

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF A 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

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

The Bidder is:

(Choose one)

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 B9)

SUPPLY & DELIVERY OF A WIDE AREA MOWER

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Wide Area Mower	16068	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 16068

Wide Area Mower

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe a Wide Area Mower and other equipment and features as specified herein.
- 1.2 The Wide Area Mower shall be a new 2016 or 2017 model year.
- 1.3 The Wide Area Mower and all other items/components shall be the manufacturer's latest model. The vehicles 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.
- 1.4 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the equipment.

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.
- 2.2.1 The Wide Area Mower shall comply with the applicable regulations:
- Transport Canada, National Safety Mark, NSM:
<http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>
- Manitoba 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.csagroup.org/>
- Under Writers of Canada, U/L:
<http://www.ulc.ca/>
- Society of Automotive Engineers, SAE:
<http://www.sae.org/>
- 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 supplier shall have an authorized service facility located within 10 kilometres 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. Further to B9.1, 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.

3.2 **Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.**

The Bidder shall choose and fill in **one (1)** of the Clauses listed below. --- 3.4) or 3.5)

3.3 Bidder's own facility location. State the location of the service facility below.

3.4 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

4.0 REFERENCES

4.1 If available, please provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 MAKE & MODEL

5.1 **State make and model of the Wide Area Mower being bid-** _____

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 Wide Area Mower, 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, or 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 Wide Area Mower 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 All equipment must be fully fuelled upon delivery (**no exceptions**).

9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

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

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.

9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Wide Area Mower** of the type being offered.

10.0 SPECIFICATIONS:

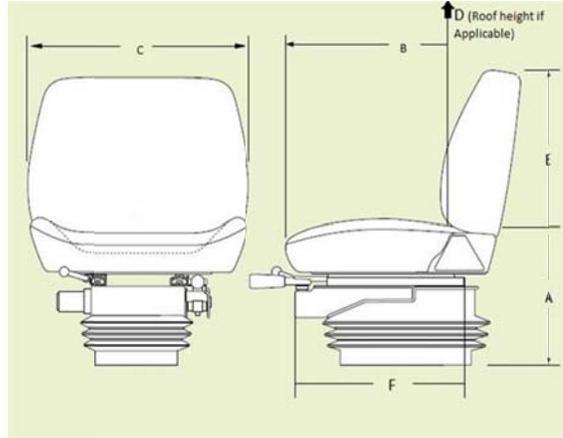
10.1	Engine	Tier IV interim or Final compliant - Engines shall be warranted to use biodiesel at a B2, B5 and/ or B20 blend level (20% biodiesel to 80% ultra-low sulphur diesel), where the biodiesel will meet product specification ASTM D6751 to ensure fuel quality, State	_____
10.2	Horsepower	95 hp-105 State horsepower @ rpm	_____
10.3	Displacement	195-205 cu.in, State	_____
10.4	Torque	250-310 lb.-ft. of torque, State torque @ rpm-	_____
10.5	Cylinders	Four (4) cylinder	_____
10.6	Injection	State Injection type	_____
10.7	Starting Aid	Intake air heater or glow plugs State	_____
10.8	Rated Engine Speed	2200 rpm, State	_____
10.9	Operating Range	0-2700 rpm, State	_____
10.10	Lubrication	Pressurized, State	_____
10.11	Oil Filter	Spin, State	_____
10.12	Cooling	Liquid Cooled, State type	_____
10.13	Cooling System	Capacity – eight – thirteen (8-13) litre with variable speed, temperature actuated reversing fan	_____
10.14	Crankcase Capacity	State	_____
10.15	Air Cleaner	Dual Element, Dry Type	_____

10.16	Air Restriction Indicator	Required	_____
10.17	Fuel Pump Type	Electronic High-Pressure Rail or Mechanical State	_____
10.18	Fuel Capacity	25-35 US gal	_____
10.19	Hydraulic Filtration	State type	_____
10.20	Electrical	Charging system – Automotive type	_____
10.21	Alternator	100-120 amp	_____
10.22	Battery Voltage	12 volt, State CCA	_____
10.23	Lighting	Headlights, red and amber flashers, turn signals tail lights and brake lights Brake lights preferred but optional State	_____
10.24	Transmission	Hydrostatic	_____
10.25	Transaxle Type	Required: Dual Range Hi/Lo	_____
10.26	Transaxle	Preferred: Planetary gear type, with double reduction State	_____
10.27	Drive System	4WD	_____
10.28	(4) Wheel Drive Type	Parallel hydrostatic, closed loop	_____
10.29	Brakes	Internal wet disk	_____
10.30	Steering Brakes	Required: Individual Foot Operated State	_____
10.31	Parking Brakes	State	_____
10.32	Differential Lock	Front and Rear Hydraulic Flow Divider or Auto flow divider for anti-stall and limited slip State	_____
10.33	Frame	State construction	_____
10.34	Steering	Hydrostatic Steering With Tilt	_____
10.35	Travel Speeds	State all travel speeds	_____
10.36	Canopy/Sunshade	Required	_____
10.37	Seat	Air ride suspension, 4-Way adjustable with seat belt. Seat to come with an extra seat belt extension.	_____
10.38	Tires	State size and ply: Spare front and rear complete with rims required (1 of each)	_____
10.39	Tread	Turf Tires (spring, summer, fall application)	_____
10.40	Wheel Base	State	_____
10.41	Length (with deck)	State	_____

10.42	Height (Include Rollover Protection Structure)	State	_____
10.43	Throttle	Electronic 3 Position or Variable	_____
10.44	Forward/Reverse	Electronic Single Pedal or Two-Pedal State	_____
10.45	Mower Lift	Electro Hydraulic Switches or Hand operated Levers State	_____
10.46	Indicator Lights	Onboard LCD display shows gauges, alerts/faults, service reminders, and electrical system diagnostics. Indicates fuel level, coolant temp, intake temp, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temp and voltage.	_____
10.47	Diagnostic Control	Onboard diagnostics for engine and hydraulics	_____
10.48	Deck Drive Type	State type	_____
10.49	Cutting Widths	Approximately 16' (192") with (with 0 uncut circle)	_____
10.50	Deck Width	Center Deck Cutting Width – Approximately 80-95 in., State	_____
10.51	Wing Width	Wing Deck Cutting Width – Approximately 55-60 in., State	_____
10.52	Discharge	Rear	_____
10.53	Deck Construction	State construction type	_____
10.54	Impact	Required: Impact-absorbing wing deck system	_____
10.55	Safety	Safety certified and conform to ANSI 71.42004 Safety Certification Specifications for Commercial Turf Care Equipment)	_____
10.56	Deck Thickness	High strength steel with reinforced plates and bumpers. State Deck Thickness	_____
10.57	Cut-Height Range	1 – 6 in. Height of cut adjustable in ½ in increments State	_____
10.58	Mowing Rate	acres per hour, State speed (mph)	_____
10.59	Caster Wheels	Foam filled State ply and dimensions	_____
10.60	Blades	Flat Blades (not mulching blades) 5 for center deck, 3 each for side decks, State type	_____
10.61	Blade Length	State	_____
10.62	Extra Flat Blades	(1) extra set of flat (not mulching) blades	_____
10.63	Blade Width	2.5 in.	_____
10.64	Blade Thickness	State thickness	_____

10.65	Blade Tip Speed	State	_____
10.66	Mower Blades	Interchangeable Mower Blades between all Decks	_____
10.67	Spindle Shaft	State type and construction	_____
10.68	Fire Extinguisher	ABC type (2 lb.), State location	_____
10.69	Beacon	HELLA MLB 10012-24VDC Part #H27996011 LED Micro Light bar 12-24V Magnetic Amber SAE Class 1. Wired directly to ignition switch	_____
10.70	Towing Provisions	Towing Provisions required, State location	_____
10.71	Back Up Alarm	Required Back up alarm State dB	_____
10.72	Slow Moving Sign	Required	_____
10.73	Noise Decibel Rating	State	_____
10.74	Ground Clearance	State	_____
10.75	Operator Tool Box	Require small tool box for operator belongings. State Dimensions and location	_____
10.76	Safety Lights	Turn signals, brake / stop lights	_____
10.77	Spare Wheels	Spare set of (3) castor wheels. All caster wheels to be solid/foam filled	_____
11.0	<u>ERGONOMIC SPECIFICATIONS FOR VEHICLES/ POWERED MOBILE EQUIPMENT</u>		
11.1	ENTRY/ EXIT		
11.2	First step entry height	State , height of first step in inches	_____
11.3	First handhold entry height	State , first handhold entry height in inches	_____
11.4	Access to equipment	State , door opening height in inches	_____
11.5	Access to equipment	State , door opening width in inches	_____
11.6	Designed to prevent slipping	Anti-slip steps/handholds (Y or N)?	_____

11.7 SEAT
 (use below diagram to answer questions)



11.8 Sitting Height Range (from floor (where feet rest) (A)) **State, seat height range in inches** _____

11.9 Seat Length/Depth (B) **State, seat length/depth in inches** _____

11.10 Seat Width (C) **State, seat width in inches** _____

11.11 Cab Height (from seat to roof (if applicable) (D)) **State, cab height range in inches** _____

11.12 Back Rest Height (E) **State, back rest height in inches** _____

11.13 Seat Travel Range (F) **State, seat travel in inches** _____

11.14 Lumbar Support Is lumbar support provided (**Y or N**)? _____

11.15 Head Rest Is head rest provided (**Y or N**)? _____

11.16 Seat is made of breathable material **State, type of seat material** _____

11.17 OPERATION

11.18 a) Reaching Distance (to usual work) **State, reaching distance in inches** _____

11.19 b) Maximum Reaching Distance **State, maximum reach distance in inches** _____

11.20 Adjustable Pedals (accelerator/brake/clutch) Are pedals adjustable (**Y or N**)? _____

11.21 Adjustable Steering Wheel Is steering wheel adjustable (**Y or N**)? _____

11.22 Adjustable Shoulder Belt Is belt adjustable and anchored (**Y or N**)? _____

11.23 **CARGO AREA**

11.24 Lid opens to provide adequate space Adequate space provided **(Y or N)?** _____

11.25 Loading Height **State**, trunk height in inches _____

11.26 **ENVIRONMENT**

11.27 Operator compartment is insulated from equipment noise (while operating) **State**, dB inside cab while operating _____

11.28 Operator insulated from equipment vibration Is operator insulated from vibration (Y or N)? _____

11.29 Heating/Cooling Systems **State**, cab temperature range _____

11.30 Cab Lighting **State**, lumens inside cab _____

11.31 **MAINTENANCE/
INSPECTION**

11.32 Lift Assistance (when necessary) Is lift assistance provided **(Y or N)?** _____

11.33 Easy Access (to compartment doors) Is easy access provided **(Y or N)?** _____

11.34 Include any other relevant ergonomic specifications and applicable range of adjustment

12.0 **GREASING SYSTEM**

12.1 Greasing System **Required:** _____
Groeneveld CPL Systems Inc. complete CPL automatic greasing system including all required grease points on the flusher body, and automatic low level shut-off with in-cab red light indicator.

12.2 Greasing Points **State** Alternative **State**, quantity of greasing points _____

12.3 Grease Fittings Readily accessible with remote grease zerks _____

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. _____

13.2 Basic Coverage (Complete Machine) Warranty 2 years, 2000 hours _____

13.3 Power Train (Engine, Transmission) Warranty 2 years 2000 hours _____

13.4 Hydraulics Warranty (Hydraulics) Warranty 2 years, 2000 hours _____

13.5 Batteries Warranty (Batteries) Warranty 1 year _____

13.6 Tires Warranty (Tires) Warranty 1 year _____

13.7 Electrical Warranty (Electrical) Warranty 2 years, 2000 hours _____

14.0 **DELIVERY**

14.1 **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 WFMA 185 Tecumseh Street, Winnipeg MB. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____

14.2 **Delivery Time:** **Ten - Twelve (10 - 12) calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

14.3 **Delivery Contact:** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

14.4 **P.D.I.:** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____

15.0 **MANUALS**

15.1 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____

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

a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch _____

b) Parts and Service manuals – one (1) complete set including preventative maintenance schedules. Memory sticks are preferred. _____

16.0 **PARTS/LABOUR PRICING**

16.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount** _____

16.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount** _____

17.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT**

17.1 In order to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters and belts for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing. The required set of belts shall include alternator, water pump, and power steering or otherwise all known necessary replacement belts used on the equipment. _____

17.2 The Contractor must provide a list of factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during Preventative Maintenance servicing. _____