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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

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Industrial Vehicles & Machinery Products Division
11 Laurier St./11, rue Laurier
7B1, Place du Portage, Phase III
Gatineau
Québec
K1A 0S5

Title - Sujet 95 Ton All Terrain Crane	
Solicitation No. - N° de l'invitation W8476-175533/C	Date 2018-03-02
Client Reference No. - N° de référence du client W8476-175533	
GETS Reference No. - N° de référence de SEAG PW-\$\$HS-604-74520	
File No. - N° de dossier hs604.W8476-175533	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-03-29	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: Sherline Pieris	Buyer Id - Id de l'acheteur hs604
Telephone No. - N° de téléphone (819) 420-1096 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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



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.

ANNEX B

PURCHASE DESCRIPTION
CRANE, ALL TERRAIN

1. SCOPE

1.1 **Scope** - This purchase description covers the requirements for all-terrain cranes.

1.2 **Instructions**

- (a) Requirements, which are identified by the word "**must**", **must** be treated as mandatory. Deviations will not be permitted;
- (b) Requirements identified with a "will" define actions to be performed by Canada and require no action/obligation on the Contractor's part;
- (c) Where "**must**" or "will" are not used, the information provided is for guidance only;
- (d) Where a standard is specified and the Contractor has offered an **Equivalent**, that **Equivalent** standard **must** be supplied by the Contractor;
- (e) Where a technical certification is referred to in this Purchase Description, a copy of the certification or an acceptable Proof of Compliance **must** be supplied, when requested by the **Technical Authority**;
- (f) While the International System of Units (SI) **must** be used as the primary system of measurement to define requirements of this Purchase Description, both the SI system and the standard system for this product may be indicated. Conversion from one system of measurement to the other may not be exact; and
- (g) Dimensions stated as nominal **must** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.3 **Definitions**

- (a) "**Provided**" means "provided and installed";

Revisions		
Rev	Date	Description
A	2016/12/12	Initial Release.
B	2017/06/07	Some Sub-para numbering and Sub-para references changed. No technical content change.
C	2018/03/01	Changed address of ISO Org Para 2.2 and added 'pads' at Para 3.5 (c) beside load spreader for clarity. Training for 6 instead of 5.

OPI: DSVPM 4 – BPR: DAPVS 4

Issued on Authority of the Chief of the Defence Staff

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

- (b) **"Technical Authority"** *must* mean the official responsible for the technical content of this requirement;
- (c) **"Equivalent"** *must* mean a standard, means, or component type, which the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance;
- (d) **"Commercially Equipped"** means that the vehicle is provided in its standard commercial configuration with no additional government-specified requirements; and
- (e) **"Bilingual"** means both official languages; English and French.

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

CHARACTERISTIC	CLAUSE	UNITS	VALUE (Config A)
FORWARD SPEED	3.4.1	km/h	80
TURNING CIRCLE - WALL TO WALL	3.4.2	mm	24,600
LIFT AT 3 m	3.4.3(c)i	kg	62,000
LIFT AT 10 m	3.4.3(c)ii	kg	25,000
LIFT AT 18 m	3.4.3(c)iii	kg	13,500
LIFT AT 30 m	3.4.3(c)iv	kg	5,500
LIFT AT 50 m	3.4.3(c)v	kg	1,100
AXLE LOADING	3.4.4(a)	kg	16,000
OUTRIGGER PAD FORCE	3.4.4(b)	kN	470
BOOM LENGTH	3.5(a)iv	mm	57,000

1.4.1 **Feature and Accessory Table** - The following table indicates, with "✓", for each configuration the features or accessories which *must* be provided, with a clause reference.

FEATURE/ACCESSORY	CLAUSE	CONFIGURATION	
		A1	A2
TRANSPORT DOLLY	3.5.2		✓

2. APPLICABLE DOCUMENTS

2.1 **Government Furnished Documents** - NOT APPLICABLE

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

- (a) Hazardous Products Act
Government of Canada / Department of Justice
<http://laws-lois.justice.gc.ca/eng/acts/H-3/>
- (b) International Organization for Standardization (ISO)
ISO Central Secretariat
BIBC II
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
<http://www.iso.org/iso/home.htm>

- (c) SAE Standards
SAE World Headquarters
400 Commonwealth Dr.,
Warrendale, PA, 15096-0001
<http://www.sae.org>
- (d) Canadian Standards Association
178 Rexdale Boulevard
Toronto, Ontario, Canada N9W 1R3
<http://www.csa.ca>
- (e) CSA Z150-11 Safety Code on Mobile Cranes
Canadian Standards Association
178 Rexdale Boulevard
Toronto, Ontario, Canada N9W 1R3
<http://www.csa.ca>

3. REQUIREMENTS

3.1 Standard Design

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

3.2 Operating Conditions

3.2.1 Weather - The vehicle **must** start and operate under the extremes of weather conditions found in Canada in temperatures ranging from -40 to 40°C.

3.2.2 Terrain - The vehicle/equipment **must** operate on highways, secondary roads, gravel roads, and off-road (e.g. construction sites, open fields and dirt tracks). Terrain conditions **must** include year round operations on snow, mud, sand and ice.

3.3 Safety Standards

3.3.1 Crane Standards - The crane **must** comply with the requirements of the current version of CSA Z150 *Safety Code on Mobile Cranes*.

3.3.2 Hazardous Materials - The contractor **must** minimize or eliminate the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals (as described in the Hazardous Products Act of Canada) on the vehicle at the time of delivery.

- 3.4 **Performance** - The vehicle **must** be an all-terrain crane.
- 3.4.1 **Travel Performance** - The vehicle **must** have a forward speed, when configured for transport, of at least that given as "**FORWARD SPEED**" in the Data Table on flat and level Class I roads.
- 3.4.2 **Turning Circle** - The vehicle, with crane in stowed position, **must** turn between two parallel vertical walls separated by a distance of not more than that given as "**TURNING CIRCLE – WALL TO WALL**" in the Data Table when tested in accordance with SAE J695.
- 3.4.3 **Lift Performance**
- (a) Crane capacities **must** be calculated in accordance with the current version of CSA Z150 *Safety Code on Mobile Cranes*; and
 - (b) The boom **must** have 360-degree continuous rotation at a speed of no less than 1 revolution per minute.
 - (c) **Crane Capacity – Outriggers Deployed**
 - i The crane **must** have a capacity, through 360-degree rotation, of at least that given as "**LIFT AT 3 m**" at 3 m radius in the Data Table, with the outriggers deployed and counterweights installed;
 - ii The crane **must** have a capacity, through 360-degree rotation, of at least that given as "**LIFT AT 10 m**" at 10 m radius in the Data Table, with the outriggers deployed and counterweights installed;
 - iii The crane **must** have a capacity, through 360-degree rotation, of at least that given as "**LIFT AT 18 m**" at 18 m radius in the Data Table, with the outriggers deployed and counterweights installed;
 - iv The crane **must** have a capacity, through 360-degree rotation, of at least that given as "**LIFT AT 30 m**" at 30 m radius in the Data Table, with the outriggers deployed and counterweights installed; and
 - v The crane **must** have a capacity, through 360-degree rotation, of at least that given as "**LIFT AT 50 m**" at 50 m radius in the Data Table, with the outriggers deployed and counterweights installed.
- 3.4.4 **Dock Loading** - The vehicle will operate on a dock with restricted loading as follows:
- (a) The vehicle **must** have an axle loading of less than that given as "**AXLE LOADING**" in the Data Table, on rubber for short distance travel, when configured with counterweights for a 30 m radius lift specified at clause 3.4.3 (c) iv; and
 - (b) The vehicle **must** have an outrigger pad force, using a circular outrigger pad of at least 760 mm in diameter, of less than that given as "**OUTRIGGER PAD FORCE**" in the Data Table, for all crane capacities specified in paragraph 3.4.3 (c).
- 3.4.5 **Crane Certification** - The crane **must** be certified to the current version of CSA Z150, 30 days or less before delivery.

3.5

Equipment

(a) **Boom**

- i The crane **must** be provided with a hydraulically operated, full power-telescoping boom;
- ii The crane **must** have a boom pinning system;
- iii The boom **must** have a boom tip with hook block rated for the maximum load; and
- iv The extended length of the boom **must** be at least that given as "BOOM LENGTH" in the Data Table.

(b) **Outriggers**

- i The vehicle **must** be provided with at least four hydraulically operated outriggers;
- ii The outriggers **must** be operated symmetrically or asymmetrically;
- iii The outriggers **must** support the vehicle with all wheels off the ground while hoisting all rated loads in all positions;
- iv The outriggers **must** hold the required position and not require repositioning during operations;
- v The outriggers **must** have controls located in the crane operator's cab; and
- vi The outriggers **must** be provided with pressure sensors monitored through the Load Moment Indicator.

(c) **Outrigger Load Spreader Pads** - The manufacturer's light-weight load spreader pads **must** be supplied.

(d) **Main Hoist**

- i The crane **must** be provided with a main hoist;
- ii The main hoist **must** have motor, gearing, brakes, controls, line pull, speed and wire rope strength and capacity in accordance with CSA Standard Z150; and
- iii The main hoist wire rope **must** be rotation resistant.

(e) **Auxiliary Hoist**

- i The crane **must** be provided with an auxiliary hoist; and
- ii The auxiliary hoist wire rope **must** be rotation resistant.

(f) **Counterweights** - The vehicle **must** be provided with removable counterweights required for all the crane capacities specified in paragraphs 3.4.3(c).

(g) **Anti-Two Block Device** - The crane **must** be provided with an anti-two block device.

(h) **Hook Block**

- i A swivel type hook block **must** be provided;
- ii The hook **must** be equipped with a safety latch; and
- iii The rated capacity of the hook block **must** meet or exceed the maximum lifting capacity of the crane.

- (i) **Second Hook Block**
 - i A second hook block **must** be provided; and
 - ii The second hook block **must** be provided with three (3) sheaves.
- (j) **Single-Line Ball Hook** - A single-line "overhaul" type ball hook **must** be provided.
- (k) **Grounding Attachment Points**
 - i The vehicle **must** be provided with grounding attachment points;
 - ii There **must** be one grounding attachment point towards the front and one towards the rear of the vehicle;
 - iii The grounding attachment points **must** permit an alligator clamp to be attached to the vehicle for grounding;
 - iv The attachment of an alligator clamp to either of the attachment points **must** not interfere with the operation of the crane; and
 - v The grounding attachment points **must** be clearly marked and accessible to an operator at ground level.
- (l) **Grounding Reels**
 - i The vehicle **must** be provided with two (2) heavy-duty, automatic controlled rewind static electricity grounding reel assembly and clamp installed near the two grounding points;
 - ii Installation of grounding reel assemblies **must** not interfere with crane operation; and
 - iii The reels **must** be provided with at least 15 m of cable.
- (m) **Capacity Charts**
 - i Safe-load capacity charts, indicating all safe loads in both metric and imperial units, **must** be affixed inside the operator cab; and
 - ii English and French capacity charts **must** be provided.
- (n) **Video Camera**
 - i A boom mounted video camera **must** be provided;
 - ii The video camera **must** be easily removable for storage;
 - iii The video camera **must** be mounted at the tip of the boom; and
 - iv The video camera **must** have a monitor and camera controls, including panning and zooming so that the load and area beneath the boom can be viewed, mounted in the crane operator's station.
- (o) **Tie-Down/Transport/Recovery Devices** - **Must** be commercially equipped.

(p) **Tool Compartment**

- i A tool compartment to hold all tools and loose equipment required for daily maintenance **must** be provided;
- ii The tool compartment **must** be protected from the elements including road splash or be of weatherproof construction with anti-return type drainage; and
- iii The tool compartment **must** be lockable.

(q) **Protection against Vandalism**

- i The vehicle **must** be provided with vandal protection measures including provisions for locking the engine covers, filler caps and cab; and
- ii Locking **must** be by integral, common keyed locks or padlock hasps.

(r) **Non-Skid Walking Surfaces** - The vehicle **must** have all walking surfaces covered with a non-skid coating for operator safety.

(s) **License Plate Holder** - The vehicle **must** be provided with front and rear mounted license plate holders.

3.5.1 **Not Used.**

3.5.2 **Transport Dolly** - When indicated in the Feature and Accessory Table (clause 1.4.1), the crane **must** be supplied with a transport dolly for trailing boom transportation.

3.6 **Operator Station**

(a) **Cabs**

- i The vehicle **must** be provided with two fully enclosed weatherproof and insulated cabs, driver and crane operator;
- ii The driver and crane operator cabs **must** be provided with a heating, ventilation and defrosting system;
- iii The heating, ventilation and defrosting system **must** keep the windows free from frost and moisture;
- iv The driver and crane operator cabs **must** be provided with air conditioning systems;
- v The driver and crane operator cabs **must** be provided with safety glass windows, with the manufacturer's standard tinting, providing above and all around visibility;
- vi The driver and crane operator cabs **must** be provided with electrical power actuated windshield wipers for the front windows with a windshield washer;
- vii The windshield wipers **must** have 2 speeds, preferably with an intermittent setting;
- viii The driver and crane operator cabs **must** be provided with two doors, or one door and at least one window that may be quickly opened and removed as an operator escape route in an emergency;
- ix Emergency exits **must** be visibly labelled; and

- x The crane operator cab **must** be provided with a skylight, so that the operator can see the boom tip in any position.

(b) **Driver's Seat**

- i The vehicle **must** be provided with a driver's air suspension seat and backrest in conformance with SAE J899 or in conformance with ISO 11112:1995 and ISO 7096;
- ii The driver's seat **must** have seat material being a breathable fabric or a mesh surface;
- iii The driver's seat **must** be provided with seat belts conforming, as a minimum, to SAE J386;
- iv The driver's seat **must** be fore/aft adjustable without having to move from a seated position; and
- v The driver's seat **must** be heated, with a least two heat settings.

(c) **Crane Operator's Seat**

- i The vehicle **must** be provided with a crane operator's air suspension seat and backrest;
- ii The crane operator's seat **must** have seat material being a breathable fabric or a mesh surface; and
- iii The crane operator's seat **must** be fore/aft adjustable without having to move from a seated position.

(d) **Mirror(s)**

- i The driver cab **must** be provided with adjustable rear-view mirrors positioned for safe reverse operation;
- ii Heated exterior mirrors **must** be provided;
- iii Mirror heating **must** be activated by an in-cab control; and
- iv Exterior mirrors **must** have flat and convex sections.

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

(f) **Radio**

- i An AM/FM radio **must** be provided in the driver's cab. It is preferred that the radio be provided with a CD player and an auxiliary input; and
- ii The radio **must** turn off automatically when the vehicle is turned off.

(g) **Keys**

- i A common key **must** be used for all items supplied with an integral keyed lock; and
- ii This **must** include locks for the ignition, doors and locking compartments/covers.

3.7 **Chassis** - **Must** be commercially equipped.

3.8 **Engine** - Diesel engine(s) **must** be provided.

3.8.1 **Fuel Tank(s)** - *Must* be commercially equipped.

3.8.2 **Engine Cold Weather Aids**

- (a) The engine *must* be provided with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to -40° C;
- (b) A low temperature engine starting aid *must* be provided. The engine *must* have one of the following systems: ether injection, glow plug(s), intake air preheat or *Equivalent*;
- (c) A heated fuel filter/water separator *must* be provided to preheat diesel fuel prior to starting;
- (d) One or more 110-Volt engine heaters *must* be provided. The engine heaters *must* have a capacity as recommended by the engine manufacturer or conforming to SAE J1310;
- (e) The engine *must* be provided with one or more 110-volt battery heaters. The battery heaters *must* have a wattage matched to battery size to prevent battery damage due to overheating;
- (f) External electrical power for engine and battery heaters *must* be a single cover-protected plug, limited to 15 amps, that is accessible without lifting a vehicle panel; and
- (g) The external plug *must* include a means to indicate when power is being supplied to the 110 Volt components.

3.8.3 **Fuel-Fired Pre-Heater**

- (a) The vehicle *must* be provided with a fuel-fired engine coolant preheat system;
- (b) The fuel-fired pre-heater *must* be the size recommended by the heater manufacturer;
- (c) The fuel-fired pre-heater *must* be provided with a 7 day programmable timer;
- (d) Fuel for the fuel-fired pre-heater *must* be drawn from the vehicle fuel tank; and
- (e) The fuel-fired pre-heater *must* operate without power from outside the vehicle.

3.9 **Transmission** - *Must* be commercially equipped.

3.10 **Brake System** - *Must* be commercially equipped.

3.11 **3-Mode Steering**

- (a) The steering *must* operate in front wheel steering mode;
- (b) The steering *must* operate in a coordinated (all wheel) steering mode;
- (c) The steering *must* operate in crab type steering mode; and
- (d) Steering position and mode indicators *must* be located in a position readily visible to driver.

3.12 **Wheels and Tires** - *Must* be commercially equipped.

3.12.1 **Tire Pressure Monitoring System**

- (a) The vehicle *must* be provided with a tire pressure monitoring system;

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

3.13 **Controls**

- (a) Driver controls **must** include a safety device ensuring that the engine can only be started with the transmission in a neutral position.
- (b) **Craning Control**
 - i All controls for craning **must** be located in the crane operator's cab within easy reach of the operator;
 - ii The crane **must** be provided with joystick crane controls;
 - iii The crane **must** be provided with all the controls and indicators for safe crane operation; and
 - iv This **must** include controls and instruments for the boom, hoists, telescoping, outriggers and turntable.

3.14 **Instruments**

- (a) The instruments **must** include an hour-meter, which displays the accumulated running time up to at least 9,999 hours.
- (b) **Load Moment Indicator**
 - i The crane **must** be provided with a load moment indicator (LMI);
 - ii The load moment indicator (LMI) **must** include all the functions to maintain a safe operating condition for the operator;
 - iii No operator intervention **must** be required to maintain safe operating conditions;
 - iv The LMI display **must** be configurable with both English and French languages; and
 - v It is preferred that the instrumentation has a back-lit LCD display.

3.15 **Electrical System**

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

3.16 **Lighting** - The crane **must** be provided with all forward and rear lights required for the safe operation of the crane during the night and low light conditions.

3.16.1 **Work Lights**

- (a) Work lights **must** be provided; and
- (b) The work lights **must** illuminate the forward work area, boom tip and all outriggers.

3.16.2 **Amber Coloured Beacon**

- (a) An amber-coloured omni-directional beacon that operates continuously when the vehicle is running **must** be provided;
- (b) The beacon **must** be mounted so as to provide maximum vehicle visibility. It is preferred that the visibility be through 360 degrees;
- (c) It is preferred that the beacon be mounted on the cab roof; and
- (d) The beacon **must** be LED.

3.17 **Hydraulic System** - **Must** be commercially equipped.

(a) **Hydraulic Oil Heater**

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

3.18 **Lubricants and Hydraulic Fluids**

- (a) Manufacturer's standard synthetic non-proprietary lubricants and hydraulic fluids **must** be provided; and
- (b) Lubrication fittings **must** conform to SAE J534.

3.19 **Paint** - **Must** be commercially equipped.

3.20 **Identification** - The manufacturer's name, model and vehicle serial number **must** be permanently marked in a conspicuous and protected location.

3.21 **Labels** - All written warning and instruction labels **must** be in English and French.

3.22 **Vehicle Delivery Condition**

- (a) If the vehicle requires assembly at destination, the contractor **must** be responsible for all manpower and equipment to perform assembly;
- (b) The space for assembly at destination will be provided, if required;
- (c) For shipment verification, items such as wheel wrenches, jacks, and all other tools, equipment and accessories, which are shipped loose, **must** be listed on the shipping certificate or to an attached packing note;
- (d) Fuel tank(s) **must** be half to three quarters full on delivery; and
- (e) Lubricant viscosity provided **must** be in accordance with the manufacturer's specifications for the destination and the season of delivery.

4. Integrated Logistic Support

4.1 Contractor Documentation and Logistic Items

4.1.1 Items Supplied to Technical Authority

(a) Manuals for Approval

- i The Contractor **must** supply a set of manuals for each Configuration/model, in digital format, including the operator, parts and maintenance (shop repair) manuals. Manuals may cover more than one (1) configuration/model;
- ii The set of manuals **must** include manuals for all the specified accessories and features for the configuration/model. Accessory manuals may be included as supplements to the vehicle/equipment manuals;
- iii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection;
- iv Digital copies **must** be supplied on a CD or DVD;
- v Digital copies **must** be supplied in a searchable PDF format;
- vi The CD or DVD **must** be permanently and legibly marked with a list of contents;
- vii Manuals will not be returned;
- viii Manual approval, request for additional documentation and/or request for amendments will be supplied within 15 working days of receipt.
- ix The Contractor **must** supply the additional documentation and implement the changes as requested by the **Technical Authority**; and
- x Paper copies of manuals delivered under this contract **must** have the same content as the electronic format approved by the **Technical Authority**.

(b) Photographs and Line Drawings

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

(c) **Data Summary**

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

(d) **Safety Data Sheets**

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

(e) **Warranty Letter**

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

(f) **Initial Parts Kit List**

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

- (g) **Training Plan(s)** - The Contractor **must** supply a training plan for approval for each of the training courses listed in paragraph 4.2, to the **Technical Authority**; and
- (h) **Certification Documents** - The Contractor **must** supply a copy of the crane certification in accordance with CSA Z150 *Safety Code on Mobile Cranes*, to include accessories, such as man-baskets, to the **Technical Authority** for each vehicle delivered.

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

- (a) **Operator's Manuals** - The Contractor **must** supply a **Technical Authority** approved bilingual operator's manual in both paper and digital PDF format with each vehicle/equipment delivered.
- (b) **Warranty Letter** - The Contractor **must** supply a copy of the warranty letter with each vehicle/equipment delivered.
- (c) **Safety Data Sheets**
 - i The Contractor **must** supply a set of material safety data sheets; and
 - ii The material safety data sheets **must** be the same as those provided to the **Technical Authority** as per paragraph 4.1.1 (d).
- (d) **Keys** - The contractor **must** supply two (2) keys in accordance with paragraph 3.6 (a).
- (e) **Certification Documents** - The Contractor **must** supply the manufacturer's certification for the crane, in accordance with CSA Z150 *Safety Code on Mobile Cranes*, to include accessories, such as man-baskets.
- (f) **Initial Parts Kit**
 - i One (1) initial parts kit **must** be supplied; and
 - ii The initial parts kit **must** include a set of parts in the approved initial parts kit list (paragraph 4.1.1 (f)).
- (g) **Paper Maintenance Manual - English**
 - i The Contractor **must** supply the **Technical Authority** approved maintenance (shop repair) manuals in paper format and in English required for the maintenance and repair of the vehicle/equipment, features and accessories; and
 - ii The contractor may supply this deliverable as a bilingual package.
- (h) **Paper Maintenance Manual - French**
 - i The Contractor **must** supply the **Technical Authority** approved maintenance (shop repair) manuals in paper format and in French required for the maintenance and repair of the vehicle/equipment, features and accessories; and
 - ii The contractor may supply this deliverable as a bilingual package.
- (i) **Digital Maintenance Manual - English**
 - i The Contractor **must** supply the **Technical Authority** approved, searchable PDF digital maintenance (shop

repair) manuals in English required for maintenance and repair of the vehicle/equipment features and accessories; and

- ii The contractor may supply this deliverable as a bilingual package.

(j) **Digital Maintenance Manual - French**

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

(k) **Paper Parts Manual**

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

(l) **Digital Parts Manual** - The Contractor **must** supply the **Technical Authority** approved, searchable PDF digital parts manuals required for the vehicle/equipment, features and accessories on a CD/DVD-ROM.

4.2

Training

(a) **Technician Course**

- i The contractor **must** supply a technician training course at each delivery destination;
- ii The course **must** be delivered in the official language (English or French) specified in the contract for that delivery destination;
- iii The instructor **must** be an OEM Factory Certified Training Provider;
- iv **Curriculum** - The technician training course curriculum **must** include, but is not limited to, operation and maintenance safety precautions, overview of air, hydraulic and electrical systems (as applicable), preventive maintenance including servicing schedules, special tools and test equipment, diagnostics, troubleshooting, testing and adjustments for the vehicle/equipment, features and accessories;
- v The technician training course **must** have a minimum duration of five (5) days;
- vi The technician training course **must** accommodate up to six (6) technicians;
- vii The date for the technician training course **must** be arranged with the **Technical Authority**;

- viii After completion of the technician training course, the Contractor **must** have the "**PROOF OF TECHNICIAN TRAINING**" certificate signed by the senior course attendee; and
- ix The **Technical Authority** will supply the "**PROOF OF TECHNICIAN TRAINING**" document template in a digital format.

(b) **Operator Course**

- i The contractor **must** supply an operator training course at each delivery destination;
- ii The course **must** be delivered in the official language (English or French) specified in the contract for that delivery destination;
- iii The instructor **must** be an OEM Factory Certified Training Provider;
- iv **Curriculum**
 - 1. The operator training course **must** include safety precautions to be observed while operating and servicing the vehicle/equipment, vehicle/equipment operating characteristics, LMI calibration, pre-operating and pre-shutdown procedures and daily/weekly operator servicing procedures; and
 - 2. The course **must** include a minimum of four (4) hours operating experience per operator.
- v The operator training course **must** have a minimum duration of five (5) days;
- vi The operator training course **must** accommodate up to six (6) operators;
- vii The date for the operator training course **must** be arranged with the **Technical Authority**;
- viii After completion of the operator training course, the Contractor **must** have the "**PROOF OF OPERATOR TRAINING**" certificate signed by the senior course attendee; and
- ix The **Technical Authority** will supply the "**PROOF OF OPERATOR TRAINING**" document template in a digital format.

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PART 1 - GENERAL INFORMATION

1.1 Introduction

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

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

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

1.2 Summary

The Department of National Defence has a requirement to purchase two (2) all terrain cranes and ancillary items, including training, in accordance with the Purchase Description Crane, All Terrain, dated 2018-03-01 , and as described at Annex A - Pricing.

The requirement includes an option to purchase up to two (2) all terrain cranes and ancillary items to be exercised within twelve (12) months from the effective date of the contract.

1.3 Trade Agreements

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

1.4 Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

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

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

Delete: Bids will remain open for acceptance for a period of not less than sixty (60) days from the closing date of the bid solicitation

Insert: Bids will remain open for acceptance for a period of not less than ninety (90) calendar days from the closing date of the bid solicitation

2.2 Submission of Bids

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

2.3 Enquiries - Bid Solicitation

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

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

2.4 Applicable Laws - Bid

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

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or

territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.5 Improvement of Requirement During Solicitation Period

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

First page of the Request for Proposal signed by the bidder or an authorized representative of the Bidder (1 signed copy)

Section I: Technical Bid (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Section IV: Additional Information (1 hard copy)

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Bidders should submit, with their bid, the completed Technical Information Questionnaire for each configuration for which they are submitting a bid.

3.1.1 Substitutes and Alternatives

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

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


Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment specified in Part 6 and Annex A - Pricing. The total amount of Applicable Taxes must be shown separately.

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

3.1.2 SACC Manual Clauses

3.1.2.1 Exchange Rate Fluctuation Risk Mitigation

- 1. The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form PWGSC-TPSGC 450 , Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.
- 2. The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.

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3. The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).
4. At time of bidding, the Bidder must complete columns (1) to (4) on form PWGSC-TPSGC 450, for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.
5. Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

Canada requests that bidders submit the following information:

3.1.3 Best Delivery Date – Bid

3.1.3.1 Firm Quantity

While delivery of the equipment/vehicle is requested by 30 December 2018, the best delivery that could be offered is as follows:

Item 001 – two (2) all terrain cranes and ancillary items will be delivered within _____ weeks/calendar days from the effective date of the contract.

3.1.3.2 Optional Quantity

The best delivery that could be offered is as follows:

Item 002 - If an option is exercised, up to two (2) all terrain cranes and ancillary items will be delivered within _____ weeks/calendar days.

3.1.4 Supplier Contacts

Name and telephone number of the person responsible for:

General enquiries

Name: _____

Telephone No.: _____

Facsimile No.: _____

E-mail address: _____

Delivery follow-up

Name: _____

Telephone No.: _____

Facsimile No.: _____

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E-mail address: _____

3.1.5 After Sales Service CFB Halifax

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

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

Name: _____

Address: _____

Telephone No.: _____

3.1.6 Manufacturer's Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component that exceeds the minimum warranty period of twelve (12) months. Any additional manufacturer's standard warranty such as those derived from the Original Equipment Manufacturer (OEM) for component/sub-assemblies will form part of the proposed contract.

3.1.7 Extended Warranty Period

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

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

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Mandatory Technical Evaluation Criteria

4.1.1.1 Mandatory Proof of Compliance

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

4.1.1.2 Substitutes and/or Alternatives

Bidders proposing substitutes and/or alternatives must provide with their bid, all the information as detailed in Part 3, Section 1, - Substitutes and Alternatives to be considered for evaluation.

4.1.1.3 Two Step Bid Evaluation Process

1. EVALUATION PROCEDURES

a. Introduction

Canada is conducting a two-step bid evaluation process for this requirement. Step 1 consists of an evaluation of all bids and, if necessary, the release of a Preliminary Evaluation Report to all Bidders. Step 2 consists of an evaluation of the Bidders responses to the Preliminary Evaluation Report (or "Report"). Only those bids deemed to be responsive at the completion of Step 2 will be fully evaluated to select the successful proposal.

b. Step 1

- i. Following receipt of Bids, carry out an initial review of all parts of the bids and generate a Preliminary Evaluation Report, in accordance with the following:

- 1. Canada will identify any instances where an Bid has failed to submit a required certification or proof of compliance or where a submitted document lacks the requisite signature(s).
- 2. Canada's initial review of price(s) will be limited to identifying whether required financial data is missing from the bid or whether or not GST/HST amounts are not separately.
- 3. The Report shall list only the instances where the bid is nonresponsive

to the requirements of the bid solicitation and the applicable solicitation references.

- ii. After this initial review, if any bid is determined to be non-responsive in accordance with the review parameters noted above, the Contracting Authority will;
 - 1. provide each Bidder with a Report.
 - 2. Bidders whose bids are considered to be non-responsive will be invited by the Contracting Authority to submit additional or different information to demonstrate to Canada, in accordance with the solicitation, that the bid is compliant with the solicitation requirements. Except as expressly permitted above, information submitted for any other line item or category will not be considered nor will submitted information be used to evaluate any other section of an Bidder's bid or the solicitation requirement.
- iii. For Bidders whose bids are considered to be responsive, the Report will only identify that they are responsive for the mandatory requirements evaluated.
- iv. If all bids are determined to be responsive, no Preliminary Evaluation Reports will be issued and the Contracting Authority will complete the full bid evaluation, including the Financial Bid evaluation, using the original bid documents submitted.
- c. Step 2
 - i. All Bidders are requested to provide written confirmation of receipt of the Report to the Contracting Authority. Bidders who do not confirm receipt will be deemed to have received the Report as of the date issued by Canada.
 - ii. Only non-responsive Bidders shall submit further information in response to the Report in accordance with the following;
 - 1. The Bidder's response to the Report must follow the Bid Preparation Instructions (such as, for example, separating financial information from other information as required). Canada requests that Bidders clearly indicate, for each response, which non-responsive requirement identified in the Report is being responded to.
 - 2. Responses to the Report must be submitted to the Contracting

Authority on or before the date and time specified in the Report. Failure to do so will result in the bid being deemed non-responsive and the bid will receive no further consideration.

3. Information submitted by non-responsive Bidders in response to the Report and accepted by Canada will be deemed to replace, in full, only the non-responsive information or response in the Bidder's original bid as identified in the Report and will be used for the remainder of the bid evaluation process.
4. Where the price for a required line item has been left blank, only the missing information may be added to the Financial Bid for Step 2, except that, in those instances where the addition of such information will necessarily result in a change to other pricing or cost information previously submitted as a result of calculations required by the solicitation (for example, the calculation to determine a total price), such necessary adjustments shall be identified by the Bidder and only these adjustments shall be made. Any other changes to the Bid shall be considered to be new information and will be disregarded.
5. Any adjustments to a non-responsive bid are at the Bidder's sole discretion and will be made solely by the Bidder. Canada will not provide information about any other bid or any information as to how an Bidder should complete its response, if any, to the Report. Bidders are and will remain solely responsible for the accuracy and completeness of their bids and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying errors or omissions in bids submitted nor does Canada undertake to identify any or all such errors or omissions. Bidders are and will remain solely responsible for ensuring consistency of the information submitted in their bids at all times. Without limiting the foregoing, Bidders are and will remain solely responsible for ensuring that any information provided in response to the Report is consistent with any other information originally submitted in their bid in response to other requirements. Failure to do so may prejudice the evaluation of previously submitted information and/or render the bid non-responsive.
6. For those instances where an Bidder chooses not to submit additional or different information for a requirement identified as nonresponsive in the Report, the Bidder must submit a response indicating "No Change" for such requirement and the original response for that item will continue to apply. If an Bidder does not respond to a requirement identified as non-responsive, the Bidder will be deemed to have provided

- a "No Change" response and the original response for that item will continue to apply.
- d. Once a Preliminary Evaluation Report has been issued and non-responsive Bidders have submitted further information in response to the Report:
 - i. Canada will conduct a final review of the non-responsive requirements listed in the Report provided to each Bidder, taking into account the additional or different information submitted, to determine if these requirements have been met as required in the solicitation. Should one or more of the requirements initially evaluated as non-responsive continue to be evaluated as non-responsive after review of the additional or different information, the bid will be deemed nonresponsive and will not be given any further consideration. The bid will also be evaluated as non-responsive if the additional or different information submitted renders non-responsive any other mandatory requirements.
 - ii. Bids that have demonstrated responsiveness at the conclusion of the final review of all mandatory requirements will continue to be evaluated at Step 2.
- e. Canada will conduct a full review and evaluation of the Financial Bids for those Bidders, whose bids have demonstrated responsiveness at the conclusion of the final review of all mandatory requirements.

4.1.2 Mandatory Financial Evaluation Criteria

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

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

4.1.3 Evaluated Aggregate Price

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

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

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

4.2 Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

In accordance with the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (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.

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

5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Product Conformance

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

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

Bidder's authorized representative signature

Date

5.2.3.2 General Environmental Criteria Certification

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

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

Bidders' Authorized Representative Signature

Date

Or

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

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

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	

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All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

Bidders' Authorized Representative Signature

Date

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirement

There is no security requirement associated with this bid solicitation.

6.2 Requirement - Contract

The Contractor must deliver two all-terrain cranes and ancillary items, including training, in accordance with the Purchase Description Crane All Terrain, dated 2018-03-01, and at Annex A - Pricing.

An option is included to purchase up to two (2) vehicles and ancillary items to be exercised within twelve (12) months from the effective date of the contract.

6.2.1 Technical Changes, Substitutes and Alternatives

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

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

6.2.2 Optional Goods and/or Services

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

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

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

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

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

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

Delete subsection 2 in its entirety and replace 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), Canada 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.

6.4 Term of Contract

6.4.1 Delivery Date

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

Firm Quantity

Item 001 – Two all-terrain cranes and ancillary items must be delivered within to be inserted by PSPC weeks/calendar days from the effective date of the contract.

Optional Quantity

Item 002 - If the option is exercised, up to two (2) all-terrain cranes and ancillary items must be delivered within to be inserted by PSPC weeks/calendar days after an option is exercised.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Sherline Pieris
Supply Specialist
Public Services and Procurement Canada

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Acquisitions Branch
LEFTD - HS Division
Place du Portage, Phase III, 7B1
Gatineau, Quebec K1A 0S5
Telephone: 819-420-1096
E-mail address: sherline.pieris@pwgsc-tpsgc.gc.ca

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

6.5.2 Procurement Authority

The Procurement Authority for the contract is:

To be inserted by PSPC

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

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

6.5.3 Technical Authority

The Technical Authority for the Contract is:

To be inserted by PSPC

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

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

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

6.5.4 Contractor's Representative

General enquiries

Name: To be inserted by PSPC

Telephone No.:

Facsimile No.:

E-mail address:

Delivery follow-up

Name: To be inserted by PSPC

Telephone No.:

Facsimile No.:

E-mail address:

6.5.5 After Sales Service CFB Halifax

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

Distance between the delivery location and the dealer and/or agent: to be inserted by PSPC km

Name:

Address:

Telephone Number:

6.6 Payment

6.6.1 Basis of Payment

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

6.6.1.1 Basis of Payment (BOP) Type 1

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

6.6.1.2 Basis of Payment (BOP) Type 2

Firm lot 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.

6.6.1.3 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 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 relevant information.

6.6.1.4 Basis of Payment (BOP) Type 4

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.

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

6.6.2 SACC Manual Clauses

SACC Reference	Title	Date
C6000C	Limitation of Price	2017-08-17
H1001C	Multiple Payments	2008-05-12

6.6.3 Exchange Rate Fluctuation Adjustment

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.
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.
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:

$$\text{Adjustment} = \text{FCC} \times \text{Qty} \times (i_1 - i_0) / i_0$$

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

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exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])

Qty

quantity of units

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. 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.
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.
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. $[i_1 - i_0] / i_0$).
8. Canada reserves the right to audit any revision to costs and prices under this clause.

6.7 Invoicing

6.7.1 Invoicing Instructions

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

7. Invoices must be distributed as follows:

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

6.7.2 Holdback

- 1. Canada will apply a ten (10) percent holdback on any due payment for the vehicle/equipment/service (Items 001, 002 and 004) until delivery, inspection and acceptance of all ancillary items related to such vehicle/equipment/service.
- 2. Subsequent to delivery, inspection and acceptance of all ancillary items related to such vehicle/equipment/service the Contractor must submit an invoice for the release of the Holdback in accordance with "Invoicing Instructions" found in this contract.

6.8 Certifications

6.8.1 Compliance

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

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

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

6.9 Applicable Laws - Contract

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

6.10 Priority of Documents

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

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- (a) the Articles of Agreement;
- (b) the 2010A (2016-04-04) General Conditions - Medium Complexity - Goods;
- (c) Annex A - Pricing;
- (d) Purchase Description for Crane, All Terrain, dated 2018-03-01;
- (e) Annex B - Federal Contractors program for employment equity - Certification
- (f) The Contractor's bid dated (to be inserted by PSPC) _____, as amended (to be inserted by PSPC) _____.

6.11 SACC Manual Clauses

SACC Reference	Title	Date
A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16
A9049C	Vehicle Safety	2011-05-16
A9062C	Canadian Forces Site Regulations	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian Contractors	2017-08-17
D5510C	Quality Assurance Authority - (DND) - Canadian Based Contractor	2017-08-17
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5604C	Release Document (DND) - Foreign Based Contractor	2008-12-12
D5605C	Release Documents (DND) - United States-based Contractor	2010-01-11
D5606C	Release Documents (DND) - Canadian-based Contractor	2017-11-28
G1005C	Insurance	2016-01-28

6.12 Inspection and Acceptance

The Technical Authority or his representative 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 it's representative. Should any report, document, good or service not be in accordance with the requirements of the Purchase Description and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.13 Preparation for Delivery

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

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2. All vehicles/equipment are to be delivered by appointment only. Any attempt by the carrier to deliver the vehicles/equipment without an appointment may be refused. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable, to pay for any additional costs.

6.14 Shipping Instructions - Delivery at Destination

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

6.15 Delivery and Unloading

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

6.16 Release Documents - Distribution

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

One (1) copy mailed to consignee marked: "Attention: Receipts Officer";

Two (2) copies with shipment (in a waterproof envelope) to the consignee;

One (1) copy to the Contracting Authority;

One (1) copy to:

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

One (1) copy to the Quality Assurance Representative;

One (1) copy to the Contractor; and

For all non-Canadian contractors, one (1) copy to:

DQA/Contract Administration
National Defence Headquarters

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Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
E-mail: ContractAdmin.DQA@forces.gc.ca.

6.17 Post-Contract Award Meeting

Within ten (10) calendar days from the effective date of the Contract, the Contractor must contact the Contracting Authority to determine if a post-contract award meeting is required. A meeting will be convened at the discretion of the Technical Authority after contract award to review technical and contractual requirements. The Contractor shall be responsible for the preparation and distribution of the minutes of meeting within five (5) calendar days after the meeting has been held. The meeting will be held at the Contractor's facilities or at the Department of National Defence facility or via teleconference, at Canada's discretion at no additional cost to Canada, with representatives of the Contractor, the Department of National Defence and Public Works and Government Services Canada.

6.18 Progress Reports

The Contractor must prepare and submit a monthly progress report electronically to the Procurement Authority, Technical Authority and Contracting Authority.

The Contractor must answer the following questions:

- (i) Is the delivery of the vehicle/equipment and ancillary items on schedule?
- (ii) Is this requirement free of any areas of concern in which the assistance or guidance of Canada may be required?

Each negative response must be supported with an explanation.

6.19 Tools and Loose Equipment

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

6.20 Assembly/Preparation at Delivery

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

6.21 Interchangeability

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

ANNEX A - PRICING

Item 001 – All-Terrain Crane (Firm Quantity)

The Contractor must deliver two (2) all-terrain cranes and ancillary items such as but not limited to vehicle manuals, warranty letter, safety data sheets, keys, certification documents and Initial Parts Kits including training, in accordance with the attached Purchase Description Crane, All Terrain, dated 2018-03-01

Configuration A1

One (1) all-terrain crane and ancillary items must be delivered to:

CFB SUP Halifax
Major Equipment Section
HMC Dockyard
Halifax, NS B3K 5X5

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

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

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

Configuration A2

One (1) all-terrain crane and ancillary items must be delivered to:

CFB SUP Halifax
Major Equipment Section
HMC Dockyard
Halifax, NS B3K 5X5

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

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

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

Item 002 – All-Terrain Crane (Optional Quantity)

If this option is exercised, the Contractor must deliver up to two (2) all-terrain cranes and ancillary items such as but not limited to vehicle manuals, warranty letter, safety data sheets, keys, certification

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documents and Initial Parts Kits excluding training, in accordance with the attached Purchase Description Crane, All Terrain, dated 2018-03-01.

Configuration A1

Quantity: up to one (1)

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

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

Configuration A2

Quantity: up to one (1)

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

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

Item 003 - Transportation Cost (Optional Quantities)

If an option is exercised in accordance with item 002 above, the Contractor must deliver the vehicle/equipment to destination as follows:

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

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

The all-terrain crane and ancillary items must be delivered to:

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

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

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

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

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Item 004 - Training (Option)

If this option is exercised, the Contractor must provide up to two (2) training, in accordance with the attached Purchase Description for Crane, All Terrain, dated 2018-03-01.

Configuration A1

Quantity: up to one (1)

Firm unit price of \$_____ in accordance with Part 6, Basis of Payment Type 2.

Configuration A2

Quantity: up to one (1)

Firm unit price of \$_____ in accordance with Part 6, Basis of Payment Type 2.

Item 005 - Travel and Living Expenses – National Joint Council Directive, for Familiarization Instruction/Training (Option)

The Contractor must deliver the familiarization instruction/training for Configuration (to be inserted by PSPC if an option is exercised) to:

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

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

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

Item 006 – Extended Warranty Period

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

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

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ANNEX B

FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

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

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

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

Complete both A and B.

A. Check only one of the following:

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

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

OR

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

B. Check only one of the following:

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

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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)



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.

APPENDIX 1

TECHNICAL INFORMATION QUESTIONNAIRE
CRANE, ALL TERRAIN

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

Where the specification paragraphs below indicate "Proof of Compliance", the "Proof of Compliance" **must** 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.

Definitions for **Equivalent** and **Proof of Compliance** are found in the DEFINITIONS section at the end of this document.

When the published lift distance is different than the requested evaluation distance, the next higher published value will be used for evaluation unless the bidder provides a Proof of Compliance for that distance.

CONTRACTOR INFORMATION

Contractor Name: _____

Address: _____

Proposal Date: _____

Substitutes/Alternatives

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

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

Revisions		
Rev	Date	Description
A	2016/12/12	Initial Release.
B	2017/06/07	Change sub-para ref from 3.4.3(d) to 3.4.3(c)
C	2018/03/01	No change in main text, just redated.

OPI DSVPM 4 – DAPVS 4

Issued on Authority of the Chief of the Defence Staff

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

Vehicle Make: _____; Model: _____

DATA TABLE

CHARACTERISTIC	CLAUSE	VALUE	UNIT	DOCUMENT TITLE	PAGE
FORWARD SPEED	3.4.1		km/h		
TURNING CIRCLE - WALL TO WALL	3.4.2		mm		
LIFT AT 3 m	3.4.3(c)i		kg		
LIFT AT 10 m	3.4.3(c)ii		kg		
LIFT AT 18 m	3.4.3(c)iii		kg		
LIFT AT 30 m	3.4.3(c)iv		kg		
LIFT AT 50 m	3.4.3(c)v		kg		
BOOM LENGTH	3.5(a)iv		mm		

3.4.4(a) Axle Loading - Proof of Compliance

Maximum axle loading when configured for lift of 5,500 kg at 30 m radius, with outriggers retracted = _____ kg

Information found in document: _____, Page: _____.

3.4.4(b) Outrigger Pad Force - Proof of Compliance

Outrigger Pad Force with outrigger pad of nominal diameter 760 mm for lift of 1,100 kg at 50 m radius: _____ kN.

Document Title: _____ - Page: _____

DEFINITIONS

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

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

- b) "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 **must** 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 **must** be provided. The certificate **must** 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.