME

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NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods.

AVIS

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

31 July 2014

ANNEX "B"

PURCHASE DESCRIPTION FOR SEMI-TRAILER, LOW BED, 45 TONNE, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE, W/TANDEM AXLE JEEP

1. SCOPE

1.1 Scope. This document covers the requirement for a semi-trailer, low bed, 45 tonne payload, variable height 7.3 m deck, complete with removable variable height gooseneck and Jeep w/adapter. This trailer will be used primarily to transport heavy equipment on gravel and paved roads.

1.2 Instructions. The following instructions **shall** be applied to this Purchase Description:

- (a) Requirements, which are identified by the word "**shall**", are mandatory. Deviations will not be permitted.
- (b) Requirements identified with a "will" define actions to be performed by the Crown and require no action/obligation on the Contractor's part.
- (c) Where "**shall**", or "will" are not used, the information provided is for guidance only.
- (d) In this document "provided" **shall** mean, "provided and installed".
- (e) Where a standard is specified and the Contractor has offered an equivalent, that equivalent standard **shall** be provided, upon request.
- (f) Where certification is required, the Contractor **shall** provide the certification or acceptable proof of compliance, upon request.
- (g) Metric measurements **shall** be used as defining the requirement.
- (h) Dimensions stated as nominal **shall** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.3 **Definitions** - The following definitions **shall** be applied to the interpretation of this Purchase Description:

- (a) “Technical Authority” (TA) is the government official responsible for technical management of this requirement. The Technical Authority is the Director Support Vehicles Program Management.
- (b) “Technical Authority Approved Equivalent” means a standard, means, or component type, which has been evaluated by the Technical Authority and determined to meet the specified requirements for form, fit, function, and performance.

2. APPLICABLE DOCUMENTS

2.1 **Government Furnished Documents - NOT APPLICABLE**

2.2 **Other Publications** - The following documents form part of this Purchase Description. Web sites for the organization are given when available. Effective documents are those in effect on date of manufacture. Sources are as shown:

Canadian Motor Vehicle Safety Standards (CMVSS)
Transport Canada,
Road Vehicle and Motor Vehicle Regulation,
330 Sparks Street,
Ottawa, Ontario K1A 0N5
<http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>

Society of Automotive Engineers (SAE) Handbook
400 Commonwealth Dr.,
Warrendale, PA, 15096
<http://www.sae.org>

3. REQUIREMENTS

3.1 **Standard Design.** The system **shall**:

- (a) Be the manufacturer's latest model having demonstrated industry acceptability by having been manufactured and sold commercially for at least two years, or, **shall** be manufactured by a company that has at least five years experience in design and manufacturing of a comparable type of equipment of equivalent or greater complexity.
- (b) Have engineering certification available, upon demand, for this application from the original manufacturers of major equipment systems and assemblies.
- (c) Conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture.

- (d) Have system and component capacities not greater than their published ratings (i.e. product or component brochures).

3.2 Safety Standards

- (a) **Safety Regulations** - The system ***shall*** meet the provisions of the Canada Motor Vehicle Safety Act in effect on the date of manufacture of the system.

- (b) **Human Engineering and Safety**

- i. The Canadian Armed Forces (CAF) population of Users ***shall*** be able to safely use and operate the trailer / equipment.
- ii. The trailer / equipment ***shall*** have entry and exit points equipped with handles and steps appropriately sized and positioned to be employed by CAF users having anthropometric characteristics ranging from 95th percentile male characteristics to 5th percentile female characteristics. Where required for operator safety the trailer ***shall*** be equipped with safety features such as warning and instruction plates, non-slip walking surfaces and heat shields.

3.3 Maintainability All maintenance and repair tasks, especially routine operator maintenance, ***shall*** be easy to perform with a minimum of special tools and skills.

3.4 Operating Conditions The system, under all load conditions, ***shall*** operate safely and efficiently as follows without degradation in performance, reliability and maintainability:

- (a) On paved roads, gravel roads and dirt roads with severe washboard and pot holes.
- (b) In the temperature range of -40°C to 37°C.
- (c) With the stated payload under all operating conditions.

3.5 Trailer System. The trailer is referred to as a system. The system may consist of a jeep and trailer or any combination thereof to carry loads specified in this document.

3.5.1 Gross Axle Weight Rating (GAWR). The GAWR for each axle of the system ***shall*** be supplied by the manufacturer. The GAWR ***shall*** be demonstrated as a system for all load cases defined. All components of the axle system including; axle, brakes, tires, rims and suspension ***shall*** not exceed manufactures rated capacities of the individual components.

3.6 Common System Components

3.6.1 Dimensions

- (a) The system ***shall*** have a nominal width of 2,590 mm;
- (b) Each kingpin installed on the system ***shall*** have a nominal height of 1,219 mm; and

(c) System components **shall** have a nominal swing clearance of 2,133 mm.

(d) 51-mm kingpins **shall** be provided.

3.6.2 Brakes. The system **shall** be equipped with an anti-lock air disc brake system. The brake system **shall** be equipped as follows:

(a) The system **shall** be equipped with remote cable operated drain valves.

(b) The brakes **shall** be equipped with automatic slack adjusters.

(c) The brakes **shall** be equipped with brake housing dust shields.

(d) The system **shall** be equipped with colour coded glad hand couplers with dummy glad hand couplers including a safety chain for each glad hand.

3.6.3 Axles. The system **shall** be equipped with manufacturer's standard axles appropriate to carry maximum payload specified in this document.

3.6.4 Suspension

(a) The suspension **shall** have a manual suspension air dump valve for each component of the system;

(b) An air gauge to assist the operator in evenly distributing the load throughout the system **shall** be provided;

(c) Suspension travel limiters **shall** be provided. These devices prevent suspension over-travel while slinging or lifting the trailer for decking or sea transport. The devices **shall** be cables or chains fastened to the suspension beam or axle and the under frame at a length approximately equal to or less than the shock absorber extended stroke. The use of shock absorbers as travel limiters is not acceptable.

3.6.5 Tires and Wheels. The wheels, tires and rims **shall** be common for the complete system.

(a) The tires **shall** have size and ply ratings which comply with Tire and Rim Association Standards.

(b) The tires **shall** have sufficient load ratings capable of handling max load capacity of the trailer.

(c) The system **shall** have tire pressures marked near each of the tire locations.

(d) The rims **shall** be non-polished aluminum rims.

(e) A hubodometer reading in kilometers **shall** be provided for each component of the system.

(f) Each wheel station **shall** be equipped with loose wheel nut indicators.

3.6.6 Electrical System

- (a) The electrical system ***shall*** be a 12-volt negative ground electrical system.
- (b) Lights and reflectors ***shall*** be recessed or otherwise protected from damage.
- (c) The electrical system ***shall*** have a standard 7-pin trailer receptacle.
- (d) All components ***shall*** be easily accessible for servicing.
- (e) **Protected Wiring and Workmanship**. The wiring ***shall*** be protected by design and positioning to prevent damage and contact with spilled hydrocarbon fuels. This ***shall*** meet the minimum requirements of NFPA 407 (paragraph referring to **Vehicle Lighting and Electrical Equipment**). This ***shall*** include as a minimum electrical wiring used for the connection to the tractor vehicle designed for heavy-duty use, with positive engaging connectors, which are mounted securely to the trailer.
- (f) All wiring ***shall*** be protected by grommets when passing through metal. The harnesses ***shall*** be sealed harnesses and all connections treated with dielectric grease.

3.6.7 Lighting

- (a) The lighting system ***shall*** conform to CMVSS 108 requirements.
- (b) All lighting ***shall*** be LED.

3.6.8 **Landing Gear**. Individual system components ***shall*** be equipped with inter-connected two-legged landing gear.

3.6.9 Miscellaneous Equipment

- (a) **Equipment Location**. All systems and components ***shall*** be properly located and/or protected from road hazards such as water, mud and gravel.
- (b) **Towing Points**. Two rear towing points positioned with sufficient strength to permit recovery ***shall*** be provided.
- (c) **Mud Flaps**. Black rubber mud flaps rear of the rear axles of each system component ***shall*** be provided. The mud flaps ***shall*** be black in colour without logos or markings.
- (d) **Conspicuity Tape**. Strips of reflective tape ***shall*** be applied in accordance with Transport Canada regulations.
- (e) **Licence Plate Holder**. An illuminated licence plate holder ***shall*** be provided at the rear of each component of the system.
- (f) **Document Holder**. A document holder ***shall*** be provided for each component of the

system. The holder **shall** be installed on the left front of each component.

3.6.10 Speed. The trailer system **shall** be capable of being towed at a speed of 105 km/h at rated maximum payload.

3.7 Jeep. A tandem axle with flip extension, dual wheel, with air suspension and landing legs **shall** be provided.

3.7.1 Capacity. The jeep **shall** be capable of carrying an evenly distributed load at maximum capacity.

3.8 Semi-Trailer. A tridem, dual wheel, axle semi-trailer **shall** be provided.

3.8.1 Payload. The trailer **shall** be capable of carrying a uniformly distributed load of 45 000 kg.

3.8.2 Dimensions. The following nominal dimensions **shall** be provided:

- (a) Overall width - 2,615 mm, extendable to 3,048 mm through the use deck extensions.
- (b) Variable height deck length - 7.3 m.
- (c) Total working deck length - 12 m.
- (d) The kingpin setback - 406 mm from the nose of the gooseneck.

3.8.3 Chassis and Auxiliary Power Systems

(a) Auxiliary Engine Systems

- i. An engine to power the hydraulic system(s). The engine **shall** be located in the gooseneck and mounted on appropriate mounts to reduce vibration. Gasoline engines are preferred.
- ii. The engine compartment access door(s) **shall** be mounted on hinges that are designed to allow the door(s) to be swung open or lifted straight up.
- iii. Access to the engine **shall** be on the front and back of the gooseneck. This feature allows the operator access to the engine compartment when the trailer is transporting a load that prohibits the rear door(s) from being swung open.
- iv. The door(s) **shall** have means to stay open when the operator is working on the engine.
- v. The door(s) **shall** have louver(s) to allow air flow into the engine compartment.
- vi. All engine controls and instrument gauges mounted in an illuminated, weatherproof compartment **shall** be on the driver's side of the gooseneck.
- vii. A magnetic drain plug for the oil pan **shall** be provided.

- viii. Engine compartment heater ***shall*** be provided.
- ix. A 120-volt engine block/oil heater ***shall*** be provided.
- x. Engine compartment working lights. The light switch control ***shall*** be mounted in the weatherproof compartment stated in para vi.
- xi. The exhaust ***shall*** be directed away from all controls, wiring and hoses.

(b) **Shut-down Protection**

- i. An automatic low oil pressure shutdown device ***shall*** be provided.
- ii. An automatic high temperature shutdown device ***shall*** be provided.

(c) **Instruments**

- i. A temperature gauge ***shall*** be provided with integral lighting.
- ii. An oil pressure gauge ***shall*** be provided with integral lighting.
- iii. A voltmeter or ammeter ***shall*** be provided with integral lighting.
- iv. An hour meter ***shall*** be provided with integral lighting.

- (d) **Batteries**. Manufacturer's standard, heavy-duty maintenance free battery(s) ***shall*** be provided.

(e) **Filtration Systems**

- i. A dry type air filter with replaceable elements ***shall*** be provided.
- ii. Spin off replaceable oil and fuel filters ***shall*** be provided.

- (f) **Fuel Tank**. Manufacturer's standard fuel tank with a fuel gauge ***shall*** be provided.

- (g) **Spare Tires**. Two spare tire/wheel assemblies ***shall*** be provided. The spare tire/wheel assemblies ***shall*** be mounted as per manufacturer's standard.

(h) **Electrical System**

- i. A keyless ignition "Start/Stop" switch ***shall*** be provided.
- ii. A suitably sized alternator that will maintain the batteries fully charged ***shall*** be provided.
- iii.

- (i) **Auxiliary Lighting**. The auxiliary lighting system ***shall*** have the following features:

- i. Two detachable amber strobe lights, one at each rear corner of the trailer. The amber strobe lights ***shall*** be activated when the trailer running lights are activated.
- ii. Four adjustable working lights mounted on outside of engine compartment. Two ***shall*** be facing forward and two facing rearward. The light switch ***shall*** be mounted as per para 3.8.3.(a)vi.
- iii. Strobe light for the wide load sign. The light ***shall*** be activated when trailer running lights are activated.
- iv. Wide load pull-out lights at the front and rear corners.

3.8.4 Trailer Construction

- (a) The frame ***shall*** be reinforced for towing points.
- (b) The side extensions ***shall*** be equipped with suitable, removable planking. The planking ***shall*** be the length of the working/main deck.
- (c) The side extensions ***shall*** have the capacity to support a load equivalent to the deck area and ***shall*** have a lockable device to secure the side extensions in place. When not in use, the side extensions ***shall*** fold out of the way and flush with the top flange.
- (d) The trailer ***shall*** be equipped with two tapered, flip-up, ramps one on each side of the trailer. The ramps ***shall*** be located between the outside edge and the side of the gooseneck, and be as wide as possible. Ramps ***shall*** be secured while not in use. The ramps will be used to facilitate the loading of wheeled vehicles.
- (e) Two hinged bridging plates located between the main deck and the rear portion of the trailer over the axles ***shall*** be provided. These plates will allow wheeled vehicles to access the rear of the trailer, when the main deck is in its highest position, and ***shall*** be approximately the same width as the front flip-up ramps.
- (f) All pin and pivot holes ***shall*** be equipped with replaceable and/or greaseable bushings. The surface of each pin ***shall*** be knurled/spiralled to allow grease to encircle the pin and reach the end plate.
- (g) The main, 7.3 meter long, deck ***shall*** be capable of being lowered or raised to the following heights, through the main hydraulic system, complete with its full rated load;
 - i. Deck ground clearance in highest position - 787 mm.
 - ii. Deck ground clearance in lowest position - 250 mm.
- (h) A rack to stow a military pattern fuel container “Jerry can” ***shall*** be provided. The exact location of rack will be determined at the pre-production meeting. Full weight and dimensions of Jerry can are as follows:

- i. Total weight w/fuel is 22.5 kg.
- ii. 470 mm high.
- iii. 355 mm wide.
- iv. 165 mm thick.

3.8.5 **Deck Floor**

- (a) The deck floor ***shall*** be covered with rough fir planks of sufficient thickness to accommodate the load.
- (b) The deck floor ***shall*** be treated with Linseed oil or equivalent product.
- (c) The deck floor ***shall*** not have top wheel openings as this area will be used to transport vehicles or cargo.

3.8.6 **Features**. The following, with nominal dimensions, ***shall*** be provided:

- (a) **Exterior Side Tie-down Points**. The trailer ***shall*** be equipped with eight tie-down points (D-rings) on each exterior side beam and an additional four tie-down points (D-rings) on each side of the decking above the tridem axles. Two additional flush mounted tie-down points (D-rings), one on each side, at the rear of the trailers ***shall*** be provided. Tie-down rating ***shall*** be at least 9,072-kg.
- (b) **Main Deck/Rear Deck Mounted Tie-down Points**. Two rows evenly spaced, recessed flush mounted tie-down rings with drain holes, bolted to the main deck floor and not more than 203mm from the sides ***shall*** be provided. Each row will contain nine tie-downs. Additional two rows of four tie-downs on each side of the rear deck ***shall*** be provided. Tie-down rating ***shall*** be at least 9,072-kg.
- (c) **Gooseneck Mounted Tie-down Points**. Two rows of two tie-downs on the gooseneck ***shall*** be provided. Tie-down rating ***shall*** be at least 9,072-kg.
- (d) **Storage Compartments**. Two, lockable, upper deck, storage compartments ***shall*** be provided. The compartments floor ***shall*** be covered with DRI decking. The floor of the compartment(s) ***shall*** be equipped with drain holes with evacuation valves. The compartment size ***shall*** be of sufficient size to accommodate spare straps, chains and fluids.

3.8.7 **Gooseneck w/Jeep Adaptor**

- (a) A hydraulically operated, removable, non-load bearing, gooseneck w/Jeep Adapter ***shall*** be provided.
- (b) Gooseneck length ***shall*** suit a tandem axle jeep connected to a tandem drive axle tractor.

- (c) The mechanism to lock the gooseneck at the various heights **shall** be a cam and lever design, not pins (an antler system is the preferred design).
- (d) The gooseneck **shall** be equipped with a hydraulic stinger that is capable of supporting the weight of the gooseneck during loading and unloading procedures. The design of the stinger **shall** be such as to eliminate any lateral movement of the gooseneck when it is only attached to the vehicle fifth wheel and the vehicle is moving.
- (e) All hydraulic controls **shall** be mounted on the left side of the stinger. If any hydraulically related operations are required on the right side of the gooseneck, a control **shall** be installed on that side.
- (f) The main vertical locking pin and pin lock **shall** be air operated, with the controls on the exterior left side of the gooseneck.

3.8.8 Hydraulic System

- (a) A manufacturer's standard hydraulic reservoir tank **shall** be included with the following;
 - i. An intake filter screen.
 - ii. An inspection plate bolted to a raised lip located on the top of the tank.
 - iii. An external fluid level indicator.
- (b) Two hydraulic filters, one located in the pressure line and the other located in the return line **shall** be provided.
- (c) Auxiliary couplers with captive protective caps and a selector valve in order to power the system from an external source. The couplers and selector valve **shall** be conveniently mounted on the driver's side of the gooseneck.
- (d) Wet kit connector on the front of the gooseneck **shall** be provided.
- (e) All forward hydraulic controls **shall** be conveniently located on the driver's side of the gooseneck.

3.9 Paint and Corrosion Protection.

- (a) **Paint.** The trailer **shall** be painted in accordance with the manufacturer's best production procedures using standard commercial practices and materials, rendering a durable finish of the required film thickness and a smooth appearance free from runs, sag and orange peel.
 - i. The finish **shall** be flat olive drab 34094 in accordance with FED STD 595.
 - ii. All additional lettering and symbols on the outside of the trailer **shall** be flat black

using paint compatible with the topcoat selected. The colour ***shall*** be flat black 37030 in accordance with FED STD 595.

(b) **Corrosion Protection System**

- i. Dissimilar metals ***shall*** be protected against galvanic corrosion.
- ii. A rust prevention coating ***shall*** be applied to the trailer underbody. The product applied ***shall*** be a manufacture's standard product that meets industry standard such as Tectyl, Krown Rust, or Rust Check.

3.10 Miscellaneous

3.10.1 Identification Plate. The following information ***shall*** be provided as a minimum, permanently marked and in a conspicuous and protected location:

- (a) Manufacturer, model, model year and serial number;
- (b) GAWR and GVWR ratings; and
- (c) Maximum payload capacity ***shall*** be stencil painted on each side of the trailer or gooseneck.

3.10.2 Warning and Instruction Plates. The following ***shall*** be provided:

- (a) All plates within easy view of the user and in accordance with standard commercial practice.
- (b) International symbols and/or bilingual markings.
- (c) Instructions for engine starting and any other special procedures to be followed.

3.10.3 Lubricants and Fluids. The trailer ***shall*** be serviced with standard lubricants and fluids compatible with the delivery location and season.

3.11 Deliverable Information. The following is applicable to the complete system. The following items ***shall*** be provided:

- (a) **Equipment Manuals.** The following manuals ***shall*** be provided:
 - i. **Operator's/Owner's Manuals.** Operator's manuals ***shall*** be furnished in a bilingual format or as 2 manuals in a single binder (one English, one French). **A hard copy of the Operator's manual shall be delivered with each trailer.**
 - ii. **Parts Manuals.** The Parts Manuals ***shall*** be in English (French translation is desirable).
 - iii. **Maintenance (Shop Repair) Manuals.** The Maintenance (Shop Repair) Manual

shall be in English (French translation is desirable).

- iv. A copy of the manuals on CD/DVD-ROM will be acceptable. This shall include all schematics for electrical and hydraulics. For usability, CD/DVD-ROM shall not require password to be accessed.
 - v. **Sample Manuals.** A set of Sample Manuals, including all of the above manuals. The sample manuals shall be delivered to the Technical Authority 15 working days before delivery of trailers. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days.
- (b) **Data Summary.** The Contractor shall provide a Data Summary to the Technical Authority for each complete trailer make/model furnished. The Contractor shall complete Data Summary by filling in the required data and an electronic picture into a Data Summary template provided by the Technical Authority.
 - (c) **Photographs.** The contractor shall provide the Technical Authority with two (2) digital pictures, one of the left front three-quarter view, and one of the right rear three-quarter view. All pictures shall be taken with a clear uncluttered background.
 - (d) **Warranty Letter.** The contractor shall provide a copy of the completed Warranty Letter with each trailer shipped in the format approved by the Technical Authority. The Contractor shall send a copy of the completed Warranty Notification Letter to the Technical Authority for each trailer shipped, at shipment. A copy of the Warranty Letter shall be forwarded to the Technical Authority in electronic format.
 - (e) **Line Setting Ticket.** The Contractor shall provide a Line Setting Ticket, or equivalent, describing the components provided on the system. One copy of the Line Setting Ticket shall accompany each completed trailer to the final delivery point. One copy of the Line Setting Ticket shall be forwarded to the Technical Authority as soon as they are available.
 - (f) **Familiarization.** A Contractor representative shall provide a minimum of six (6) hours of Operator familiarization training to a maximum of eight (8) persons and a minimum of six (6) hours of Maintainer familiarization training to a maximum of eight (8) persons at each delivery location. A proof of familiarization instruction completion shall be provided through a Familiarization Instruction Completion Form. The Form shall be completed and signed by an authorized representative. The form shall accompany the payment invoice. Familiarization shall be available in French and English. The Technical Authority will provide Familiarization Instruction Completion Form template.

4. QUALITY ASSURANCE PROVISIONS

4.1 Performance and Verification Testing. The first system shall be examined and performance tested by the contractor, to ensure item by item conformance to specified requirements. The QAR and/or the Technical Authority may witness this testing and operate the system sufficiently to assess the handling characteristics.

APPENDIX 1

**SEMI-TRAILER, LOW BED, 45 TONNE,
VARIABLE HEIGHT 7.3 METER DECK,
VARIABLE HEIGHT, HYDRAULIC, REMOVABLE GOOSENECK,
TRI-AXLE, W/TANDEM AXLE JEEP**

TECHNICAL INFORMATION QUESTIONNAIRE

This questionnaire covers technical information, which *shall* be provided for evaluation of the configuration(s) of the trailer offered.

Where the specification paragraphs below indicate “Proof of Compliance”, the “Proof of Compliance” *shall* be provided for each performance requirement/specification.

Bidders should indicate the requested information and indicate the document name/title and page number where the Proof of Compliance can be found.

Definition for *Proof of Compliance* is found in the DEFINITIONS section at the end of this document.

CONTRACTOR INFORMATION

Contractor Name _____

Proposal Date _____

SPECIFICATION PARAGRAPHS

3.6 Common System Components

3.6.1 Dimensions – Proof of Compliance

Preferred proof of compliance: line drawings with dimensions, manufacturing drawings for components, pictures or bill of material sheet illustrations

<u>Paragraph</u>	<u>Description</u>	<u>Value</u>	<u>Document Name/Title</u>	<u>Page</u>
3.6.1				
(a)	System Width			
(b)	Kingpin Height			
(c)	Swing Clearance			
(d)	Kingpin size			

3.6.2 Brakes – Proof of Compliance

Preferred proof of compliance: brake schematic drawings, bill of materials with associated part spec sheets, manufacturing drawings etc.

Information on air brake system configuration can be found in document(s): _____ page:

3.6.3 Axles – Proof of Compliance

Preferred proof of compliance: Axle part numbers with corresponding specification sheets, etc.

Axel configuration(s) can be found in document(s): _____ page: _____.

Axel capacity is: _____ kg,

And can be found in document(s): _____ page: _____.

3.6.4 Suspension – Proof of Compliance

Preferred proof of compliance: Suspension part numbers with corresponding specification sheets, etc.

Suspension configuration can be found in document(s): _____ page: _____.

Suspension capacity is: _____ kg,

And can be found in document(s): _____ page:

3.6.5 Tires and Wheels – Proof of Compliance

Preferred proof of compliance: Tire and wheel make, model & capacity information with corresponding specification sheets, etc.

Tire and wheel make, model & capacity can be found in document(s): _____ page:

3.8 Semi-Trailer

Make: _____, **Model:** _____

3.8.1 Payload – Proof of Compliance

Preferred proof of compliance: Load distribution drawings, computer generated load calculations etc.

The payload capacity of the trailer is: _____ kg.

Trailer payload capacity information can be found in document(s): _____, page:

3.8.2 Dimensions – Proof of Compliance

Preferred proof of compliance: line drawings with dimensions, manufacturing drawings for components, pictures or bill of material sheet illustrations

<u>Paragraph</u>	<u>Description</u>	<u>Value</u>	<u>Document Name/Title</u>	<u>Page</u>
3.8.2				
(a)	Overall width without extensions			
	Overall width with extensions			
(b)	Variable height deck length			
(c)	Total working deck length			
(d)	Kingpin setback			

3.8.3 Auxiliary Engine System – Proof of Compliance

Preferred proof of compliance: Engine brochure or illustrated engine information

Engine information can be found in document(s): _____, page: _____.

3.8.4 Trailer Construction – Proof of Compliance

Preferred proof of compliance: trailer drawings (design, manufacturing), trailer brochures, trailer build sheets etc.

(a) Main frame material and construction can be found in document(s): _____ page:

(c) Deck extensions (outriggers) information can be found in document(s): _____ page:

(g) Variable deck height ground clearance in highest position: _____ mm.

Variable deck height ground clearance in lowest position: _____ mm.

3.8.7 Gooseneck w/Jeep Adaptor – Proof of Compliance

Preferred proof of compliance: trailer drawings (design, manufacturing), trailer brochures, trailer build sheets etc.

Gooseneck w/jeep adaptor information can be found in document(s): _____ page:

DEFINITIONS

1.1 The following definition applies to the interpretation of this Technical Information Questionnaire:

- a) “Proof of Compliance” is defined as an unaltered 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.

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Appendix 1- Technical Information Questionnaire - SEMI-TRAILER, LOW BED, 45 TON

PART 1 - GENERAL INFORMATION

1. Requirement

Canada is seeking proposals to procure:

- 1.1 One (1) SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description SEMI-TRAILER, LOW BED, 45 TON.
- 1.2 Irrevocable options identified in Annex "A"- Pricing.
 - 1.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
 - 1.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A" - Pricing.
 - 1.2.3 The options may be exercised within twelve (12) months after contract award.

2. 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.

3. Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

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 (2014-06-26) 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 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.

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 (2 hard copies);

Section IV: 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 should complete and submit with their bid the following;

- Appendix "1" - Technical Information Questionnaire - SEMI-TRAILER, LOW BED, 45 TON.

2.1 Substitutes and Alternatives

Bidders may propose substitutes and alternatives where "**shall^(E)**" is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work). Offerors / suppliers are encouraged to offer or suggest green solutions whenever possible.

2.1.1 Substitutes and alternatives that are equivalent in form, fit, function and performance will be considered for acceptance by the Technical Authority where the Bidder:

- (a) Clearly identifies a substitute and/or an alternative;
- (b) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
- (c) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
- (d) Provides complete specifications and brochures, where applicable;
- (e) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the technical requirement description; and
- (f) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute and/or the alternative compliance with the technical requirements.

2.1.2 Substitutes and alternatives offered as equivalent in form, fit, function and performance will not be considered for acceptance by the Technical Authority if:

- (a) The bid fails to provide all of the information requested to allow the Technical Authority to fully evaluate the evaluate the equivalency; or
- (b) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.

3. Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

3.1 Exchange Rate Fluctuation Risk Mitigation

- 3.1.1 The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
- 3.1.2 The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
- 3.1.3 The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
- 3.1.4 At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
- 3.1.5 Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

4. Section III: Certifications

Bidders must submit the certifications required under Part 5 - Certifications.

5. Section IV Additional Information

Canada requests that bidders submit the following information:

5.1 Delivery

5.1.1 Firm Quantity

While delivery of the trailer is requested by March 31/2015, the best delivery that can be offered is as follows:

Item 001 – One (1) SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items will be delivered within _____ calendar days from the effective date of the contract.

5.1.2 Optional Quantity

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

Item 002 – Two (2) SEMI-TRAILERS, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items will be delivered within _____ calendar days after an option is exercised.

5.2 Manufacturer's Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the trailer/equipment and its component that exceeds the minimum warranty period of twelve (12) months.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

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

1.1 Mandatory Technical Evaluation Criteria

1.1.1 Mandatory Proof of Compliance

Bidders must submit, with their bid, all proof of compliance required in the Annex B - Purchase Description and the Appendix 1 - Technical Information Questionnaire.

1.1.2 Substitutes and/or Alternatives

Bidders proposing substitutes and/or alternatives must provide all the information as detailed in Part 3, Section 2 - Substitutes and Alternatives to be considered for evaluation.

1.2 Mandatory Financial Evaluation Criteria

1.2.1 Bidders must provide, with their bid, the financial information requested in the bid solicitation and at Annex A - Pricing for items 001, 002, 004.

1.2.2 The prices of the bid Bids must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, for the firm quantity for item 001 and FCA Free Carrier at Contractor's Canadian facility, Incoterms 2000 for optional quantities items 002 and 004. Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

1.2.3 Aggregate Evaluated Price

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

- a) the firm unit price for the firm quantity, the optional quantity and familiarization instruction/training (option) will be multiplied by their identified estimated quantities; and
- b) the sum of all results will determine the aggregate evaluated price.

Solicitation No. - N° de l'invitation

Buyer ID - Id de l'acheteur

W8476-155167

hp-921

2. Basis of Selection

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

PART 5 - CERTIFICATIONS

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

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly during the bid evaluation period or during the contract period.

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

1. Certifications Required Precedent to Contract Award

1.1 Integrity Provisions – Associated Information

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development \(ESDC\) - 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.

2. Additional Certifications Required Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a

time frame within which to provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

2.1 Product Conformance

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

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

Bidder's authorized representative signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

1. Requirement

1.1 The Contractor must deliver One (1) SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description SEMI-TRAILER, LOW BED, 45 TON.

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

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

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

1.2.3 The options may be exercised within Twelve (12) months after contract award.

1.3 Optional Extended Warranty Period

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.

2. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<http://sacc.pwgsc.gc.ca/sacc/index-e.jsp>) issued by Public Works and Government Services Canada.

2.1 General Conditions

2010A (2014-06-26) 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 100 kilometres**) 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."

3. Term of Contract

3.1 Delivery of Trailer

3.1.1 Firm Quantity

Delivery date of the trailer must be made as follows:

Item 001 - One (1) SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

3.1.2 Option Quantity

Item 002 - Two (2) SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP 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.)

4. Authorities

4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Guy Falardeau
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: 819 956-0591
Facsimile: 819 953-2953
E-mail: guy.falardeau@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.

4.2 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.

4.3 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.

4.4 Contractor's Representative

Name and telephone number of the person responsible for :

General enquiries

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

Delivery follow-up

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

Title: _____

Telephone: _____ - _____ - _____

Facsimile: _____ - _____ - _____

E-mail: _____

4.5 After Sales Service

4.5.1 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 trailer/equipment offered:

Item 001

Name: _____

Address: _____

Telephone Number: _____

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

5. Payment

5.1 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.

Basis of Payment (BOP) Type 3: Price to be negotiated 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.

The transportation cost and living expense will be "negotiated" when Canada intends to exercise an option and has identified the applicable quantities and destinations. When requested by Canada, as a basis for negotiation, the Contractor must provide the transportation price(s) and/or Travel and living expense and relevant information.

Basis of Payment (BOP) Type 4: If exercised, 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".

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.

5.2 SACC Manual Clauses

H1000C Single Payment 2008-05-12

5.3 Exchange Rate Fluctuation Adjustment

- 5.3.1 The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.

-
- 5.3.2 For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.
- 5.3.3 The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provisions in the contract. The exchange rate adjustment amount will be calculated in accordance with the following formula:

$$\text{Adjustment} = FCC \times Qty \times (i_1 - i_0) / i_0$$
where formula variables correspond to:
 FCC Foreign Currency Component (per unit)
 i_0
 Initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])
 i_1
 exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])
 Qty quantity of units
- 5.3.4 The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.
- 5.3.5 For goods, the exchange rate for adjustment will be the noon rate as published by the Bank of Canada on the date the goods were delivered. For services, the exchange rate for adjustment will be the noon rate on the last business day of the month for which the services were performed. For advance payments, the exchange rate for adjustment will be the noon rate on the date the payment was due. The most recent noon rate will be used for non-business days.
- 5.3.6 The Contractor must indicate the total exchange rate adjustment amount (either upward, downward or no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments.
- 5.3.7 The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form [PWGSC-TPSGC 450](#) (i.e. $[i_1 - i_0] / i_0$).
- 5.3.8 Canada reserves the right to audit any revision to costs and prices under this clause.

6. Invoicing Instructions

6.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the Client Ref # BT517. 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.

6.2 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 5-5-1-2

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

6.3 Holdback

A ten percent (10%) holdback will apply on the total price of the trailer, items number 001 and 002 on any due payment of the said trailer/equipment. Release of the holdback (10%) is conditional upon receipt and certified acceptance by inspection authority of the said 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.

7. Certifications

7.1 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. Applicable Laws

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

9. Priority of Documents

If there is a discrepancy between the wordings 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 (2014-06-26) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description - SEMI-TRAILER, LOW BED, 45 TON
- (e) Appendix 1- Technical Information Questionnaire - SEMI-TRAILER, LOW BED, 45 TON
- (f) the Contractor's bid dated _____

10. SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
D5545C	ISO 9001:2000 - Quality Management Systems - Requirements (QAC C)	2010-08-16
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

11. 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.

12. Preparation for Delivery

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

The fuel tanks must be at least half full prior to release of the trailer(s) to inspection authority or consignee personnel at the final delivery location.

All 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 trailers 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.

13. Shipping Instructions - Delivery at Destination (For Firm quantities)

13.1 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.

13.2 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.

14. 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. The crown reserves the right to carry out the Post-Contract Award Meeting/Pre-Production Meeting via teleconference.

15. Progress Reports

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

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

16. Tools and Loose Equipment

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

17. Spare Parts Availability

The contractor must ensure that spare parts required to properly maintain and repair the complete 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.

18. Material

Material supplied must be new unused and of current production by manufacturer. (2014 model year or newer).

19. Design Changes

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

20. Interchangeability

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

21. 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.

22. Service at Delivery

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

23. Trailer Recall Notices

All trailer recall notices must be forwarded to:

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

Attention: (designation and name of TA to be inserted by PWGSC at contract award)

ANNEX "A" - PRICING

Item 001 SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items (**Firm Quantity**)

The Contractor must deliver the trailer/equipment including the sample manuals, CD of all manuals, data summary, photographs, warranty letter(s), line setting tickets, and familiarization training in accordance with the attached Annex "B" - Purchase Description - SEMI-TRAILER, LOW BED, 45 TON.

The SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items must be delivered to:

Canadian Forces Base/Area Support Unit, Montreal
5 Area Support Group/Transport Section
Building #7 South
6769 Notre Dame East
Montreal Quebec, Canada
H1N3R9

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 5.1 Basis of Payment).

Quantity: One (1)

Item 002 SEMI-TRAILER, LOW BED, 45 TON, VARIABLE HEIGHT 7.3 METER DECK, HYDRAULIC, REMOVABLE GOOSENECK, TRI-AXLE WITH TANDEM AXLE JEEP and related items (**Optional Quantity**)

If this option is exercised, the Contractor must deliver the trailer/equipment including the sample manuals, CD of all manuals, data summary, photographs, warranty letter(s), line setting tickets, and familiarization training in accordance with the attached Annex "B" - Purchase Description - SEMI-TRAILER, LOW BED, 45 TON.

Firm unit price of \$ _____ per trailer/equipment in accordance with Basis of Payment Type 2 (as detailed at Clause 5.1 Basis of Payment).

Quantity: Up to two (2)

Item 003 Transportation Cost (optional Quantities)

If optional trailers are exercised, the contractor must deliver the trailer/equipment to final destination detailed below.

The Semi-Trailer and ancillary items must be delivered to:
_____ (to be provided by PWGSC if an option is exercised)

Delivery contact: _____ (Name to be inserted by PWGSC if an option is exercised.)

Date of delivery: _____ (Date to be inserted by PWGSC if an option is exercised.)

Quantity: Up to two (2)

Negotiated price: \$(to be negotiated if an option is exercised) per trailer/equipment, for transportation cost, Delivered Duty Paid at destination, in accordance with Clause 5.1, Basis of Payment Type 3.

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

Item 004 Familiarization instructions/training (Option)

If this option is exercised, the Contractor must provide familiarization instruction/training, in accordance with the attached Annex “B”- Purchase Description - SEMI-TRAILER, LOW BED, 45 TON.

Firm unit price of \$ _____ in accordance with Basis of Payment Type 2(as detailed at Clause 5.1 Basis of Payment).

Quantity: up to two (2)

Item 005 Travel and Living for Familiarization Instruction/Training (Option)

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.

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

Estimated cost: _____ Familiarization Instruction/Training, for Travel and Living expenses, Delivered Duty Paid at destination, in accordance with Clause 5.1, Basis of Payment Type 4.

Quantity: up to two (2)

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

Item 006 Optional Extended Warranty Period

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/equipment 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 Clause 5.1)