

**FORM A: BID**  
(See B7)

1. Contract Title SUPPLY & DELIVERY OF A 16' WIDE AREA MOWER

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Usual Business Name of Bidder as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

(Mailing address if different)

\_\_\_\_\_  
Email Address of Bidder

\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

(Choose one)

\_\_\_\_\_  
GST Registration Number (if applicable)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

\_\_\_\_\_  
Contact Person

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Email Address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

6. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

7. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

8. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____

9. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Signatures The Bidder or the Bidder's authorized official or officials have signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_  
\_\_\_\_\_  
(Print here name and official capacity of individual whose signature appears above)

\_\_\_\_\_  
\_\_\_\_\_  
(Print here name and official capacity of individual whose signature appears above)

**FORM B: PRICES**  
(See B8)

SUPPLY & DELIVERY OF A 16' WIDE AREA MOWER

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	16' Wide Area Mower	13022	Each	1	

\_\_\_\_\_  
Name of Bidder

## FORM N: DETAILED SPECIFICATIONS 13022

### 1.0 **DESCRIPTION OF EQUIPMENT-**

- 1.1 These specifications describe a **16'Wide Area Mower** and other equipment and features as specified herein.
- 1.2 The **16'Wide Area Mower** shall be new 2013 model year or newer.
- 1.3 The **16'Wide Area Mower** and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.

### 2.0 **OTHER SPECIFICATIONS AND STANDARDS-**

- 2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The **16'Wide Area Mower and attachments** shall comply with the applicable regulations:

Highway Traffic Act = <http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.pHP>

Manitoba Motor Vehicle Act = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>

Canadian Motor Vehicle Safety Standards, CMVSS = <http://www.gnb.ca/0062/regs/83-163.htm>

Transport Canada = <http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html>

National Safety Mark, NSM = <http://www.tc.gc.ca/actsregulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html>

Manitoba/Winnipeg Safety and Health Act, Parts 12, 22 = <http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.pHP> and <http://www.gov.mb.ca/labour/safety/>

Canadian Standards Association, CSA = <http://www.csa.ca/about/Default.asp?language=english>

Under Writers of Canada, U/L = <http://www.ulc.ca/>

Society of Automotive Engineers, SAE = [http://en.wikipedia.org/wiki/Society\\_of\\_Automotive\\_Engineers](http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers)

City of Winnipeg Lighting Visibility Standard= <http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.

- 2.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the units.

### 3.0 **SERVICE FACILITY-**

- 3.1 For the purpose of warranty repairs, the Bidder shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Bidders shall

provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

#### **4.0 REFERENCES-**

4.1 Provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg

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#### **5.0 MAKE & MODEL-**

5.1 **State** make and model of the equipment bid- \_\_\_\_\_

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#### **6.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-**

6.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.

6.2 All items in these specifications must be answered indicating compliance or non-compliance. **BIDDERS SHALL STATE "YES" FOR COMPLIANCE OR STATE DEVIATION**, or give reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.

6.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

#### **7.0 PERFORMANCE RELIABILITY-**

7.1 The responsibility for the design of the **16'Wide Area Mower and associated attachments**, its performance and reliability shall rest upon the Contractor.

7.2 The term "repeated failures" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of "repeated failures", as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer's preventative maintenance schedule.

7.3 Where the **16'Wide Area Mower and associated attachments** develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

7.4 **The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C)**

#### **8.0 FUEL-**

8.1 Where applicable, all equipment must be fully fuelled upon delivery (no exceptions).

**9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-**

9.1 The manufacturer of the **16'Wide Area Mower and associated attachments** shall have five (5) years continuous experience manufacturing **16'Wide Area Mower and associated attachments**.

9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

**10.0 NATIONAL SAFETY MARK- (IF APPLICABLE)**

10.1 In Canada, modification to new vehicles can only be done at facilities that are recognized by Transport Canada. All of these facilities must have a National Safety Mark from Transport Canada. Transport Canada National Safety Mark is a label that indicates that the modifications are compliant with all current Canadian Motor Vehicle Safety Standards (CMVSS)

**STATE (NSM) # -** \_\_\_\_\_

**11.0 MANITOBA SAFETY INSPECTION- (IF APPLICABLE)**

11.1 The vehicles shall be complete with a current Manitoba Safety Sticker affixed to the driver's side vent window. \_\_\_\_\_

**12.0 SPECIFICATIONS-**

- |       |                      |  |       |
|-------|----------------------|--|-------|
| 12.1  | Engine –             | Tier IV interim or final compliant - Engines shall be warranted to use biodiesel at a B2, B5 and/ or B20 blend level (20% biodiesel to 80% ultra low sulphur diesel), where the biodiesel will meet product specification ASTM D6751 to ensure fuel quality, <b>state-</b> | _____ |
| 12.2  | Horsepower –         | 89hp-100 hp @ 2630 rpm -, <b>state-</b>  | _____ |
| 12.3  | Displacement –       | 199 cu.in, <b>state-</b>   | _____ |
| 12.4  | Torque-              | 300ft.-lb. of torque, <b>state torque @ rpm-</b>   | _____ |
| 12.5  | Cylinders –          | (4) cylinder   | _____ |
| 12.6  | Injection –          | <b>State Injection type-</b>   | _____ |
| 12.7  | Starting Aid –       | Air heater   | _____ |
| 12.8  | Rated Engine Speed – | 2600 rpm, <b>state-</b>  | _____ |
| 12.9  | Operating Range –    | 0-2700 rpm, <b>state-</b>  | _____ |
| 12.10 | Lubrication –        | Pressurized, <b>state-</b>   | _____ |
| 12.11 | Oil Filter –         | Spin, <b>state-</b>  | _____ |
| 12.12 | Cooling –            | Liquid Cooled, <b>state type-</b>  | _____ |

12.13	Cooling System-	Capacity – 12.0 Litre with Variable speed, temperature actuated reversing fan	_____
12.14	Crankcase Capacity-	<b>State-</b>	_____
12.15	Air Cleaner –	Dual Element, Dry Type	_____
12.16	Air Restriction Indicator –	Required	_____
12.17	Fuel Pump Type –	Electronic High-Pressure Rail	_____
12.18	Fuel Capacity –	30-35 US gal	_____
12.19	Hydraulic Filtration –	<b>State type-</b>	_____
12.20	Electrical -	Charging system – Automotive type	_____
12.21	Alternator –	120 amp	_____
12.22	Battery Voltage –	12volt, <b>state CCA-</b>	_____
12.23	Lighting-	Headlights with dual taillights, turn signal and flasher, brake lights	_____
12.24	Transmission –	Hydrostatic	_____
12.25	Transaxle Type –	Dual Range Hi/Lo	_____
12.26	Transaxle –	Planetary gear type, with double reduction	_____
12.27	Drive System-	4WD	_____
12.28	(4) Wheel Drive Type –	Parallel hydrostatic, closed loop	_____
12.29	Brakes –	Internal Wet disk	_____
12.30	Steering Brakes –	Individual Foot Operated	_____
12.31	Parking Brakes -	Parking Brakes – Foot Pedal /Disk	_____
12.32	Differential lock-	Front and Rear Hydraulic Flow Divider	_____
12.33	Frame -	<b>State construction-</b>	_____
12.34	Steering -	Hydrostatic Steering With Tilt	_____
12.35	Travel Speeds -	<b>State all travel speeds-</b>	_____
12.36	Canopy/Sunshade-	Required	_____
12.37	Seat -	Air ride suspension, 4-Way adjustable with seat belt	_____
12.38	Tires -	<b>State size and ply- Spare front and rear complete with rims required (1 of each)</b>	_____
12.39	Tread -	Turf Tires (spring, summer, fall application)	_____
12.40	Wheel Base -	<b>State-</b>	_____

12.41	Length (with deck) -	<b>State-</b>	_____
12.42	Height (with Rops) -	<b>State-</b>	_____
12.43	Throttle -	Electronic 3 Position or Variable	_____
12.44	Forward/Reverse -	Electronic Single Pedal Forward/Reverse	_____
12.45	Mower lift -	Electro Hydraulic switches, <b>state-</b>	_____
12.46	Indicator lights-	Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temp, intake temp, low oil pressure, alternator, engine hours, hydraulic oil temp and voltage.	_____
12.47	Diagnostic control-	Onboard diagnostics for engine and hydraulics	_____
12.48	Deck Drive Type -	<b>State type-</b>	_____
12.49	Cutting Widths -	192 in. with (with 0 uncut circle)	_____
12.50	Deck Width-	Center Deck cutting width – 92 in., <b>state-</b>	_____
12.51	Wing Width-	Wing Deck Cutting Width – 57 in., <b>state-</b>	_____
12.52	Discharge -	Rear	_____
12.53	Deck Construction -	<b>State construction type-</b>	_____
12.54	Impact-	2 Way Impact-absorbing wing deck system required	_____
12.55	Safety-	Safety certified and conform to ANSI B71.42004 Safety Certification Specifications for Commercial Turf Care Equipment)	_____
12.56	Deck Thickness -	11/12 gauge high strength steel with reinforced plates and bumpers	_____
12.57	Cut-Height of cut range-	1 – 5 1/2 in. Height of cut adjustable in 1/2 in increments <b>state-</b>	_____
12.58	Mowing Rate -	acres per hour, <b>state speed (mph)-</b>	_____
12.59	Caster Wheels -	Foam filled <b>State ply and dimensions-</b>	_____
12.60	Blades -	5 for center deck, 3 each for side decks <b>State type-</b>	_____
12.61	Blade Length -	<b>state-</b>	_____
12.62	Mulching Blades-	<b>(1) set of mulching/high lift blades</b>	_____
12.63	Blade Width -	2.5 in.	_____
12.64	Blade Thickness -	<b>State thickness-</b>	_____
12.65	Blade tip speed -	<b>State-</b>	_____



12.66	Mower Blades-	Interchangeable Mower Blades between all Decks	_____
12.67	Spindle shaft-	<b>State type and construction-</b>	_____
12.68	Fire Extinguisher-	ABC type (5 lbs), <b>state location-</b>	_____
12.69	Beacon-	HELLA MLB 10012-24VDC Part #H27996011 LED Micro Light bar 12-24V Magnetic Amber SAE CLASS 1. Wired directly to ignition switch.	_____
12.70	Towing Provisions-	Towing Provisions required, <b>state location-</b>	_____
12.71	Back up alarm-	Back up alarm required, <b>state dba-</b>	_____
12.72	Slow moving sign-	Required	_____
12.73	Noise decibel rating-	<b>State-</b>	_____
12.74	Ground Clearance-	<b>State-</b>	_____

**13.0 WARRANTY-**

13.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information.

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**14.0 TRAINING-**

14.1 The Contractor shall be required to provide training (at the Contractor's expense) for the City of Winnipeg maintenance and operating personnel. The training shall be divided into two separate sessions, one for maintenance personnel and one for operating personnel. The training shall be conducted in separate or combined sessions for each group of personnel.

The duration of the sessions shall be as long as required for adequate familiarization and orientation of the equipment to the satisfaction of the Contract Administrator.

The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator.

The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days for operating personnel.

Note: The first payment of the contract on the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

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Training Aides:

a) On the type of equipment being offered, **state**

**if CD Rom training aides or on-line training are available-**

What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

**State** what other training aids are available (videos, CDs).

For the primary unit:

For major attachments (if applicable):

Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to: Public Works Department, Human Resources Division Equipment Operator Training Branch

102-1155 Pacific Avenue  
Winnipeg, MB  
R3E 3P1

Leanne Guertin  
Equipment Operator Training Consultant

Cell: 204-451-3793  
Contact e-mail: [lguertin@winnipeg.ca](mailto:lguertin@winnipeg.ca)

**15.0 DELIVERY-**

- 15.1 Delivery Point- The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order.
- 15.2 Delivery Time- Within **(4-8) four to eight calendar weeks** from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.
- 15.3 Delivery Contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 15.4 P.D.I- A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

**16.0 MANUALS-**

16.1 Manuals supplied under this contract shall be in English and shall be specifically for the cab & chassis, snow plow, sander/dump box, pre-wetting system and control system supplied. General purpose manuals are not acceptable. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available.

16.2 The following manuals shall be supplied with the units when delivered:

- a) Operator's manual – Two (2) per unit (one operators manual shall be sent to the Equipment Operator Training Branch
- b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred.
- c) Detailed wiring schematics – three (3) complete sets, including trouble shooting guide.

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## FORM Q-SUSTAINABILITY QUESTIONNAIRE

### **Product Information**

(Yes/No)

#### **Product Sustainability: High Quality, Small Ecological Footprint**

1. Have you employed environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity as compared to similar goods? If yes, please describe them below.

Describe:

2. Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?

Describe:

3. Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.

Describe:

4. Are there any other environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity that we could have specified in this tender, but have not? If yes, please describe them below.

Describe:

### **Company Information**

#### **Energy and Climate: Reducing Energy Costs and Greenhouse Gas Emissions**

1. Have you measured your corporate greenhouse gas emissions? If yes, please report your total annual greenhouse gas emissions reported in the most recent year measured?

Describe:

2. Have you set publicly available greenhouse gas reduction targets? If yes, what are those targets?

Describe:

**Material Efficiency: Reducing Waste and Enhancing Quality**

1. Do you measure the total amount of solid waste generated from the facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

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2. Have you set publicly available solid waste reduction targets? If yes, what are those targets?

Describe:

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3. Do you measure the total water use from facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

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4. Have you set publicly available water use reduction targets? If yes, what are those targets?

Describe:

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**Natural Resources: Responsibly Sourced Raw Materials**

1. Have you established publicly available sustainability purchasing guidelines for your direct suppliers that address issues such as environmental compliance, employment practices and product safety?

Describe:

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**Social Responsibility: Ensuring Responsible and Ethical Production**

1. Do you have a process for managing social compliance at the manufacturing level?

Describe:

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2. Do you work with your supply base to resolve issues found during social compliance evaluations and also document specific corrections and improvements?

Describe:

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3. Do you invest in community development activities in the markets you source from and/or operate within? \_\_\_\_\_

Describe:

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