

FORM A: BID
(See B7)

1. Contract Title SUPPLY & DELIVERY OF ALL-WHEEL DRIVE COMPACT MOTOR GRADERS

2. Bidder

Name of Bidder

Street

City

Province

Postal Code

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

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

E-mail 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 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 ALL-WHEEL DRIVE COMPACT MOTOR GRADERS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	All-Wheel Drive Compact Motor Graders	09022	(Each)	(2)	\$ _____	\$ _____

TOTAL BID PRICE (GST and MRST extra) (in figures) \$ _____

(in words) _____

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 09022

- 1.1 The Supply & Delivery of the **All-Wheel Drive Compact Motor Graders** shall be new 2008 or 2009 model years. The equipment shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned but which are required to complete and place the vehicles into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 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 vehicles.
- 1.3 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 1.4 Each bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.
- 1.5 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 1.6 The **All-Wheel Drive Compact Motor Graders** and all its components 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/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html>
- Manitoba/Winnipeg Safety and Health Act = <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

2.0 **SERVICE FACILITY-**

2.1 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.

3.0 ELIGIBLE MODELS- CHAMPION C86 C, LEEBOY 685B OR EQUIVALENT IN ACCORDANCE WITH B5. SUBSTITUES STATED HEREIN.

3.1 **STATE MAKE & MODEL-** _____

GENERAL SPECIFICATIONS-

4.0 DIMENSIONS:

4.1 Length: 21' 8", state- _____

4.2 Width: 7' 6", state- _____

4.3 Height: with cab and air conditioning unit, state- _____

4.4 Wheelbase: state- _____

5.0 WEIGHT:

5.1 Total: Operating weight, state- _____

5.2 Front: State- _____

5.3 Rear: State- _____

6.0 ENGINE:

6.1 Horsepower: 100 HP _____

6.2 Type: Four stroke turbo charged, in-line, 4-cylinder
diesel engine _____

6.3 Net torque: State- _____

6.4 Air Cleaner: Two stage dry element _____

6.5 Electrical system: 12 volt with 65 Amp. Alternator _____

6.6 Batteries: Two 12 volt, 900 Amp _____

6.7 Cold weather engine package (ether start, block heater) _____

6.8 (SCR- Selective Catalytic Reduction not acceptable). Engines shall be warranted to use biodiesel at a B10 blend level (10% biodiesel to 90% ultra low sulphur diesel), where the biodiesel will meet product specification ASTM D 6751 to ensure fuel quality, state- _____

7.0 TRANSMISSION:

7.1 Foot operated, servo controlled variable speed hydrostatic pump with internal pressure override, state- _____

7.3 Speed: 0 To 20 MPH _____

8.0 TIRES:

8.1 15 X19.5, State size make & model (Michelin or Bridgestone preferred) _____

9.0 REAR DRIVE:

9.1 State type- _____

10.0 FRONT AXLE:

10.1 Fabricated steel frame _____

10.2 Oscillation: 40 degrees (total), state- _____

10.3 Clearance: 14" at center line, state- _____

11.0 WHEEL LEAN:

11.1 15 degrees either direction. 30 degrees total, state- _____

12.0 STEERING:

12.1 Hydraulic power steering. _____

12.2 Turning radius: 20' 2" (straight frame), state- _____

12.3 Turning radius: 14' 9" (articulated), state- _____

12.4 Articulation range of movement: 18 degrees (each way) 36 degrees (total), state- _____

13.0 BRAKES:

13.1 Disc brake,(s), state- _____

14.0 HYDRAULIC SYSTEM:

14.1 State hydraulic system for steering pump and components. _____

15.0 MOLDBOARD:

15.1 Formed plate with an abrasive resistant cutting edge. _____

15.2 Dimensions-Length: 10' X Height: 18" _____

15.3 Cutting edge thickness: 0.625" (16mm), state- _____

15.4 Cutting edge width: 6"(152mm), state- _____

15.5 Moldboard totally enclosed greasable, adjustable housing _____

16.0 BLADE RANGE:

- 16.1 Lift above ground: 13", state- _____
- 16.2 Penetration: 13", state- _____
- 16.3 Blade side shift: 36" total (18"either left or right), state- _____
- 16.4 Rotation: 120 degrees total _____

17.0 BLADE LIFT:

- 17.1 Dual lever control, hydraulic with floats, state- _____

18.0 SCARIFIER:

- 18.1 Five replaceable teeth, spaced 9.5" apart, state available locations- _____
- 18.2 Width: State- _____
- 18.3 Lift above ground: 11", state- _____
- 18.3 Penetration: 9", state- _____

19.0 CAPACITIES:

- 19.1 Fuel tank, state- _____
- 19.2 Cooling system, state- _____
- 19.3 Crankcase: 2.5 gallons, state- _____

20.0 INSTRUMENTATION:

- 20.1 Circuit breaker protected, fuel gauge, amp meter, engine oil pressure gauge, hour meter, tachometer, automatic shutdown for low oil pressure or high water engine temperature, hydraulic level & temperature sight gauge, hydraulic filter restriction gauge, scarifier depth indicator. _____

21.0 OPERATOR AREA:

- 21.1 Fully cushioned, adjustable suspension seat with seat belt. _____
- 21.2 Adjustable console to include all operating valves and tilt steering. _____
- 21.3 All gauges are easily readable. _____
- 21.4 Cab (to include heater/defroster, air conditioner, front & rear window wipers, old-out window & removable doors.) _____

22.0 MISCELLANEOUS:

- 22.1 Back-up alarm _____
- 22.2 Rear turn signals _____
- 22.3 Rear four-way flashers _____
- 22.4 Head lights & work lights _____
- 22.5 Low profile canopy with ROPS _____
- 22.6 Safety beacon- Blue/Amber with Clear Lens L360 Series Super
LED Beacon: **L31HABF** Branch Guard: **L360BGB** _____
- 22.7 Horn _____
- 22.8 Pintle hook _____
- 22.9 Vandalism system, state type- _____
- 22.10 Blade float control _____
- 22.11 Foot-operated forward/reverse control _____
- 22.12 Fail safe braking system _____
- 22.13 Circl side shift _____
- 22.14 Front-wheel assist _____

23.0 TRAINING-

23.1 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.

23.2 **Training Aids:**

23.2.1 Training aids to be included.

- a) On the type of equipment being offered, state if VHS videotape or CD Rom training aides are available-

23.2.2 State if other training aids are available and state type.

23.3 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

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

For the primary unit:

For major attachments (if applicable):

23.5 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:

**Equipment Operator Training Branch
City of Winnipeg Public Works Department
Human Resources Division
102-1155 Pacific Ave.
Winnipeg Manitoba R3E 3P1
email: pwd-opertrain@winnipeg.ca**

Attention: Roberta Marsh, Coordinator of HR Systems and Equipment Operator Training - Pending Equipment

23.6 State acknowledgement of item 23.5-

23.7 State manufacturer's accreditation or certification for training

24.0 **WARRANTY-**

- 24.1 Upon request, complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator. _____
- 24.2 The Contractor shall warrant all equipment and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace, without cost to the City, any article that has become defective and not proven to have been caused by negligence on the part of the user within **one (1) year** from the date the equipment is put into service by the City of Winnipeg., state- _____
- 24.2.1 Notwithstanding 24.2 above, the Contractor shall warrant all major components including, but not limited to, engine, transmission, final drives, all wheel drive system (and all components thereof), pumps and motors, axle assemblies, tandem drives, etc. against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City, articles that have become defective and not proven to have been caused by negligence on the part of the user within **five (5) years or 7500 hours** from the date the equipment is put into service by the City of Winnipeg. _____
- 24.2.2 Notwithstanding 24.2 above, the Contractor shall warrant all attachments, and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace, without cost to the City, any article that has become defective and not proven to have been caused by negligence on the part of the user within **one (1) year** from the date the equipment is put into service by the City of Winnipeg. _____
- 24.3 The warranty shall not include regular maintenance items or any item deemed as a consumable that is subject to everyday wear and tear, during the regular operation of the unit. _____
- 24.3.1 Examples of items not covered under warranty:
- a) Ground engaging tools such as bolt cutting edges or bucket teeth.
 - b) Maintenance items such as filters, oils, belts etc
 - c) Miscellaneous items such as wiper blades, lights.
- 24.3.2 If the equipment provided by the Contractor contains any part manufactured by an outside source, that falls under the description in any one of the Clauses 24.3.1 above, and has a standard manufacture's warranty, the term's contained in the manufacture's warranty shall apply.
- a) In the event of contradiction, the requirements of specification 24.3.2 shall take precedence over those of specification 24.3.1. _____
- 24.4 The following shall be covered under manufacture's warranty:
- a) Batteries.

b) Tires. _____

24.5 All incidental warranty related costs (including, but not limited to, Contractor's travel, mileage, deductibles, towing costs etc.) in executing any part of the warranty shall be the sole responsibility of the Contractor. _____

24.6 All warranty work performed by the contractor is be accompanied with a priced warranty invoice showing a zero balance minus any deductibles. _____

25.0 DELIVERY-

25.1 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. _____

25.2 Delivery Time- Within **Four (4) 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, **state-** _____

25.3 Delivery Contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

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

26.0 REPAIR TIMES-

26.1 SRT Times- Please provide **if available** Standard Repair Times (SRT), of the equipment being bid. _____