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TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

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 LAWN MOWER, HIGH SLOPE	
Solicitation No. - N° de l'invitation W8476-144826/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W8476-144826	Date 2014-01-02
GETS Reference No. - N° de référence de SEAG PW-\$\$HS-629-64091	
File No. - N° de dossier hs629.W8476-144826	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-01-27	Time Zone Fuseau horaire Eastern Standard Time EST
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: Dicaire, Sylvie	Buyer Id - Id de l'acheteur hs629
Telephone No. - N° de téléphone (819) 956-6629 ()	FAX No. - N° de FAX (819) 956-5227
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Solicitation No. - N° de l'invitation

W8476-144826/A

Amd. No. - N° de la modif.

002

Buyer ID - Id de l'acheteur

hs629

Client Ref. No. - N° de réf. du client

W8476-144826

File No. - N° du dossier

hs629W8476-144826

CCC No./N° CCC - FMS No/ N° VME

This amendment is raised to cancel the amendment 001 and include the Purchase Description and the Technical Information Questionnaire.

All other terms and condition are to the remain the same.

2013-07-16

LAWN MOWERS, HIGH SLOPE

TECHNICAL INFORMATION QUESTIONNAIRE

This questionnaire covers technical information, which **shall** 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" **shall** be provided for each performance requirement/specification.

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

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

CONTRACTOR INFORMATION

Contractor Name _____

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:

OPI DSVPM 4 - DAPVS 4

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SPECIFICATION PARAGRAPHS

Make: _____, **Model:** _____

Configuration Capability Table - Proof of Compliance

Clause	Description	Value	Document Name/Title	Page
3.4.1	FORWARD SPEED			
3.4.1	SLOPE ANGLE			
3.5.1 (a)	MOWER SWATH			
3.5.1 (a)	CUTTING HEIGHT			
3.5.1 (a)	MOWER DISCHARGE			

3.6 Operator Station - Proof of Compliance

- (a) Roll over protection certification can be found in document(s): _____
page: _____.
- (b) Seat information can be found in document(s): _____ page: _____.
- (c) Canopy information can be found in document(s): _____ 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 **shall** provide detailed information on each performance requirement and/or specification. Where a document submitted as Proof of Compliance does not cover all the performance requirements and/or specifications or when no such document is available or when modifications to the original equipment or customization are required to achieve the performance requirements and/or specifications, a Certificate of Attestation (as a separate document) signed by a senior engineer representing the Original Equipment Manufacturer (OEM) detailing the modifications and how they meet the performance requirements and/or specifications **shall** be provided. The certificate **shall** detail all performance requirements and/or specifications required to substantiate compliance. One certificate can be provided for one or all performance requirements and/or specifications.

2013-07-16



NOTICE

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS

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

PURCHASE DESCRIPTION

FOR

LAWN MOWERS, HIGH SLOPE

1. SCOPE

1.1 **Scope** - This purchase description covers the requirements for a range of lawn mowers, which are capable of traversing high angle slopes.

1.2 **Instructions** - The following instructions **shall** be used to interpret this specification:

- (a) Requirements, which are identified by the word "**shall**", are mandatory. Deviations will not be permitted;
- (b) Requirements identified by "**shall**^(B)" are mandatory. The Technical Authority will consider substitutes/alternatives for acceptance as an Equivalent;
- (c) Requirements identified with a "will" define actions to be performed by the purchaser and require no action/obligation on the Contractor's part;
- (d) Where "**shall**", "**shall**^(B)", or "will" are not used, the information provided is for guidance only;
- (e) In this document "provided" **shall** mean, "provided and installed";
- (f) Where technical certification is required, a copy of the certification or an acceptable Proof of Compliance **shall** be provided upon request;
- (g) Metric measurements **shall** be used to define the requirement. Other measurements are for reference only and may not be exact conversions; and
- (h) Dimensions stated as nominal **shall** be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

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



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1.3 **Definitions** - The following definitions **shall** be used to interpret this specification:

- (a) "Technical Authority" - The official responsible for technical content of this requirement;
- (b) "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; and

1.4 **Configuration Capability Table** - Vehicles covered by this Purchase Description are represented as configurations. The following table shows required performance and dimensions by configuration with a clause reference. Proof of Compliance **shall** be provided for all items and values listed in the Configuration Capability Table.

			CONFIGURATION	
CHARACTERISTIC	CLAUSE	UNITS	A	B
FORWARD SPEED	3.4.1	km/h		15
SLOPE ANGLE		degrees		29
MOWER SWATH	3.5.1 (a)	mm		1,800
CUTTING HEIGHT		mm		25-115
MOWER DISCHARGE				Side

2. **APPLICABLE DOCUMENTS**

2.1 **Government Furnished Documents** - **NOT APPLICABLE**

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

SAE Handbook

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

Yearbook

Tire and Rim Association Inc.,
3200 West Market St.,
Akron, Ohio, 44321
<http://www.us-tra.org/traHome.htm>

3. **REQUIREMENTS**

3.1 **Standard Design**

- (a) The lawn mower **shall** be the latest model. The manufacturer **shall** have manufactured and sold this type and size class of vehicle for at least 1 year;

- (b) The lawn mower **shall** have engineering certification available, upon demand, for this application from the original manufacturers of major equipment systems and assemblies;
- (c) The lawn mower **shall** conform to all applicable laws, regulations and industrial standards governing manufacture, safety, noise levels and pollution in effect in Canada at the time of manufacture; and
- (d) The lawn mower **shall** have system and component capacities not greater than the published ratings (i.e. product or component brochures) or accompanied by Proof of Compliance.

3.2 Operating Conditions

3.2.1 Weather - The vehicle/equipment **shall** operate under the extremes of weather conditions found in Canada in temperatures ranging from -10 to 37° C (14 to 99° F).

3.2.2 Terrain - The lawn mower **shall** be capable of working on lawns and travelling on paved roads and dirt tracks.

3.3 Safety Standards

3.3.1 Noise Level - The vehicle/equipment noise levels **shall** meet the requirements of legislation relative to Occupational Safety and Health both at the operator's station and exterior to the vehicle.

3.3.2 Hazardous Materials - The contractor **shall** minimize the use of hazardous materials, ozone depleting substances, polychlorinated biphenyls, asbestos and heavy metals used in the fabrication of the product supplied. Items considered as hazardous materials **shall** be those given in the Hazardous Products Acts. The contractor **shall** provide Material Safety Data Sheets to the Technical Authority of all the above substances used in the fabrication of the product supplied.

3.4 Performance - Performance **shall** be validated with Proof of Compliance.

3.4.1 Vehicle Performance - The tractor **shall** have a forward speed of at least that given as "FORWARD SPEED" in the Configuration Capability Table. The tractor **shall** be able to safely mow across slopes of at least that given as "SLOPE ANGLE" in the Configuration Capability Table.

3.4.2 Vehicle Delivery Condition - The vehicle **shall** be delivered to destination in a fully operational condition (serviced and adjusted). Both the interior and exterior of the vehicle **shall** be cleaned. If the vehicle requires assembly at destination, the Contractor **shall** be responsible for all manpower and equipment to perform assembly. The consignee will provide the area required for assembly. For shipment verification, all items such as wheel wrenches, jacks, and all other tools, equipment and accessories which are shipped loose with the equipment, **shall** be listed on the shipping certificate or to an attached packing note.

3.5 Equipment

3.5.1 Application Equipment - Equipment/features below **shall** be provided:

(a) Mower

- i The mower **shall** be a rotary blade type mower, with at least 2 rotary blades;

- ii The mower **shall**^(E) be complete with anti scalping rollers mounted to the mower deck;
- iii The mower **shall** have a nominal cutting swath of that given as "MOWER SWATH" in the Configuration Capability Table;
- iv The mower **shall** have a cutting height adjustable from at least that given as "CUTTING HEIGHT" in the Configuration Capability Table;
- v The mower **shall**^(E) have a discharge as indicated by "MOWER DISCHARGE" in the Configuration Capability Table;

3.6 Operator Station

- (a) ROPS Structure - The lawn mower **shall** have a Roll Over Protective Structure (ROPS), which **shall**^(E) conform to the requirements of SAE J1194, SAE J2194 or ISO 3471;
- (b) Seat - The lawn mower **shall** have a padded water-resistant operator's seat and backrest equipped with arm rests and seat belt; and
- (c) Canopy - The lawn mower **shall**^(E) have a canopy fitted to the ROPS structure. The canopy **shall** be water proof and UV resistant.

3.7 Chassis - The vehicle chassis **shall** be the manufacturer's standard for a vehicle of this type and size.

3.8 Engine - The engine **shall** be diesel driven.

3.8.1 Engine Components - Engine components **shall** be the manufacturer's standard.

3.8.2 Fuel Tank(s) - The fuel tank(s) **shall** be the manufacturer's standard. The fuel tank(s) **shall** be at least half full when delivered.

3.9 Transmission - The vehicle **shall** be equipped with the manufacturer's standard transmission.

3.10 Brake System - The vehicle **shall** be equipped with manufacturer's standard braking system and include a parking break.

3.11 Steering - The vehicle **shall** be equipped with the manufacturers standard steering system.

3.12 Wheels, Rims and Tires - The wheels, tires and rims **shall** be the manufacturer's standard.

3.13 Controls - Controls **shall** be manufacturer's standard including a safety device ensuring that engine can only be started with the transmission in a neutral position and a throttle control positioned for convenient operation.

3.14 Instruments - Instruments **shall** be manufacturer's standard including a numeric read-out hour-meter, which displays accumulated running time up to 9,999 hours.

3.15 Electrical System - The vehicle electrical system **shall** be the manufacturer's standard.

3.16 **Lighting** - The vehicle **shall** have the manufacturer's standard lights.

3.17 **Hydraulic System** - The hydraulic system **shall** be the manufacturer's standard.

3.18 **Lubricants and Hydraulic Fluids** - The vehicle **shall** be serviced with the manufacturer's non-proprietary standard lubricants and hydraulic fluids.

3.19 **Paint** - The vehicle **shall** be painted using manufacturer's standard commercial colours. The prime coating **shall** be a high-durability, corrosion-resistant type. The prime coating **shall**^(B) be epoxy type or baked powder coat.

3.20 **Identification** - The following information **shall** be permanently marked in a conspicuous and protected location:

(a) Manufacturer's name, model and serial number.

4. **Integrated Logistic Support** - The Contractor is required to ensure that spare parts required to properly maintain and repair vehicles are available for purchase for a period of 10 years.

4.1 **Documentation and Support Items** - The Contractor **shall** provide the following documentation and support items.

4.1.1 **Items with Each Vehicle** - The Contractor **shall** provide the following items with each vehicle:

(a) **Vehicle Manuals** - Manuals required for safe operation, maintenance and repair of the vehicle. It is preferred that complete sets of manuals are provided on CD/DVD-ROM (without password(s), installation requirements or requiring an Internet connection). An Operator's Manuals in paper format **shall** always be provided with each vehicle. The Vehicle Manuals **shall** include:

i **Operator's Manuals** - Operator's manuals in a bilingual format or as 2 manuals in a single binder (one English, and one French);

ii **Parts Manuals** - The Parts Manuals in English (French translation is desirable);

iii **Maintenance (Shop Repair) Manuals** - The Maintenance (Shop Repair) Manual in English (French translation is desirable); and

(b) **Warranty Letter** - A paper copy of the completed bilingual Warranty Letter in the approved format provided with each vehicle shipped. Designated warranty providers **shall** honour the warranty letter.

4.1.2 **Documents Provided to Technical Authority** - Example documents are available from the Technical Authority. The Contractor **shall** provide the following documents to the Technical Authority:

(a) **Data Summary** - A bilingual Data Summary for each make/model/configuration with data and a vehicle picture on the Technical Authority provided form. This provides a document in accordance CFTO D-01-100-200/SF-002: "Preparation of Data Summaries for Commercial Vehicles & Equipment". The contractor may request the CFTO if they need further information. The Contractor **shall** provide a Data Summary before shipment of vehicles;

(b) **Sample Manuals** - A set of Sample Manuals in digital format, including the Operator, Parts and Maintenance Manuals. The sample manuals **shall** be

delivered to the Technical Authority 30 working days before delivery of vehicles. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days;

- (c) **Warranty Letter Technical Authority Copy** - The Contractor **shall** send a copy of the Warranty Letter, in electronic format, to the Technical Authority for each vehicle, at shipment;
- (d) **Photographs** - Two (2) digital pictures, one left-front three-quarter view, and one right-rear three-quarter view of each make/model/configuration. It is preferred that pictures have an uncluttered background. Pictures **shall** have a size of at least four (4) Mega pixels;
- (e) **Initial Parts Kit List** - A list of parts needed to perform preventive maintenance on one vehicle for a 6-month period. A complete change of all filters and filter elements **shall** be included in the list. The list will be reviewed, amended (if required) and approved by the Technical Authority. The list **shall** include the following elements:
 - i Part description;
 - ii Original Equipment Manufacturer Part number;
 - iii Suggested quantity; and
 - iv Unit cost.
- (f) **Material Safety Data Sheets** - The contractor **shall** provide a listing of all hazardous materials used in the fabrication of the product supplied to the Technical Authority, if there are no hazardous materials used, this **shall** be noted on the listing. The contractor **shall** provide Material Safety Data Sheets for all the hazardous materials used in the fabrication of the product supplied.

4.1.3 **Delivered Items** - The following items **shall** be provided:

- (a) **Initial Parts Kit** - One Initial Parts Kit, which **shall** include all items in the Initial Parts Kit List approved by the Technical Authority, **shall** accompany each vehicle.

4.2 **Training** - The Contractor **shall** perform the following training:

- (a) **Familiarization** - At least 1-day (8 hours) familiarization instruction at each destination, for a maximum of 8 personnel, no later than one month after delivery of each vehicle. The instruction **shall** include the detailed operation and normal servicing of the vehicle/equipment and **shall** be split into two - four (4) hour segments for operator familiarization and maintainer familiarization. Familiarization instructions **shall** be available in both official languages for destinations in the province of Quebec or as requested by the Technical Authority. The training dates **shall** be arranged in conjunction with the Technical Authority. After completion of the familiarization session, the Contractor **shall** have a "PROOF OF FAMILIARIZATION INSTRUCTION" certificate signed by the consignee. The Technical Authority will supply this document in an electronic format, when requested.