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PART 1 - GENERAL INFORMATION

1.1 Introduction

The Request for Supply Arrangements (RFSA) is divided into six parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Supplier Instructions: provides the instructions applicable to the clauses and conditions of the RFSA;
- Part 3 Arrangement Preparation Instructions: provides Suppliers with instructions on how to prepare the arrangement to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the arrangement and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided; and
- Part 6 6A, Supply Arrangement, 6B, Bid Solicitation, and 6C, Resulting Contract Clauses:
 - 6A, includes the Supply Arrangement (SA) with the applicable clauses and conditions;
 - 6B, includes the instructions for the bid solicitation process within the scope of the SA;
 - 6C, includes general information for the conditions which will apply to any contract entered into pursuant to the SA.

The Annexes include 0Purchase Description, 0Technical Information Questionnaire, and 0Bid Solicitation Template.

1.2 Summary

Canada is seeking to establish SAs to procure riding mowers in accordance with 0Purchase Description, including:

Group 1 – Front Mower and related items in accordance with 0 Group 1 – Front Mower Specific Requirements.

Group 2 – Wide Area Mowers, various configurations and related items in accordance with 0 Group 2 – Wide Area Mower Specific Requirements.

Group 3 – Lawn Tractors, various configurations and related items in accordance with 0 Group 3 – Lawn Tractor Specific Requirements.

Group 4 – Zero Turn Mower, various configurations and related items in accordance with 0 Group 4 – Zero Turn Mower Specific Requirements.

Suppliers may submit an arrangement for a specific configuration within each Group. Suppliers must however submit an arrangement for all items within the configuration for which an arrangement is submitted.

The period of the RFSA will be for three (3) years from the date of issuance. Suppliers will have the opportunity to qualify throughout the period of the RFSA.

The identified users of the SAs will include any government department, agency or Crown Corporation listed in Schedules I, I.1, II, III, of the Financial Administration Act, R.S., 1985, c. F-11.

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), Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

This RFSA allows suppliers to use the epost Connect service provided by Canada Post Corporation to transmit their arrangement electronically. Suppliers must refer to Part 2 of the RFSA entitled Supplier Instructions and Part 3 of the RFSA entitled Arrangement Preparation Instructions for further information on using this method.

The Request for Supply Arrangements (RFSA) is to establish supply arrangements for the delivery of the requirement detailed in the RFSA to the Identified Users across Canada, excluding locations within Yukon, Northwest Territories, Nunavut, Quebec, and Labrador that are subject to Comprehensive Land Claims Agreements (CLCAs). Any requirement for deliveries to locations within CLCAs areas within Yukon, Northwest Territories, Nunavut, Quebec, or Labrador will have to be treated as a separate procurement, outside of the resulting supply arrangements.

1.3 Debriefings

Suppliers may request a debriefing on the results of the request for supply arrangements process. Suppliers should make the request to the Supply Arrangement Authority within 15 working days of receipt of the results of the request for supply arrangements process. The debriefing may be in writing, by telephone or in person.

PART 2 - SUPPLIER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Supply Arrangements (RFSAs) 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) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Suppliers who submit an arrangement agree to be bound by the instructions, clauses and conditions of the RFSAs and accept the clauses and conditions of the Supply Arrangement and resulting contract(s).

The [2008](#) (2016-04-04) Standard Instructions - Request for Supply Arrangements - Goods or Services, are incorporated by reference into and form part of the RFSAs.

Subsection 5.4 of [2008](#), Standard Instructions - Request for Supply Arrangements - Goods or Services, is amended as follows:

Delete: 60 days

Insert: 90 days

2.2 Submission of Arrangements

Arrangements 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 Request for Supply Arrangements.

Due to the nature of the Request for Supply Arrangements, transmission of arrangements by facsimile to PWGSC will not be accepted.

2.3 Evaluation Period

The evaluation of the arrangement submitted by suppliers will start on October 30, 2018. Throughout the period of the RFSAs, arrangement will be evaluated upon reception.

2.4 Federal Contractors Program for Employment Equity - Notification

The Federal Contractors Program (FCP) for employment equity requires that some contractors make a formal commitment to Employment and Social Development Canada (ESDC) - Labour to implement employment equity. In the event that this Supply Arrangement would lead to a contract subject to the Federal Contractors Program (FCP) for employment equity, the bid solicitation and resulting contract templates would include such specific requirements. Further information on the Federal Contractors Program (FCP) for employment equity can be found on [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

2.5 Enquiries - Request for Supply Arrangements

All enquiries must be submitted in writing to the Supply Arrangement Authority.

Suppliers should reference as accurately as possible the numbered item of the RFSAs to which the enquiry relates. Care should be taken by Suppliers 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

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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 Suppliers do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Suppliers. Enquiries not submitted in a form that can be distributed to all Suppliers may not be answered by Canada.

2.6 Applicable Laws

The Supply Arrangement (SA) and any contract awarded under the SA must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Suppliers may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of the arrangement, 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 Suppliers.

PART 3 - ARRANGEMENT PREPARATION INSTRUCTIONS

3.1 Arrangement Preparation Instructions

If the Supplier chooses to submit its arrangement electronically, Canada requests that the Supplier submits its arrangement in accordance with section 08 of the 2008 standard instructions. Suppliers are required to provide their arrangement in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment. The arrangement must be gathered per section and separated as follows:

Section I: Technical Arrangement
Section II: Certifications

If the Supplier chooses to submit its arrangement in hard copies, Canada requests that the Supplier submits its arrangement in separately bound sections as follows:

Section I: Technical Arrangement (2 hard copies and 1 soft copy on Universal Serial Bus (USB) flash drive, Digital Versatile Disc (DVD) or Compact Disc (CD))
Section II: Certifications (1 hard copy).

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

If the Supplier is simultaneously providing copies of its arrangement using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

Canada requests that Suppliers follow the format instructions described below in the preparation of the arrangement.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Supply Arrangements.

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) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Suppliers 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 Arrangement

In the technical arrangement, Suppliers should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Suppliers should submit, with their arrangement, the completed OTechnical Information Questionnaire for each configuration for which they are submitting an arrangement.

Suppliers may propose substitutes and alternatives where “or equivalent” is indicated in the technical requirement description (OPurchase Description). Suppliers are encouraged to offer or suggest green solutions whenever possible.

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

- (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.

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

- (g) The arrangement fails to provide all of the information requested to allow the Technical Authority to fully evaluate the equivalency, or;
- (h) The substitutes and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.

Section II: Certifications

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

Arrangements will be assessed in accordance with the entire requirement of the Request for Supply Arrangements including the technical evaluation criteria.

An evaluation team composed of representatives of Canada will evaluate the arrangements.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Proof of Compliance

Suppliers must submit, with their arrangement, all proofs of compliance required in OPurchase Description and OTechnical Information Questionnaire for each configuration for which an arrangement is being submitted.

4.1.1.2 Substitutes and/or Alternatives

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

4.2 Basis of Selection

An arrangement must comply with the requirements of the Request for Supply Arrangements and meet all mandatory technical evaluation criteria to be declared responsive. All responsive arrangements will be recommended for issuance of a supply arrangement.

PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

Suppliers must provide the required certifications and additional information to be issued a supply arrangement (SA).

The certifications provided by Suppliers to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an arrangement non-responsive, or will declare a contractor in default if any certification made by the Supplier is found to be untrue whether made knowingly or unknowingly during the arrangement evaluation period, or during the period of any supply arrangement arising from this RFSA and any resulting contracts.

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

5.1 Certifications Required with the Arrangement

Suppliers must submit the following duly completed certifications as part of their arrangement.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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 Supplier must provide with its arrangement the required documentation, as applicable), to be given further consideration in the procurement process.

5.2 Certifications Precedent to the Issuance of a Supply Arrangement and Additional Information

The certifications and additional information listed below should be submitted with the arrangement, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Supply Arrangement Authority will inform the Supplier 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 arrangement non-responsive.

5.2.1 Integrity Provisions – Required Documentation

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

5.2.2 Product Conformance

The Supplier certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the SA and of any resulting contract, to all technical specifications of the purchase description.

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

Supplier's authorized representative signature

Date

5.2.3 General Environmental Criteria Certification

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

- (a) The Supplier certifies that the Supplier is registered or meets ISO 14001.

Supplier's authorized representative signature

Date

Or

- (b) The Supplier certifies that the Supplier 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 Supplier must indicate which four (4) criteria, as a minimum, are met.

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

Supplier's authorized representative signature

Date

PART 6 - SUPPLY ARRANGEMENT AND RESULTING CONTRACT CLAUSES

A. SUPPLY ARRANGEMENT

6.1 Arrangement

The Supply Arrangement covers the Work described in 0Purchase Description, 0 Group 1 – Front Mower Specific Requirements, 0 Group 2 – Wide Area Mower Specific Requirements, 0 Group 3 – Lawn Tractor Specific Requirements, and 0 Zero Turn Mower Specific Requirements.

6.2 Security Requirements

There is no security requirement applicable to the Supply Arrangement.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Supply Arrangement and resulting contract(s) 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) (<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

2020 (2017-09-21) General Conditions - Supply Arrangement - Goods or Services, apply to and form part of the Supply Arrangement.

6.3.2 Supply Arrangement Reporting

The Supplier must compile and maintain records on its provision of goods to the federal government under contracts resulting from the Supply Arrangement. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Supplier must provide this data, in electronic format (Excel spreadsheet format), in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If no goods are provided during a given period, the Supplier must still provide a "NIL" report.

The data must be submitted on a quarterly basis to the Supply Arrangement Authority.

The quarterly reporting periods are defined as follows:

1. 1st quarter: April 1 to June 30;
2. 2nd quarter: July 1 to September 30;
3. 3rd quarter: October 1 to December 31;
4. 4th quarter: January 1 to March 31.

The reporting requirements includes:

1. General Information:
 - (a) Supply Arrangement Number;

-
- (b) Supply Arrangement Title;
 - (c) Authorized Users;
 - (d) Contract number;
 - (e) Invoice date and number;
 - (f) Delivery Location;
 - (g) Reporting Period (Quarter and Per Fiscal Year);
 - (h) Total Number of Orders and associated value (Applicable taxes included) for the Reporting Period (Quarter);
 - (i) Total Number of Orders and associated value (Applicable taxes included) (Per Fiscal Year);
 - (j) Total Number of Orders and associated value (Applicable taxes included) (For the duration of the Supply Arrangement).
2. Item-specific Information:
- (a) Item number;
 - (b) Total Number of Item ordered (Per Quarter and Per Fiscal Year);
 - (c) Total Number of Item ordered (Per Identified user).

The data must be submitted to the Supply Arrangement Authority no later than **fifteen (15) calendar days** after the end of the reporting period.

6.4 Term of Supply Arrangement

6.4.1 Period of the Supply Arrangement

The period for awarding contracts under the Supply Arrangement is from _____ to _____. **(To be inserted by PWGSC.)**

6.4.2 Comprehensive Land Claims Agreements (CLCAs)

The Supply Arrangement (SA) is for the delivery of the requirement detailed in the SA to the Identified Users across Canada, **excluding** locations within Yukon, Northwest Territories, Nunavut, Quebec, and Labrador that are subject to Comprehensive Land Claims Agreements (CLCAs). Any requirement for deliveries to locations within CLCAs areas within Yukon, Northwest Territories, Nunavut, Quebec, or Labrador will have to be treated as a separate procurement, outside of the supply arrangement.

6.5 Authorities

6.5.1 Supply Arrangement Authority

The Supply Arrangement Authority is:

Daniel Martial
Supply Specialist
Public Services and Procurement Canada
Acquisitions Branch
LEFTD – HS Division
Place du Portage, Phase III, 7B1
11 Laurier Street
Gatineau, QC K1A 0S5
Telephone: 819-420-5283
E-mail address: Daniel.martial@pwgsc-tpsgc.gc.ca

The Supply Arrangement Authority is responsible for the issuance of the Supply Arrangement, its administration and its revision, if applicable.

6.5.2 Technical Authority

The Technical Authority for the SA is:

Name: _____ (To be inserted by PWGSC)
Title: _____
Organization: _____
Telephone: _____
E-mail: _____

The Technical Authority is responsible for all matters concerning the technical content of the purchase description under the SA. Technical matters may be discussed with the Technical Authority; however, the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a SA amendment issued by the Supply Arrangement Authority.

6.5.3 Supplier's Representative

Name: _____ (To be completed by supplier)
Title: _____
Telephone No: _____
E-mail address: _____

6.6 Identified Users

The Identified Users include any government department, agency or Crown Corporation listed in Schedules I, I.1, II, III, of the [Financial Administration Act](#), R.S., 1985, c. F-11.

The Supply Arrangement Authority reserves the right to modify point 6.6 Identified Users to include other jurisdictional governments (Provincial, Municipal, Territorial etc.).

6.7 On-going Opportunity for Qualification

A Notice will be posted for the duration of the RFSA on the Government Electronic Tendering Service (GETS) to allow new Suppliers to become qualified. Existing qualified Suppliers, who have been issued a supply arrangement, will not be required to submit a new arrangement.

6.8 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 the Supply Arrangement;
- (b) the general conditions 2020 (2017-09-21), General Conditions - Supply Arrangement - Goods or Services
- (c) OPurchase Description
- (d) OTechnical Information Questionnaire
- (e) the Supplier's arrangement dated _____ (to be inserted by PWGSC), as amended _____ (to be inserted by PWGSC).

6.9 Certifications and Additional Information

6.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Supplier in its arrangement or precedent to issuance of the Supply Arrangement (SA), and the ongoing cooperation in providing additional information are conditions of issuance of the SA and failure to comply will constitute the Supplier in default. Certifications are subject to verification by Canada during the entire period of the SA and of any resulting contract that would continue beyond the period of the SA.

6.10 Applicable Laws

The Supply Arrangement (SA) and any contract resulting from the SA must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

6.11 Technical Changes, Substitutes and Alternatives

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

Should the Technical Authority not accept the substitute or the alternative and the Supplier is unable to meet the technical requirement, Canada may terminate the Supply arrangement in accordance with the general conditions stated in the Request for Supply Arrangement.

6.12 Substitute Model

In the event that a model is discontinued, the Supplier must notify the Supply Arrangement Authority. The Supplier can offer, through the Supply Arrangement Authority, a substitute model for acceptance. The substitute model must meet all the technical requirements of the Purchase Description. An administrative revision will be done in the Supply Arrangement to reflect the change in model.

6.13 Meeting After Issuance of Supply Arrangement

Within ten (10) calendar days from the effective date of the SA, the Supplier must contact the Supply Arrangement Authority to determine if a meeting is required. A meeting will be convened at Canada's discretion. The Supplier 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 Supplier's facilities or at the Supply Arrangement Authority's facility or via teleconference, at Canada's discretion at no additional cost to Canada.

6.14 Documents for Technical Authority

Suppliers must provide with their arrangement the documents specified in section 4.1.1 of OPurchase Description.

B. BID SOLICITATION

6.1 Bid Solicitation Documents

Canada will use the bid solicitation template at OBid Solicitation Template. The latest versions of the template and terms and conditions will be used at time of bid solicitation. A copy is available by contacting the Supply Arrangement Authority identified in Part 6A.

6.2 Bid Solicitation Process

Bids will be solicited for specific requirements within the scope of the Supply Arrangement (SA) from Suppliers who have been issued an SA.

The bid solicitation will be sent directly to Suppliers. The bid solicitation period will be for a minimum of five (5) calendar days.

The identified users of the SA will be responsible for the bid solicitation process and the award of individual contracts for requirements not exceeding \$400,000 (including applicable taxes). PWGSC will be responsible for the bid solicitation process and award of individual contracts exceeding \$400,000 (including applicable taxes).

The following forms must be used for the first page of the bid solicitation document and the first page of the resulting contract document. These forms are available on the [Electronic Forms Catalogue \(http://publiservice-app.tpsgc-pwgsc.gc.ca/forms/text/search_for_forms-e.html\)](http://publiservice-app.tpsgc-pwgsc.gc.ca/forms/text/search_for_forms-e.html) website.

(a) *PWGSC-TPSGC 9400-3, Bid Solicitation*

(b) *PWGSC-TPSGC 9400-4, Contract*

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C. RESULTING CONTRACT CLAUSES

6.1 General

The conditions of any contract awarded under the Supply Arrangement will be in accordance with the resulting contract clauses of the template used for the bid solicitation.

For any contract to be awarded using the template, general conditions 2010A will apply to the resulting contract. A copy is available by contacting the Supply Arrangement Authority listed in Part 6A.



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 A
PURCHASE DESCRIPTION
RIDING MOWERS

1. SCOPE

1.1 **Scope.** This purchase description covers the requirements for Riding Mowers. It contains four (4) Groups: Front Mowers, Wide Area Mowers, Lawn Tractors and Zero Turn Mowers. Some Groups contain more than one configuration.

1.2 **Instructions**

- (a) Requirements that 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 **Equivalent 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.
- (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 that differ from the actual dimensions.
- (h) Appendices 1 to 4 to the Purchase Description cover the requirements that are specific to each Group and that **must** be met when a vehicle of the specific Group is requested. These appendices form an integral part of this purchase description document.

1.3 **Definitions**

- (a) “**Provided**” means “provided and installed”.
- (b) “**Technical Authority**” means the official responsible for the technical content of this requirement.
- (c) “**Equivalent**” means a standard, means, or component type that the **Technical Authority** has approved for this requirement as meeting the specified requirements for fit, form, function and performance.

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- (d) “**Commercially Equipped**” means that the vehicle is provided in its standard commercial configuration with no additional government-specified requirements.
- (e) “**Bilingual**” means both official languages; English and French.

2. APPLICABLE DOCUMENTS

2.1 Government Furnished Documents. NOT APPLICABLE

2.2 Other Publications - Canada will not be supplying any reference documents. Effective documents are those in effect on the date of the manufacture of the vehicle. Information on the organization is supplied below.

- (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>

3. REQUIREMENTS

3.1 Common Requirements

3.1.1 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, upon request 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.
- (e) The vehicle and accessories **must** operate in accordance with all original equipment manufacturers’ (OEM) rated capacities and performance specifications.

3.1.2 Safety Standards

- (a) Hazardous Materials. The contractor **must** comply with the Hazardous Products Act of Canada with regards to the use of hazardous materials, ozone depleting substances,

polychlorinated biphenyls, asbestos and heavy metals used in the manufacture and assembly of the product supplied.

- 3.1.3 **Slow Moving Vehicle Sign.** The vehicle **must** be equipped with a permanently mounted slow moving vehicle sign.
- 3.1.4 **Tires.** The manufacturer's standard turf tread tires **must** be provided.
- 3.1.5 **Controls**
- (a) Controls **must** be the manufacturer's standard.
 - (b) The controls **must** include a safety device ensuring that the engine can only be started with the transmission in a neutral position.
- 3.1.6 **Instruments**
- (a) Instruments **must** be the manufacturer's standard.
 - (b) The instruments **must** include an hour-meter.
- 3.1.7 **Lubricants and Hydraulic Fluids**
- (a) Manufacturer's standard synthetic non-proprietary lubricants and hydraulic fluids **must** be provided.
 - (b) Lubrication fittings **must** conform to SAE J534 or an **Equivalent** North American Standard.
 - (c) A service label, visible from the operator's seat, indicating the types of fluid and viscosity delivered with the vehicle **must** be provided.
- 3.1.8 **Labels.** All written warning and instruction labels **must** be in English and French.
- 3.1.9 **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) Fuel tank(s) **must** be half to three quarters full on delivery.
- 3.2 **Specific Requirements.** Requirements that are specific to each Group are contained in Appendices 1 to 4 as follows:
- (a) **Group 1.** Appendix 1 covers the specific requirements that **must** be met for Group 1 - Front Mower.
 - (b) **Group 2.** Appendix 2 covers the specific requirements that **must** be met for Group 2 - Wide Area Mower.
 - (c) **Group 3.** Appendix 3 covers the specific requirements that **must** be met for Group 3 - Lawn Tractor.
 - (d) **Group 4.** Appendix 4 covers the specific requirements that **must** be met for Group 4 - Zero Turn Mower.

4. Integrated Logistic Support

4.1 Contractor Documentation and Logistic Items

4.1.1 Documents to *Technical Authority* (Designated Contact) on Contract

(a) Manuals for Approval (DND Only)

- 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. It is acceptable that manuals include more than one 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 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 A separate CD/DVD **must** be supplied for each Configuration/ Make/ Model with all accessories.
- vii The CD or DVD **must** be permanently and legibly marked with a list of contents.
- viii Manuals will not be returned.
- ix Manual approval, request for additional documentation or request for amendments will be supplied within 15 working days of receipt.
- x The Contractor **must** supply the additional documentation or implement the changes as requested by the ***Technical Authority***.
- xi 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 (DND Only)

- 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.
- vi Photographs **must** have a resolution of at least eight (8) Mega pixels.

(c) Data Summary (DND Only)

- i The Contractor **must** supply a bilingual data summary for each Configuration/model (including accessories and features) and a vehicle picture, for each DND contract.
- 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.
 - v The Contractor **must** implement the changes requested by the **Technical Authority**.
- (d) **Warranty Letter (All Users)**
- 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 The Contractor **must** supply a copy of the warranty letter, in PDF digital format, for each vehicle delivered, to the **Technical Authority** or the designated contact for non-DND users.
- (e) **Safety Data Sheets (All Users)**
- i The Contractor **must** supply a list, 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.
 - iii The Contractor **must** supply, in digital PDF format and in French as well as in English, safety data sheets for all hazardous materials in the list.
- (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.
 - iii The list **must** include the following elements: part description; Original Equipment Manufacturer (OEM) Part number; suggested quantity and unit cost.

4.1.2 **Items Supplied with Each Vehicle**

- (a) **Operator's Manual(s)**
- i The Contractor **must** supply the **Technical Authority** approved bilingual operator's manual(s) in both paper and searchable PDF digital format with each vehicle delivered.
 - ii Digital copies **must** be supplied on a CD or a DVD.
 - iii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.
- (b) **Warranty Letter(s)**. The Contractor **must** supply a paper copy of the warranty letter(s) with each vehicle delivered.
- (c) **Safety Data Sheets**
- i The Contractor **must** supply a paper set of material safety data sheets in French and in English.

- ii The material safety data sheets **must** be the same as those provided to the **Technical Authority** (paragraph 4.1.1 (e)).
- (d) **Maintenance Manual(s) – English**
 - i The Contractor **must** supply the **Technical Authority** approved maintenance (shop repair) manual(s) in English, in paper as well as in searchable PDF digital format, required for the maintenance and repair of the vehicle, features and accessories.
 - ii Digital copies **must** be supplied on a CD or a DVD.
 - iii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.
 - iv The contractor may supply this deliverable as a bilingual package.
- (e) **Maintenance Manual(s) – French**
 - i The Contractor **must** supply the **Technical Authority** approved maintenance (shop repair) manual(s) in French, in paper as well as searchable PDF digital format, required for the maintenance and repair of the vehicle, features and accessories.
 - ii Digital copies **must** be supplied on a CD or a DVD.
 - iii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.
 - iv The contractor may supply this deliverable as a bilingual package.
- (f) **Parts Manual(s)**
 - i The Contractor **must** supply the **Technical Authority** approved English parts manual(s) in paper and searchable digital format, for the vehicle, features and accessories.
 - ii Digital copies **must** be supplied on a CD or a DVD.
 - iii Digital copies **must** be functional without the requirement for a password, an auto-run installation procedure or an Internet connection.
 - iv It is desirable to supply the parts manual in French in addition to the English version.
- (g) **Keys**. The contractor **must** supply two (2) sets of keys.
- (h) **Initial Parts Kit**
 - i One (1) initial parts kit **must** be supplied.
 - ii The initial parts kit **must** include a set of parts in the approved initial parts kit list(s) (paragraph 4.1.1).

4.2 **ILS Data Deliverables Summary.** This table is for quick reference only. All detailed requirements to be met are contained under Paragraph 4: Integrated Logistics Support.

Item	Format	Delivered to TA by E-mail	Delivered to TA by mail/courier	Copy with Vehicle	Remarks
Photographs and Line Drawings	Digital	x	-	-	
Data Summary	Digital	x	-	-	TA will provide template
Initial Parts Kit List	Digital	x	-	-	
Warranty Letter	Digital	x	-	-	TA will provide template
	Paper**	-	-	x	
Listing of HAZMAT and Safety Data Sheets French and English	Digital	x	-	-	
	Paper**	-	-	x	
Operator Manual Bilingual	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	
Maintenance (shop repair) Manual English	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	
Maintenance (shop repair) Manual French	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	
Parts Manual	Digital	-	x	x	On CD/DVD *
	Paper**	-	-	x	

Notes: * Although a separate CD/DVD *must* be used for each Configuration, a single CD/DVD should ideally be used for all e-manuals covering a specific Configuration and its accessories.

** Paper copy *must* have identical content as the electronic copy approved by the TA.

APPENDIX A1

GROUP 1 - FRONT MOWER SPECIFIC REQUIREMENTS

3.2 **Specific Requirements**

3.2.1 **Data Table**. The following table shows the required performance for each configuration with a clause reference.

CHARACTERISTIC	CLAUSE	UNITS	CONFIGURATION
			A
POWER	3.2.3(b)	kW	22
MOWER SWATH	3.2.4(b)	mm	1820
SNOW BLOWER SWATH	3.2.4(b)	mm	1300
BLADE WIDTH	3.2.4(b)	mm	1520
SWEEPER WIDTH	3.2.4(b)	mm	1450

(a) **Attachments, Accessories and Features Table**. The following table indicates, with "✓", for each configuration the attachments, accessories or features which **must** be provided when specified in the contract, with a clause reference.

DESCRIPTION	CLAUSE	CONFIGURATION
		A
FRONT-MOUNTED CUTTING DECK - SIDE DISCHARGE	3.2.4(b) (i)	✓
FRONT-MOUNTED CUTTING DECK - REAR DISCHARGE	3.2.4(b) (ii)	✓
FRONT-MOUNTED SNOW BLOWER	3.2.4(b) (iii)	✓
ANGLE DOZER BLADE	3.2.4(b) (iv)	✓
FRONT-MOUNTED SWEEPER	3.2.4(b) (v)	✓
ROPS CAB	3.2.5(b) (i)	✓

3.2.2 **Operating Conditions**

- (a) **Weather**. The vehicle/equipment **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -35 to 40°C.
- (b) **Terrain**. The vehicle **must** propel itself in the forward and reverse directions during off-road operations, in all-weather conditions.

3.2.3 **Performance**

- (a) The vehicle **must** be a front mounted riding mower.
- (b) The vehicle **must** have a gross power rating of at least that given as "POWER" in the Data Table.

3.2.4 **Equipment, Attachments, Accessories and Features**

(a) **Equipment**

i **Front Power Take-Off (PTO)**

- 1. A front power take off (PTO) **must** be provided.
- 2. The PTO **must** provide power to attachments as required.

ii **Counterweight Carrier**

- 1. A counterweight carrier **must** be provided.

2. The counterweights required for the operation of the selected accessories **must** be provided.
- (b) **Attachments, Accessories and Features.** The following **must** be provided, when indicated with an “✓”, in the Attachments, Accessories and Features Table.
- i **Front-Mounted Cutting Deck – Side Discharge**
 1. A front-mounted cutting deck **must** be provided.
 2. The cutting deck **must** discharge to the side.
 3. The cutting deck **must** have a cutting swath of at least that given as “**MOWER SWATH**” in the Data Table.
 4. The cutting deck **must** be equipped with anti-scalping rollers at the front of the cutting deck and either anti-scalping rollers or skids at the rear.
 - ii **Front-Mounted Cutting Deck – Rear Discharge**
 1. A front-mounted cutting deck **must** be provided.
 2. The cutting deck **must** discharge to the rear.
 3. The cutting deck **must** have a cutting swath of at least that given as “**MOWER SWATH**” in the Data Table.
 4. The cutting deck **must** be equipped with anti-scalping rollers at the front of the cutting deck and either anti-scalping rollers or skids at the rear.
 - iii **Front-Mounted Snow Blower**
 1. A front-mounted snow blower **must** be provided.
 2. The cutting path of the front-mounted snow blower **must** at least that given as “**SNOW BLOWER SWATH**” in the Data Table.
 3. The front-mounted snow blower **must** be equipped with a lifting mechanism.
 4. The front-mounted snow blower **must** be equipped with chute controls at the operator’s station.
 5. The front-mounted snow blower **must** be equipped with adjustable height skates.
 - iv **Angle Dozer Blade**
 1. A front angling dozer blade **must** be provided.
 2. The front angling dozer blade **must** have a width of at least that given as “**BLADE WIDTH**” in the Data Table.
 3. The front angling dozer blade **must** be equipped with a lifting mechanism.
 4. The front angling dozer blade **must** be equipped with replaceable cutting edges.
 5. The lifting and angling of the front angling dozer blade **must** be controlled from the operator’s station.
 - v **Front-Mounted Sweeper**
 1. A powered angling front mounted rotary sweeper **must** be provided.
 2. The sweeper width **must** be at least that given as “**SWEEPER WIDTH**” in the Data Table.

3.2.5 **Operator Station**

(a) **Equipment**

i **ROPS Structure**

1. A certified Roll Over Protective Structure (ROPS) **must** be provided.
2. ROPS certification **must** satisfy SAE J1194 or **Equivalent**.

ii **Suspension Seat**

1. A manufacturer's padded suspension seat with backrest and armrests **must** be provided.
2. The seat **must** be equipped with a seat belt conforming to SAE J386.
3. The seat **must** be fore/aft adjustable without having to move from a seated position.

(b) **Operator Station Accessories and Features**. The following **must** be provided, when indicated with an "✓", in the Attachments, Accessories and Features Table.

i **ROPS Cab**

1. A ROPS cab incorporating a certified Roll Over Protective Structure (ROPS) **must** be provided.
2. ROPS certification **must** satisfy SAE J1194 or **Equivalent**.
3. The ROPS cab **must** be weatherproof.
4. The ROPS cab **must** have a heating system with ventilation and defrosting systems that keeps windows free from frost and moisture.
5. The ROPS cab **must** have the manufacturer's standard safety glass in the windows.
6. The ROPS cab **must** have a windshield wiper and washer system.
7. The ROPS cab **must** be equipped with a rear view mirror(s) providing a full view for safe reverse operations.

3.2.6 **Engine**. Commercially equipped.

(a) **Engine Cold Weather Aids**. The engine **must** be equipped with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to -35° C.

3.2.7 **Transmission**

(a) A two-speed transmission **must** be provided.

(b) A 4-wheel drive system **must** be provided.

3.2.8 **Lighting**

(a) The vehicle **must** have the manufacturer's standard lights, sufficient for safe travel on roads.

(b) **Amber Coloured Beacon**

- i An amber-coloured omni-directional beacon, that operates continuously when the vehicle is running, **must** be provided.
- ii The beacon **must** be mounted permanently so as to provide maximum vehicle visibility over 360 degrees.
- iii The beacon **must** be LED.

(c) **Work Lights**

- i Front and rear work lights **must** be provided.
- ii The work lights **must** be permanently mounted.

APPENDIX A2

GROUP 2 - WIDE AREA MOWER SPECIFIC REQUIREMENTS

3.2 **Specific Requirements**

3.2.1 **Data Table** - The following table shows the required performance for each configuration with a clause reference.

CHARACTERISTIC	CLAUSE	UNITS	CONFIGURATION	
			A	B
MOWER SWATH	3.2.4 (a) i	mm	3000	4200

(a) **Attachments, Accessories and Features Table**. The following table indicates, with "✓", for each configuration the attachments, accessories or features that **must** be provided when specified in the contract, with a clause reference.

DESCRIPTION	CLAUSE	CONFIGURATION	
		A	B
CANOPY	3.2.4(b) i	✓	✓

3.2.2 **Operating Conditions**

- (a) **Weather**. The vehicle/equipment **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from 1 to 40°C.
- (b) **Terrain**. The vehicle **must** propel itself in the forward and reverse directions during off-road operations, in all-weather conditions.

3.2.3 **Performance**

- (a) The vehicle **must** be a diesel powered, ride on, wide area, rotary mower.
- (b) The vehicle **must** have a gross power rating of no less than 40 kW.
- (c) The vehicle **must** have a published maximum forward mowing speed of no less than 12 km/h.
- (d) The vehicle **must** have a published maximum forward travel speed of no less than 22 km/h.

3.2.4 **Equipment, Attachments, Accessories and Features**

(a) **Equipment**

i **Rotary mower hydraulic cutting decks**

1. The vehicle **must** have a cutting deck swath of at least that given as "**MOWER SWATH**" in the Data Table.
2. The cutting decks **must** be equipped with anti-scalping rollers.
3. Individual cutting decks **must** adjust automatically up and down to follow ground contour when mowing.
4. Individual lifting and lowering of each cutting deck **must** be controlled from the operator's seat.
5. The side decks **must** individually fold up and lock to reduce overall width for mowing or travel.

(b) **Attachments, Accessories and Features**. The following **must** be provided, when indicated with an “✓”, in the Attachments, Accessories and Features Table.

i **Canopy**. The operator station **must** be equipped with a rigid canopy.

3.2.5 **Operator Station**

(a) **ROPS Structure**

i A certified Roll Over Protective Structure (ROPS) **must** be provided.

ii ROPS certification **must** satisfy SAE J1194 or **Equivalent**.

(b) **Suspension Seat**

i A manufacturer’s padded suspension seat with backrest and armrests **must** be provided.

ii The seat **must** be equipped with a seat belt conforming to SAE J386.

iii The seat **must** be fore/aft adjustable without having to move from a seated position.

3.2.6 **Transmission**

(a) A two-speed transmission **must** be provided.

(b) A 4-wheel drive system **must** be provided.

3.2.7 **Lighting**. The vehicle **must** have the manufacturer’s standard lights package for safe operation.

APPENDIX A3

GROUP 3 - LAWN TRACTOR SPECIFIC REQUIREMENTS

3.2 **Specific Requirements**

3.2.1 **Data Table** - The following table shows the required performance for each configuration with a clause reference.

CHARACTERISTIC	CLAUSE	UNITS	CONFIGURATION			
			A	B	C	D
MID-MOUNT SWATH	3.2.4(a) ii	mm	1,200(48')	1,350(54")	1,200(48')	1,350(54")
ENGINE TYPE	3.2.6	-	Gasoline	Gasoline	Diesel	Diesel

(a) **Attachments, Accessories and Features Table**. The following table indicates, with "✓", for each configuration the attachments, accessories or features that **must** be provided when specified in the contract, with a clause reference.

DESCRIPTION	CLAUSE	CONFIGURATION			
		A	B	C	D
SNOW BLOWER	3.2.4(b) (i)	✓	✓	✓	✓
BAGGER/HOPPER	3.2.4(b) (ii)	✓	✓	✓	✓
UTILITY CART	3.2.4(b) (iii)	✓	✓	✓	✓
TOWED SPRAYING UNIT	3.2.4(b) (iv)	✓	✓	✓	✓
TOWED PLUG AERATOR	3.2.4(b) (v)	✓	✓	✓	✓
TOWED BROADCAST SPREADER	3.2.4(b) (vi)	✓	✓	✓	✓

3.2.2 **Operating Conditions**

- (a) **Weather**. The vehicle/equipment **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from -20 to 40°C.
- (b) **Terrain**. The vehicle **must** propel itself in the forward and reverse directions during off-road operations, in all-weather conditions.

3.2.3 **Performance**

- (a) The tractor **must** be a lawn tractor with a mid-mounted rotary blade mower.
- (b) The tractor **must** have a gross power rating of no less than 15 kW.
- (c) The tractor **must** have a forward speed of at least 10 km/h.

3.2.4 **Equipment and Attachments, Accessories and Features**

(a) **Equipment**

i **Power to Attachments**

1. A means of mechanically or hydraulically powering the provided attachments **must** be provided.
2. Power **must** be transmitted to the mid mount mower by a PTO shaft.

ii **Cutting Deck**

1. A mid mounted cutting deck **must** be provided.
2. The cutting deck **must** have a cutting width of at least that given as "MID MOUNT SWATH" in the Data Table.
3. The cutting deck **must** be equipped with anti-scalping rollers at the front of the cutting deck and either anti scalping rollers or skids at the rear.

- iii **Counterweights and carrier.** A counterweight carrier and counterweights **must** be provided if normally required for the operation of the selected accessories.
- (b) **Attachments, Accessories and Features.** The following **must** be provided, when indicated with an “✓”, in the Attachments, Accessories and Features Table.
 - i **Snow Blower**
 1. A front-mounted snow blower **must** be provided.
 2. The front-mounted snow blower **must** be equipped with a lifting mechanism and chute controls.
 3. The front-mounted snow blower **must** be equipped with adjustable height skates.
 4. The front-mounted snow blower **must** be equipped with bolt-on replaceable cutting edges.
 5. The front-mounted snow blower swath **must** exceed the width of the tractor.
 6. The front-mounted snow blower kit **must** include any required counterweights and mounting brackets to balance the forward weight of the snow blower, if required.
 7. The front-mounted snow blower kit **must** include tire chains for the driven wheels of the tractor.
 8. The front-mounted snow blower kit **must** include a winter grill cover to protect the engine.
 - ii **Bagger/Hopper**
 1. The vehicle **must** be provided with a bagger/hopper unit that collects the grass clippings from the mower.
 2. The vehicle **must** be equipped with all items required to direct the clippings from the mower to the bagger/hopper.
 3. The operator **must** be able to empty the bagger/hopper without any tools.
 - iii **Utility Cart**
 1. The vehicle **must** be provided with a utility cart that can be towed by the mower.
 2. The utility cart **must** have a capacity of at least 0.19 cubic meters.
 - iv **Towed Spraying Unit**
 1. The vehicle **must** be provided with a towed spraying unit with a reservoir volume of at least 165 liters.
 2. The towed spraying unit **must** be equipped with a sprayer boom with a spraying path of at least 3.0 meters width.
 3. The towed spraying unit **must** be equipped with a handgun spraying unit with a hose that is at least 5.5 meters long.
 - v **Towed Plug Aerator**
 1. The vehicle **must** be provided with a towed plug aerator.
 2. The towed plug aerator **must** have a working width of at least 1.0 meter.
 - vi **Towed Broadcast Spreader.** The vehicle **must** be equipped with a towed broadcast spreader with a capacity of at least 100 kilograms of material.

- 3.2.5 **Seat**. A manufacturer's padded operator's seat and backrest **must** be provided;
- 3.2.6 **Engine**. The engine type **must** be that given as "ENGINE TYPE" in the Data Table.
- (a) **Engine Cold Weather Aids**. The engine **must** be equipped with cold weather aids to enable the engine (operating with winter grade fuels/oils) to be started at temperatures down to - 20 C.
- 3.2.7 **Transmission**
- (a) The vehicle **must** be equipped with a continuous power transmission such as a power shift, power shuttle or hydrostatic transmission.
- (b) A 4 wheel drive system **must** be provided.
- 3.2.8 **Lighting**. The vehicle **must** have the manufacturer's lighting package, sufficient for safe travel on roads.

APPENDIX A4

GROUP 4 - ZERO TURN MOWER SPECIFIC REQUIREMENTS

3.2 **Specific Requirements**

3.2.1 **Data Table**. The following table shows the required performance for each configuration with a clause reference.

CHARACTERISTIC	CLAUSE	UNITS	CONFIGURATION	
			A	B
MOWER SWATH	3.2.4(a)	mm	1,500	1,800

(a) **Attachments, Accessories and Features Table**. The following table indicates, with "✓", for each configuration the attachments, accessories or features that **must** be provided when specified in the contract, with a clause reference.

DESCRIPTION	CLAUSE	CONFIGURATION	
		A	B
BAGGER/HOPPER	3.2.4(b) (i)	✓	✓
CANOPY	3.2.4(b) (ii)	✓	✓

3.2.2 **Operating Conditions**

- (a) **Weather**. The vehicle/equipment **must** operate under the extremes of weather conditions found in Canada in temperatures ranging from 1 to 40°C.
- (b) **Terrain**. The vehicle **must** propel itself in the forward and reverse directions during off-road operations, in all-weather conditions.

3.2.3 **Performance**

- (a) The vehicle **must** be a ride on zero turn mower.
- (b) The mower **must** have a forward speed of at least 10 km/h.

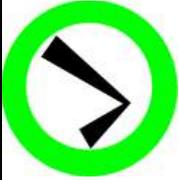
3.2.4 **Equipment and Attachments, Accessories and Features**

(a) **Equipment**

- i **Power to Attachments**. Power **must** be transmitted to the cutting deck by a PTO shaft.
- ii **Cutting Deck**
 - 1. A cutting deck with at least 2 rotary blades **must** be provided.
 - 2. The cutting deck **must** have a cutting swath of at least that given as "MOWER SWATH" in the Data Table.
 - 3. The cutting deck **must** be equipped with anti-scalping rollers at the front of the mower deck and either anti scalping rollers or skids at the rear.
- iii **Mulching Equipment**. A cutting deck and blade designed to mulch the grass clippings **must** be provided.
- iv **Deck Lift**. The cutting deck **must** have a lifting device that can be actuated from the operator's seat.

(b) **Attachments, Accessories and Features**. The following **must** be provided, when indicated with an "✓", in the Attachments, Accessories and Features Table.

- i **Bagger/Hopper**
 - 1. The vehicle **must** be provided with a bagger/hopper unit that collects the grass clippings from the mower.
 - 2. The vehicle **must** be equipped with all items required to direct the clippings from the mower to the bagger/hopper.
 - 3. The operator **must** be able to empty the bagger/hopper without any tools.
 - ii **Canopy**. The operator station **must** be equipped with a rigid canopy.
- 3.2.5 **Seat**. A manufacturer's padded operator's seat with arm rests and backrest **must** be provided.
- 3.2.6 **Steering**. The steering system **must** be the manufacturer's standard steering system with rear wheel steer through differential rotation.



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
TECHNICAL INFORMATION QUESTIONNAIRE
RIDING MOWERS

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 “**Substantial Information**”, the “**Substantial Information**” describing completely and in detail how the requirement is met or addressed **must** be supplied for each performance requirement/specification. Bidder is required to indicate the document name/title and page number where the **Substantial Information** can be found. Definitions for **Equivalent** is found in the DEFINITION section at the end of this document.

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:

OPI: DSVPM 4 – BPR: DAPVS 4

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GROUP 1 FRONT MOWER CONFIGURATION A					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 1, 3.2.3(a)	The vehicle must be a front mounted riding mower.	Vehicle Make Vehicle Model		Provide brochure or specification document.	
Appendix 1, 3.2.3(b)	The vehicle must have a gross power rating of at least that given as " POWER " (22 kW) in the Data Table.	Gross Power	kW		
Appendix 1, 3.2.4(b)i	The cutting deck must have a cutting swath of at least that given as " MOWER SWATH " (1820 mm) in the Data Table.	Mower Swath	mm		
Appendix 1, 3.2.4(b) (iii)	A front-mounted snow blower must be provided.	Make Model		Provide brochure or specification document.	
Appendix 1, 3.2.4(b) (v)	A powered angling front mounted rotary sweeper must be provided.	Make Model		Provide brochure or specification document.	

GROUP 2 WIDE AREA MOWER CONFIGURATION A					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 2, 3.2.3 (a)	The vehicle must be a diesel powered, ride on, wide area, rotary mower.	Vehicle Make		Provide brochure or specification document.	
		Vehicle Model			
Appendix 2, 3.2.3 (b)	The vehicle must have a gross power rating of no less than 40 kW.	Gross Power	kW		
Appendix 2, 3.2.3 (c)	The vehicle must have a published maximum forward mowing speed of no less than 12 km/h.	Mowing Speed	km/h		
Appendix 2, 3.2.3 (d)	The vehicle must have a published maximum forward travel speed of no less than 22 km/h.	Travel Speed	km/h		
Appendix 2, 3.2.4 (a)	The vehicle must have a cutting deck swath of at least that given as " MOWER SWATH " (3000 mm) in the Data Table.	Mower Swath	mm		

GROUP 2 WIDE AREA MOWER CONFIGURATION B					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 2, 3.2.3 (a)	The vehicle must be a diesel powered, ride on, wide area, rotary mower.	Vehicle Make		Provide brochure or specification document.	
		Vehicle Model			
Appendix 2, 3.2.3 (b)	The vehicle must have a gross power rating of no less than 40 kW.	Gross Power	kW		
Appendix 2, 3.2.3 (c)	The vehicle must have a published maximum forward mowing speed of no less than 12 km/h.	Mowing Speed	km/h		
Appendix 2, 3.2.3 (d)	The vehicle must have a published maximum forward travel speed of no less than 22 km/h.	Travel Speed	km/h		
Appendix 2, 3.2.4 (a)	The vehicle must have a cutting deck swath of at least that given as " MOWER SWATH " (4200 mm) in the Data Table.	Mower Swath	mm		

GROUP 3 LAWN TRACTOR CONFIGURATION A						
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal		
Appendix 3, 3.2.3 (a)	The tractor must be a lawn tractor with a mid-mounted rotary blade mower.	Vehicle Make		Provide brochure or specification document.		
		Vehicle Model				
Appendix 3, 3.2.3 (b)	The tractor must have a gross power rating of no less than 15 kW.	Gross Power	kW			
Appendix 3, 3.2.3 (c)	The tractor must have a forward speed of at least 10 km/h.	Forward Speed	km/h			
Appendix 3, 3.2.4 (a) ii	The cutting deck must have a cutting width of at least that given as " MID MOUNT SWATH " (1200 mm) in the Data Table.	Mid Mount Swath	mm			
Appendix 3, 3.2.4 (b) i	A front-mounted snow blower must be provided.	Make		Provide brochure or specification document.		
		Model				
Appendix 3, 3.2.6	The engine type must be that given as " ENGINE TYPE " (Gasoline) in the Data Table.	Engine Type				

GROUP 3 LAWN TRACTOR CONFIGURATION B						
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal		
Appendix 3, 3.2.3 (a)	The tractor must be a lawn tractor with a mid-mounted rotary blade mower.	Vehicle Make		Provide brochure or specification document.		
		Vehicle Model				
Appendix 3, 3.2.3 (b)	The tractor must have a gross power rating of no less than 15 kW.	Gross Power	kW			
Appendix 3, 3.2.3 (c)	The tractor must have a forward speed of at least 10 km/h.	Forward Speed	km/h			
Appendix 3, 3.2.4 (a) ii	The cutting deck must have a cutting width of at least that given as " MID MOUNT SWATH " (1350 mm) in the Data Table.	Mid Mount Swath	mm			
Appendix 3, 3.2.4 (b) i	A front-mounted snow blower must be provided.	Make		Provide brochure or specification document.		
		Model				
Appendix 3, 3.2.6	The engine type must be that given as " ENGINE TYPE " (Gasoline) in the Data Table.	Engine Type				

GROUP 3 LAWN TRACTOR CONFIGURATION C					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 3, 3.2.3 (a)	The tractor must be a lawn tractor with a mid-mounted rotary blade mower.	Vehicle Make		Provide brochure or specification document.	
		Vehicle Model			
Appendix 3, 3.2.3 (b)	The tractor must have a gross power rating of no less than 15 kW.	Gross Power	kW		
Appendix 3, 3.2.3 (c)	The tractor must have a forward speed of at least 10 km/h.	Forward Speed	km/h		
Appendix 3, 3.2.4 (a) ii	The cutting deck must have a cutting width of at least that given as " MID MOUNT SWATH " (1200 mm) in the Data Table.	Mid Mount Swath	mm		
Appendix 3, 3.2.4 (b) i	A front-mounted snow blower must be provided.	Make		Provide brochure or specification document.	
		Model			
Appendix 3, 3.2.6	The engine type must be that given as " ENGINE TYPE " (Diesel) in the Data Table.	Engine Type			

GROUP 3 LAWN TRACTOR CONFIGURATION D					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 3, 3.2.3 (a)	The tractor must be a lawn tractor with a mid-mounted rotary blade mower.	Vehicle Make Vehicle Model		Provide brochure or specification document.	
Appendix 3, 3.2.3 (b)	The tractor must have a gross power rating of no less than 15 kW.	Gross Power	kW		
Appendix 3, 3.2.3 (c)	The tractor must have a forward speed of at least 10 km/h.	Forward Speed	km/h		
Appendix 3, 3.2.4 (a) ii	The cutting deck must have a cutting width of at least that given as " MID MOUNT SWATH " (1350 mm) in the Data Table.	Mid Mount Swath	mm		
Appendix 3, 3.2.4 (b) i	A front-mounted snow blower must be provided.	Make Model		Provide brochure or specification document.	
Appendix 3, 3.2.6	The engine type must be that given as " ENGINE TYPE " (Diesel) in the Data Table.	Engine Type			

GROUP 4 ZERO TURN MOWER CONFIGURATION A					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 4, 3.2.3 (a)	The vehicle must be a ride on zero turn mower.	Vehicle Make		Provide brochure or specification document.	
		Vehicle Model			
Appendix 4, 3.2.3 (b)	The mower must have a forward speed of at least 10 km/h.	Forward Speed	km/h		
Appendix 4, 3.2.4 (a) i	Power must be transmitted to the cutting deck by a PTO shaft.	PTO Shaft Driven deck			
Appendix 4, 3.2.4 (a) ii	The cutting deck must have a cutting swath of at least that given as " MOWER SWATH " (1500 mm) in the Data Table.	Mower Swath	mm		

GROUP 4 ZERO TURN MOWER CONFIGURATION B					
PD Reference	Requirement	Substantial Information required	Value	Location of Substantial Information in Bid Proposal	
Appendix 4, 3.2.3 (a)	The vehicle must be a ride on zero turn mower.	Vehicle Make		Provide brochure or specification document.	
		Vehicle Model			
Appendix 4, 3.2.3 (b)	The mower must have a forward speed of at least 10 km/h.	Forward Speed	km/h		
Appendix 4, 3.2.4 (a) i	Power must be transmitted to the cutting deck by a PTO shaft.	PTO Shaft Driven deck			
Appendix 4, 3.2.4 (a) ii	The cutting deck must have a cutting swath of at least that given as " MOWER SWATH " (1800 mm) in the Data Table.	Mower Swath	mm		

DEFINITION

The following definition 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.

Solicitation No. - N° de l'invitation
E60HS-18MOWR/A
Client Ref. No. - N° de réf. du client
E60HS-18MOWR

Amd. No. - N° de la modif.
File No. - N° du dossier
hs643.E60HS-18MOWR

Buyer ID - Id de l'acheteur
hs653
CCC No./N° CCC - FMS No./N° VME

ANNEX C - BID SOLICITATION TEMPLATE

A copy of Annex C - Bid Solicitation Template is available by contacting the Supply Arrangement Authority identified in Part 6A.