



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

Akin.Mustaga@forces.gc.ca

Proposal To: National Defence 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 and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale 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 et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Title/Titre Utility Work Machines	Solicitation No – N° de l’invitation W6399-20-LD03/A
Date of Solicitation – Date de l’invitation October 2, 2020	
Address Enquiries to – Adresser toutes questions à Akin Mustafa Akin.Mustafa@forces.gc.ca	
Telephone No. – N° de téléphone	FAX No – N° de fax
Destination See Herein – Voir ci-inclus	

Instructions:

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

**Solicitation Closes –
L’invitation prend fin**

At – à : **02:00 PM EDT**

On - le : **05 November 2020**

Delivery required - Livraison exigée 31 December, 2020	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

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PART 1 – GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to this Contract.

1.2 Statement of Work

The requirement is detailed in Annex “A”, Statement of Work.

1.3 Debriefings

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

1.4 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-Chile Free Trade Agreement (CCFTA), the Canadian Free Trade Agreement (CFTA), the Canada-Peru Free Trade Agreement (CPFTA), the Canada-Columbia Free Trade Agreement (CCoFTA), the Canada-Panama Free Trade Agreement (CPanFTA), the Canada-Honduras Free Trade Agreement (CHFTA), the Canada-Korea Free Trade Agreement (CKFTA), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), the Comprehensive and Progressive Partnership in Transpacific Trade (CPTTP), and the Canada- Ukraine Free trade agreement (CUFTA).

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 Standard Acquisition Clauses and Conditions Manual(<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditionsmanual>) Manual issued by Public Works and Government Services Canada.

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

The 2003 (2019-03-04), Standard Instructions – Goods and Services – Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modifications:

- a) Section 2, Procurement Business Number is deleted in its entirety.
- b) Section 20(2), Further Information is deleted in its entirety.
- c) Subsection 2.d. of Section 05, Submission of Bids, is deleted in its entirety and replaced with the following:

Send its bid only to the address specified in the bid solicitation.
- d) Section 06, Late Bids, Is deleted in its entirety;
- e) The text under Section 07, Delayed Bids, is deleted in its entirety and replaced with the following:

It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Misrouting or other electronic delivery issues resulting in late submission of bids will not be accepted.

Section 08, Transmission by facsimile or by epost Connect, is deleted in its entirety.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services –Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 120 calendar days

2.2 Electronic Submission of Bids

- a) Bids must be submitted only to the Department of National Defence by the date, time and place indicated on page 1 of the bid solicitation. Bids must be received electronically as noted in subparagraph b).
- b) **Electronic Submissions: Individual e-mails exceeding five (5) megabytes, or that includes other factors such as embedded macros and/or links, may be rejected by the DND e-mail system and/or firewall(s) without notice to the Bidder or Contracting Authority.** Larger bids may be submitted through more than one e-mail. The Contracting Authority will confirm receipt of documents. It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Bidders should not assume that all documents have been received unless the Contracting Authority confirms receipt of each document. In order to minimize the potential for technical issues, Bidders are requested to allow sufficient time before the closing time and date to confirm receipt. Technical and financial documents received after the closing time and date will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 7 (seven) 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 question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

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

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

PART 3 – BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

Section I: Technical Bid (1 soft copy);

Section II: Financial Bid (1 soft copy);

Section III: Certifications (1 soft copy);

Section IV: Additional Information (1 soft copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid. Bidders may use Annex C to indicate their prices. If Bidders choose to use Annex C to indicate their prices, Bidders must include Annex C in their financial bid.

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.

Section II: Financial Bid

Bidders must submit their financial bid as follows:

Bidders must submit firm prices, Delivered Duty Paid (DDP) as noted Ashton, ON, Incoterms 2010, Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately.

3.1.1 Electronic Payment of Invoices – Bid

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

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

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

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

3.1.3 SACC Manual Clauses

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

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 the financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

As detailed in Annex "B" – Technical Information Questionnaire.

4.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) at destination of the goods as noted in Annex "A" Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

4.3 Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications 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.

5.1.1 Integrity Provisions – Required Documentation

In accordance with the [Ineligibility and Suspension Policy \(http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html\)](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.

5.1.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the Employment and Social Development Canada (ESDC) - Labour's website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

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.

PART 6 – RESULTING CONTRACT CLAUSES

6.1 Security Requirement

6.1.1 There is no security requirement applicable to this Contract.

6.2 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex "A".

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 (2018-06-21), General Conditions – Goods (Medium Complexity), apply to and form part of the Contract.

a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before 31 December, 2020.

6.4.2 Shipping Instructions

Goods must be consigned and delivered to the destination specified in the contract:

Ashton ON, exact address details will be given at contract award.

6.4.3 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex C of the Contract 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 Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is: (To be inserted by PSPC)

Name: Akin Mustafa
Title: Junior Material Acquisition and Support Officer
Organization: DLP 8-2-3-1
Telephone: 613-990-3980
Email: Akin.Mustafa@forces.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 Technical Authority:

The Technical Authority for the Contract is:

Name: _____ (To be inserted by PSPC at time of contract award.)

Title: _____

Organization: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail: _____

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

6.5.3 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries

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

Delivery follow-up

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

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 a firm price as specified in Annex "C" – Basis of Payment. Custom duties are included and Applicable Taxes are extra.

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

6.6.2 SACC Manual Clauses

[B7500C](#) (2006-06-16), Excess Goods
[H1000C](#) (2008-05-12), Single Payment

6.6.3 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

Each Invoice must be supported by:

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

2. Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.8 Certifications

6.8.1 Compliance

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

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) [2010A](#) (2018-06-21), General Conditions – Goods (Medium Complexity);
- (c) Annex "A" – Statement of Work;
- (d) Annex "B" – Technical Information Questionnaire
- (e) Annex "C" – Basis of Payment;
- (f) The Contractor's bid dated _____

6.11 Defence Contract

[A9006C](#) (2012-07-16), Defence Contract

6.12 Insurance

[G1005](#) (2016-01-28), Insurance – No Specific Requirement

6.13 Packaging Requirement

The Contractor must prepare item number(s) 1 (one) for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification *D-LM-008-036/SF-000*, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package item number(s) 1 (one) in quantities of 1 (one) by package.

[D2000C](#) (2007-11-30), Markings

[D2001C](#) (2007-11-30), Labelling

Solicitation No. - N° de l'invitation Amd. No. - N° de la modif.
W6399-20-LD03

Buyer ID - Id de l'acheteur
DLP 8-2-3-1

6.14 Quality Assurance

[D5545C](#) (2019-05-30), ISO 9001:2008 – Quality Management Systems Requirement (Quality Assurance Code C)

ANNEX "A"

Statement of Work

PART 1 – SCOPE

1.1 Scope

This Statement of Work covers the requirements for a utility work machine.

1.2 Instructions

The following instructions apply to this Statement of Work:

- (a) Requirements, which are identified by the word "must", are mandatory. Deviations will not be permitted;
- (b) Requirements identified with a "will" define actions to be performed by Canada and require no action/obligation on the Contractor's part;
- (c) Where "must", or "will" are not used, the information provided is for guidance only;
- (d) Where a standard is specified and the Bidder has offered an equivalent, that equivalent standard must be supplied by the Bidder;
- (e) Where a technical certification is referred to in this Statement of Work, a copy of the certification or an acceptable Proof of Compliance must be supplied for the vehicle when requested by the Technical Authority up until the date of the expiration of the warranty period; and
- (f) While the SI system must be used as the primary system of measurement to define requirements of this Statement of Work, 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.

1.3 Definitions

The following definitions apply to the interpretation of this Statement of Work;

- (a) "Provided" means "provided and installed";
- (b) "Technical Authority" - The government official responsible for technical content of this requirement;
- (c) "Equivalent" means 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) "Proof of Compliance" - A document such as a brochure, a third party test report, a report generated by third party software, or a certificate of attestation signed by a senior representative of the Original Equipment Manufacturer (such as a certified engineer) indicating the performance and/or feature specified;
- (e) "Vehicle" is defined as a four-wheeled utility vehicle, two passenger with a diesel engine;
- (f) "Gross Vehicle Weight Rating" (GVWR) means the maximum operating weight of the vehicle as stated by the manufacturer;

- (g) "Curb Weight" is the empty weight (no payload included) of a fully equipped vehicle. Curb weight must include the cab and chassis, Contractor supplied equipment, and full fuel tanks, lubricants, and coolants; and
- (h) The term "PAYLOAD" is defined as the unencumbered carrying capacity of the Utility Work Machines (i.e., GVWR less Curb Weight).

1.4 Configuration Capability Table

The following table details the minimum design requirements, which must be met for the configuration offered:

DESCRIPTION	CLAUSE	QUANTITY	UNITS
OVERALL EXTERIOR WIDTH	2.4.1	152	cm
		60	in
HARD PACKED ROAD SPEED	2.4.2(a)	27	km/h
		17	mph
FUEL TANK CAPACITY	2.4.2(b)	76.1	liters
		20	gallons (US)
TOWING CAPACITY	2.4.2(c)	1810	kg
		4000	lbs
BOX CAPACITY	2.6(c)	907	kg
		2000	lbs

1.5 Applicable Documents

The following documents are referenced in this Statement of Work. Canada will not be supplying any reference documents. Available information on the organization is supplied.

Hazardous Products Act

Government of Canada

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

SAE Handbook

www.sae.org

Motor Vehicle Safety Regulations (MVSR)

Government of Canada, Transport Canada,

<http://www.tc.gc.ca/eng/act-regulations/regulations-crc-c1038htm>

PART 2 - REQUIREMENTS

2.1 Standard Design

The Utility Work Machines must:

- (a) Be the latest model from a manufacturer who has demonstrated acceptability by selling this type and size class of vehicle for at least five (5) years;
- (b) Include all components and accessories normally supplied for this application, although they may not be specifically described in this Statement of Work;
- (c) Have engineering certification available for this application from the original manufacturers of major equipment, systems and assemblies;
- (d) 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) With accessories, operate in accordance with all original equipment manufacturers' (OEM) rated capacities and performance specifications.

2.2 Operating Conditions

The vehicle must operate safely and efficiently on secondary roads, gravel roads, and off-road (e.g. construction sites, open fields and dirt tracks) in year round operations on snow, mud, sand and ice in temperatures ranging from -46°C to +40°C.

2.3 Safety Standards

2.3.1 Vehicle Safety Regulation

The vehicle must:

- (a) Meet the provisions of the Motor Vehicle Safety Regulations (MVSR); and
- (b) Have a Safety Compliance Certification Label with a National Safety Mark (NSM) as a seal of compliance.

2.3.2 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 time of delivery.

2.3.3 Human Engineering and Safety

The Utility Work Machines systems and components must:

- (a) Be designed for easy performance of all maintenance and repair tasks with a minimum of special tools. A 95th percentile male or 5th percentile female (as per SAE Rule B3.9.3) must be able to easily access all engine, drive train heating/cooling system, electrical and hydraulic components;

- (b) For preventive maintenance, removal and repair tasks. No access panel must be permanently attached (i.e. no riveted plates);
- (c) Be safe and easy to use by a 95th percentile male or 5th percentile female under all operating conditions;
- (d) Be equipped, where required for operator safety, with safety features such as warning and instruction plates, heat shields and protective covers over rotating/moving parts; and
- (e) Be equipped with non-slip footrests.

2.3.4 Maintainability

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

2.4 Dimensions and Performance

2.4.1 Dimensions

The vehicle must have an overall exterior width including fender flare of no more than that given as "OVERALL EXTERIOR WIDTH" in the Configuration Capability Table.

2.4.2 Performance

The vehicle with the rated payload must:

- (a) Be capable of sustaining a speed over hard packed roads in accordance with SAE J1634 of at least that given as "HARD PACKED ROAD SPEED" in the Configuration Capability Table;
- (b) Have a fuel tank capacity of no less than that given as "FUEL TANK CAPACITY" in the Configuration Capability Table; and
- (c) Be capable of towing at least the load given as "TOWING CAPACITY" in the Configuration Capability table.

2.5 Operator Station

The vehicle operator station must:

- (a) Be a fully enclosed, weather-proof compartment incorporating a Roll-Over Protective Structure (ROPS) as follows:
 - a. A steel framed windshield equipped with windshield wipers and a windshield washer;
 - b. A roof made of metallic material; and
 - c. A rigid rear cab panel;
- (b) Be designed for use by one (1) operator and one (1) passenger in a two-up configuration where the operator and passenger sit side-by-side, one on each side of the fore/aft centerline of the vehicle;
- (c) Include heating and air conditioning;
- (d) Include two (2) padded bucket seats for the operator and passenger, each with a three-point safety harness or seat-belt; and

- (e) Include side and rear view mirrors positioned to provide the operator a full view of both sides and the rear of the vehicle for safe reverse operations

2.6 Chassis

The vehicle chassis must include:

- (a) A steel frame;
- (b) A rear receiver hitch with a two inch ball;
- (c) Fenders on all wheels to prevent the operator and passenger from being sprayed by mud and rocks; and;
- 1. A rear hydraulic cargo dump box that is hinged to permit dumping the contents towards the rear of the machine with a capacity of no less than that given as 'BOX CAPACITY" in the Configuration Capability Table.

2.7 Engine

The engine must:

- (a) Operate on ultra-low sulphur diesel fuel;
- (b) Be turbocharged and electronically controlled;
- (c) Be liquid cooled and provided with coolant for temperatures down to -40° C;
- (d) Have a horsepower rating of no less than 60hp; and
- (e) Meet current Canadian emission standards.

2.8 Transmission/Power Train

The vehicle must be equipped with:

- (a) A transmission with dual-range forward speeds (high/low), neutral and reverse; and
- (b) Four-wheel drive system with limited slip differentials (front and rear) and traction control.

2.9 Suspension

The vehicle must have four-wheel fully independent suspension.

2.10 Brake System

The vehicle must be equipped with the manufacturer's standard braking system that includes a parking brake.

2.11 Steering

The vehicle must be equipped with manufacturer's standard hydraulic power all-wheel steering system with the ability to switch to front-wheel steering only by the operator.

2.12 Wheels and Tires

The wheels and tires must be the manufacturer's standard that are suitable and adequately sized for this application including the following:

- (a) Tubeless turf tires; and
- (b) Steel wheels.

2.13 Controls

The vehicle must be equipped with the manufacturer's standard controls including keyless ignition.

2.14 Instruments

Instruments must be manufacturer's standard, including:

- (a) An hour meter;
- (b) An odometer/speedometer indicating kilometers;
- (c) Horn;
- (d) Heating and Air conditioning controls; and
- (e) Power steering with a tilt steering wheel.

2.15 Lighting

The vehicle must include battery rundown protection and the manufacturer's standard lighting including:

- (a) Minimum two (2) high/low beam headlights;
- (b) Tail running lights (minimum two (2));
- (c) Brake lights;
- (d) Signal lights;
- (e) Front and rear work lights;
- (f) Hazard lights; and
- (g) Interior dome light.

2.17 Attachments

The following attachments must be provided with the vehicle:

- (a) Forklift attachment as follows:
 - a. Standard steel forks with a combined lift capacity for smaller loads of no less than 680 kg (1500 lbs);
 - b. 122 cm (48 in) long by 10 cm (4 in) wide; and
 - c. Manually adjustable steel frame;

- (b) Bucket attachment as follows:
 - a. Standard duty steel bucket capable of moderate material handling (e.g., sand/soil, light snow, etc.); and
 - b. Minimum width of 188 cm (74 in);

- (c) Snow Blower attachment as follows:
 - a. Hydraulic drive motor;
 - b. Remote adjustment of chute (direction and deflector) from the operator station;
 - c. Width of no less than 183 cm (72 in); and
 - d. Adjustable skid shoes.
 - e.

2.18 Lubricants and Hydraulic Fluids

The vehicle must:

- (a) Operate using synthetic non-proprietary lubricants and hydraulic fluids; and
- (b) Be provided with grease fittings conforming to SAE J534.

2.19 Paint

The vehicle must be painted using manufacturer's standard commercial colours as follows:

- (a) Painted in accordance with the paint manufacturer's recommendations, rendering a durable finish and a smooth appearance free from runs, sag and orange peel; and
- (b) A phosphate treatment plus primer or an E-coat system on all ferrous metals, followed by a minimum of one coat of paint and a clear coat.

2.20 Identification

The following information must be permanently marked in a conspicuous and protected location:

- (a) The manufacturer's name, model number, and model year; and
- (b) Vehicle Identification Number (VIN).

2.21 Vehicle Delivery Condition

The vehicle must be delivered to destination in a fully operational condition (serviced and adjusted) and both the interior and exterior must be cleaned. For shipment verification, all items such as wheel wrenches, jacks, and all other tools, equipment and accessories, which are shipped loose with the vehicle, must be listed on the shipping certificate or to an attached packing note. The fuel tanks must be at least half full and the lubricants must be suitable for the destination and the season of delivery

2.22 Documentation and Support Items

The Contractor must provide the following documentation and support items.

- a) **Equipment Manuals** – The following manuals must be provided:
 - i. Operator's Manual – Operator's manual must be furnished in a hard copy bilingual format or as 2 manuals in a single binder (one English, one French). The operator's manual must contain the following information:
 - a. Instructions for the safe operation of the vehicle;

- b. Daily operator maintenance instructions/checks (including lubrication); and
- c. Safety Warnings;
- ii. **Parts Manual** – The Parts Manual must be in English in hard copy or electronic (MS Word or PDF) format. The Parts Manuals must contain the following information:
 - a. Illustrations showing all components of the vehicle including Equipment and accessories from other manufacturers that is supplied against the requirements of the contract. The illustrations must have numbers for the itemization of the parts;
 - b. A listing for all itemized parts showing the manufacturer's part numbers (including Original Equipment Manufacturer's) of the illustration, the part name and a brief description of the item; and
 - c. Cross reference relating all part numbers (including Original Equipment Manufacturer's) to the correct figure and item number;
- iii. **Maintenance (Shop Repair) Manual** - The Maintenance (Shop Repair) Manual must be in English in hard copy or electronic (MS Word or PDF) format. The Maintenance (Shop Repair) Manuals must contain the following information:
 - a. A trouble shooting guide, showing the steps and tests required to determine the exact cause of a problem and an explanation of what steps would be required to correct a problem;
 - b. A listing of the necessary tolerances, torque levels, fluid volumes required. A section listing any special tools (including item part numbers) required must be included; and
 - c. Information on the order of disassembly and assembly of the systems and components of the vehicle;

NOTE: Manuals on CD/DVD-ROM will be acceptable. A hard copy chassis Operator's manual must be provided with each vehicle.

- (b) **Data Summary** – A Data Summary for the vehicle;
- (c) **Photographs** – Two (2) digital pictures, one of the left front three-quarter view, and one of the right rear three-quarter view, taken with a clear uncluttered background and be at least 8 Mega pixels in JPEG format;
- (d) **Line Drawings** - One front-view and one side-view line drawing showing dimensions of the vehicle;
- (e) **Warranty Letter** – A paper copy of the completed bilingual Warranty Letter must be delivered with the vehicle, and a copy of the Warranty Letter in electronic format (PDF) must be delivered to the Technical Authority as follows:
 - i. Includes a complete description of the warranty with the requested warranty terms and any system or sub system warranty that exceeds the minimum requested; and
 - ii. Includes the name and contact information of the closest designated warranty provider that honour the warranty letter, and other designated warranty providers across Canada;
- (f) **Safety Data Sheets** - A list, in digital format, of all hazardous materials used on the vehicle and Material Safety Data Sheet (MSDS) for each of the hazardous materials identified;
- (g) **Preventive Maintenance Replacement Parts Kit** - The Contractor must provide to the Technical Authority a listing of the parts that are required to perform preventive maintenance to the vehicle for a period of 6 months. Components such as fan belts and fuses must be included. The list must include, as a minimum, the following elements:

- i. Part description;
 - ii. Original Equipment Manufacturer Part number;
 - iii. Suggested quantity; and
 - iv. Unit cost;
- (h) **Familiarization Training** – An OEM trained instructor must provide familiarization training, in English, as follows:
- i. Minimum duration of eight (8) hours for up to eight (8) DND candidates at the DND delivery location on a date arranged with the Technical Authority;
 - ii. To include operation and maintenance segments demonstrating, all safety measures required for safe vehicle use, instructions on the use of all accessories supplied and operator maintenance; and
 - iii. Each candidate to receive a "Proof of Familiarization" certificate, as per the template provided by the Technical Authority, signed by the course instructor;
- (i) **Safety Recalls and Servicing Data** - The following information must be provided to the Customer locations, on a continuing basis, throughout the life expectancy of the vehicle (15 years):
- i. Safety recalls; and
 - ii. Manufacturer's technical service bulletins.

Note: This service can be made available as an Internet Service.

ANNEX "B"

TECHNICAL INFORMATION QUESTIONNAIRE

1. SCOPE

This Appendix covers technical information to be supplied by each bidder. This information is required by the Technical Authority for technical assessment of equipment offered.

NOTE: IT IS THE BIDDERS RESPONSIBILITY TO CLARIFY OUTSTANDING TECHNICAL ISSUES, BY WRITTEN REQUEST, TO THE CONTRACTING OFFICER PRIOR TO BID SUBMISSION

STATEMENT OF WORK PARAGRAPHS

The following paragraph numbers refer to the paragraphs in the Statement of Work (Annex A) and not to those within this Appendix. The Bidder should indicate the location within their bid where the proof of compliance can be found.

2.1 Standard Design - Complies? Yes ____

Otherwise explain _____

(a) Model

Make/Model _____

Model Year _____

Proof of Compliance _____

(b) Components and Accessories - Complies? Yes ____

Otherwise explain _____

Has a product brochure been enclosed? Yes ____

Proof of Compliance _____

2.2 Operating Conditions - Complies? Yes ____

Otherwise explain _____

Proof of Compliance _____

2.3.1 Vehicle Safety Regulations - Complies? Yes ____

Otherwise explain _____

Will the NSM be provided for the complete vehicle? Yes ____
Otherwise explain _____

Proof of Compliance _____

2.3.2 Hazardous Materials - Complies? Yes ____

Otherwise explain _____

Proof of Compliance _____

2.3.3 Human Engineering and Safety - Complies? Yes ____

Otherwise explain _____

Proof of Compliance _____

2.4.1 Dimensions- Complies? Yes ____

Otherwise explain _____

OVERALL EXTERIOR WIDTH - _____ cm or in

Proof of Compliance _____

2.4.2 Performance- Complies? Yes ____

Otherwise explain _____

(a) **HARD PACKED ROAD SPEED** - _____ km/h or mph

(b) **FUEL TANK CAPACITY** - _____ liters or gallons (US)

(c) **TOWING CAPACITY** - _____ kg or lbs

Proof of Compliance _____

2.5 Operator Station - Complies? Yes ____

Otherwise explain _____

Proof of Compliance _____

2.6 Chassis - Complies? Yes ____

Otherwise explain _____

(a) **BOX CAPACITY** - _____ kg or lbs

Proof of Compliance _____

2.7 Engine - Complies? Yes ____

Otherwise explain _____

(a) Horsepower Rating _____ HP

Proof of Compliance _____

2.8 Transmission/Power Train - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.9 Suspension - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.10 Brake System - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.11 Steering - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.12 Wheels and Tires - Complies? Yes _____

Otherwise explain _____

Front Tires

Make _____ Size _____

Rating _____

Rear Tires

Make _____ Size _____

Rating _____

Proof of Compliance _____

2.13 Controls - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.14 Instruments - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.15 Lighting - Complies? Yes _____

Otherwise explain _____

Battery Rundown Protection System provided Yes ____

Proof of Compliance _____

2.16 Auxiliary Hydraulic System - Complies? Yes _____

Otherwise explain _____

Flow Rate _____ lpm or gpm

Operating Pressure _____ psi

Proof of Compliance _____

2.17 Attachments - Complies? Yes _____

Otherwise explain _____

(a) Forklift Attachment:

Rated Capacity _____ kg or lbs

Proof of Compliance _____

(b) Bucket Attachment:

Width _____ cm or in

Proof of Compliance _____

(c) Snow Blower Attachment:

Hydraulic Drive Yes ____
Remote Operation Yes ____

Width _____ cm or in

Proof of Compliance _____

2.18 Lubrications & Hydraulic Fluids - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.19 Paint - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.20 Identification - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.21 Vehicle Delivery Condition - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

2.22 Documentation and Support Items - Complies? Yes _____

Otherwise explain _____

Proof of Compliance _____

Conformance Certificate - If the vehicle and equipment offered do not conform exactly to the requirements of this Statement of Work, any deviation must be listed below. If there are no deviations, this fact must be stated below.

NO DEVIATIONS

FIRM NAME _____

ADDRESS _____

NAME _____ TITLE _____

TELEPHONE NUMBER _____ FAX NUMBER _____

SIGNATURE _____ DATE _____

Annex "C"

BASIS OF PAYMENT

The Contractor must deliver the vehicle/equipment in accordance with Annex "A".

The paint colour and table down below shall be in accordance with what is stated in Annex "A" – Statement of Work.

Initial Contract

Description	Quantity	Price	Total
Utility Work Machine	2		
Equipment Manuals	2		
Preventive Maintenance Replacement Parts Kit - Oils - Fuel - Air filters - Belts - Light bulbs	2		
Familiarization Training	2		
		Taxes	
		Total:	

Option Year 1

Description	Quantity	Price	Total
Utility Work Machine	1		
Equipment Manuals	1		
Preventive Maintenance Replacement Parts Kit - Oils - Fuel - Air filters - Belts - Light bulbs	1		
		Taxes	
		Total:	

Option Year 2

Description	Quantity	Price	Total
Utility Work Machine	1		
Equipment Manuals	1		
Preventive Maintenance Replacement Parts Kit - Oils - Fuel - Air filters - Belts - Light bulbs	1		
		Taxes	
		Total:	

Solicitation No. - N° de l'invitation Amd. No. - N° de la modif.
W6399-20-LD03

Buyer ID - Id de l'acheteur
DLP 8-2-3-1

Total Evaluated Price:

Initial Contract + Option Year 1 + Option Year 2 = \$ _____

ANNEX "D"

ELECTRONIC PAYMENT INSTRUMENTS

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

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)