

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

1. Contract Title SUPPLY & DELIVERY OF INDUSTRIAL SIDEWALK SNOW REMOVAL MACHINES

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 INDUSTRIAL SIDEWALK SNOW REMOVAL MACHINES**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Industrial Sidewalk Snow Removal Machines	1066	Each	(6)	\$ _____	\$ _____
2.	5-way Snow Plow	1066	Each	(6)	\$ _____	\$ _____
3.	Technical service manuals, CD's preferred	1066	Each	(1) Set	\$ _____	\$ _____
4.	Parts manuals, CD's preferred	1066	Each	(1) Set	\$ _____	\$ _____

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

(in words) \_\_\_\_\_

\_\_\_\_\_

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

## FORM N: DETAILED SPECIFICATIONS 1066

### 1.0 **DESCRIPTION OF EQUIPMENT AND PERFORMANCE-**

- 1.1 These specifications describe the **Supply and Delivery Industrial Sidewalk Snow Removal Machines** and other equipment and features as specified herein.
- 1.2 The Industrial Sidewalk Snow Removal Machines shall be a new **2010 or 2011** model year.
- 1.3 Shall be capable of consistent top performance for winter maintenance activities during the environments, which is normal to the City of Winnipeg.
- 1.4 The **Industrial Sidewalk Snow Removal Machines** and all other items/components shall be the manufacturer's latest models. 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 in successful operation shall be furnished as though specifically mentioned in these specifications. The complete Industrial Sidewalk Snow Removal Machines and 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 **Industrial Sidewalk Snow Removal Machines** 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](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](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](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](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](http://www.tc.gc.ca/acts-regulations/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](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](http://www.csa.ca/about/Default.asp?language=english)

[Under Writers of Canada, U/L = http://www.ulc.ca/](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)

- 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 QUALIFICATIONS OF MANUFACTURER / BIDDER/CANADIAN REFERENCES-**

3.1 Manufacturers of the Industrial Sidewalk Snow Removal Machines must have five (5) continuous years of experience manufacturing Industrial Sidewalk Snow Removal Machines of the type being offered.

3.2 The Bidder shall be an **authorized local distributor and supplier** of the Industrial Sidewalk Snow Removal Machines of the equipment being bid.

3.3 The bidder shall submit a reference list of **ten Canadian references-**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**4.0 SERVICE FACILITY-**

4.1 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.

**5.0 ELIGIBLE MODEL- PRINTOTH SW4S**

5.1 **State make and model-** \_\_\_\_\_

**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 GENERAL SPECIFICATIONS-**

7.1 Engine Type- 100 hp Tier III or IV compliant -diesel, liquid cooled and turbo charged. (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- \_\_\_\_\_

- 7.2 Steering- Independent control of each track. Steering to have forward, neutral and reverse lever. \_\_\_\_\_
- 7.3 Chassis Type- Toboggan Welded. \_\_\_\_\_
- 7.4 Front Suspension- Front wheels adjustable air suspension with hydraulic dampener. \_\_\_\_\_
- 7.5 Compressor-Compressor for suspension adjustment. \_\_\_\_\_
- 7.6 Rear Suspension- Rear wheels, tandem with hydraulic tensioning for tracks. \_\_\_\_\_
- 7.7 Wheels- Quantity 6, solid rubber with 5 bolt type tires. \_\_\_\_\_
- 7.8 Front Tire Size- 5.5 in X 22 in. front tire size. \_\_\_\_\_
- 7.9 Rear Tire Size- 5.5 in. X 24.5 in. rear tire size. \_\_\_\_\_
- 7.10 Tracks- Endless rubber tracks with steel wire reinforcement, 13.75 in. in width. \_\_\_\_\_
- 7.11 Electrical- 12 voltage, 750 CCA battery capacity with 85 amp alternator capacity. \_\_\_\_\_
- 7.12 Dimensions-
- Basic vehicles overall length 120.5 in. \_\_\_\_\_
  - Overall width 50.5 in. \_\_\_\_\_
  - Overall height 92 in. \_\_\_\_\_
  - Ground clearance 9.8 in. \_\_\_\_\_
  - State basic vehicle weight- \_\_\_\_\_
- 7.13 Cab-
- One person cab insulated with electric power tilt and integrated (ROPS) \_\_\_\_\_
  - Three point safety belt \_\_\_\_\_
  - Adjustable suspension seat \_\_\_\_\_
  - Heater w/ adjustable temperature and fan control \_\_\_\_\_
  - Intermittent front windshield wiper arm and washer \_\_\_\_\_
  - Dome lamp and dash lights \_\_\_\_\_
  - Two (2) front halogen lights with flashers \_\_\_\_\_
  - One (1) rear halogen light \_\_\_\_\_
  - Brake and Parking lights \_\_\_\_\_
  - One (1) roof mounted beacon light and one (1) blue strobe light required \_\_\_\_\_
  - Joystick for front implement control \_\_\_\_\_
  - AM/FM/CD Radio \_\_\_\_\_
  - Head light protector & Strobe light protector \_\_\_\_\_
  - Rear windshield wiper \_\_\_\_\_
  - Rear windshield defroster \_\_\_\_\_
  - Cab access steps \_\_\_\_\_
  - Five (5) lbs Fire Extinguisher and First Aid Kit required \_\_\_\_\_
- 7.14 Heater- Engine Block Heater required \_\_\_\_\_

- 7.15 Air Cleaner- Dry Type \_\_\_\_\_
- 7.16 Anti- Freeze- Anti-freeze rated up to -37C \_\_\_\_\_
- 7.17 Back Up Alarm- Back up alarm required \_\_\_\_\_
- 7.18 Stop Switch- Emergency stop switch required \_\_\_\_\_
- 7.19 Gauges & Indicators- Non reset able Hour meter, fuel gauge, tachometer, joystick for blade control, engine temperature gauge, hydrostatic oil temperature, battery charge, work mode indicator, neutral indicator, high beam light, speedometer. \_\_\_\_\_
- 7.20 Warning Buzzers (with indicator light)--Engine temperature, engine oil pressure, hydrostatic oil temperature, hydrostatic low pressure, hydrostatic low level, return-to-neutral indicator, parking brake. \_\_\_\_\_
- 7.21 5 way Snow Plow- 5 way Snow Plow with trip mechanism and reversible cutting edge. See Form B: Prices \_\_\_\_\_
- 7.22 Snow Blower Provisions required \_\_\_\_\_
- 7.23 Snow Blower Dimensions- State dimensions- \_\_\_\_\_
- 7.24 Technical service manuals, CD's preferred \_\_\_\_\_
- 7.25 Parts manuals, CD's preferred \_\_\_\_\_
- 7.26 Lighting- There will be two sets of lights in the front, above the work light, but below the roof and two sets in the rear work light in the same configuration as the front. The sides will be mounted direct to the roof one set per side. All of the lights must be controlled on separate, as per color and color coded, back lit, rocker switches. Lighting shall be amber and blue. Exact location to be determined upon a pre-production meet. \_\_\_\_\_
- 7.27 Slow Moving triangle and (5) lbs fire extinguisher required, exact location to be determined upon a pre-production meet. \_\_\_\_\_

**8.0 WARRANTY -**

- 8.1 Upon request, complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator. \_\_\_\_\_
- 8.2 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 or 1000 hours on entire unit "bumper to bumper", two (2) years or 3000 hours on engine, and one (1) year 1000 hours on hydrostatic transmission,** from the date the equipment is put into service by the City of Winnipeg. \_\_\_\_\_

8.3 Notwithstanding 8.2 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.

\_\_\_\_\_

8.4 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.

\_\_\_\_\_

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

\_\_\_\_\_

8.6 State if extended warranty pricing is available on the following components-

- Basic unit- \$ \_\_\_\_\_
- Engine- \$ \_\_\_\_\_
- Hydrostatic Transmission- \$ \_\_\_\_\_
- Electrical including ECM's \$ \_\_\_\_\_

**9.0 PERFORMANCE RELIABILITY-**

9.1 The responsibility for the design of the **Industrial Sidewalk Snow Removal Machines**, its performance and reliability shall rest upon the Contractor.

\_\_\_\_\_

9.2 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.

\_\_\_\_\_

9.3 Where the **Industrial Sidewalk Snow Removal Machines** develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

\_\_\_\_\_



**10.0 TRAINING-**

10.1 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.

10.2 Training Aides:

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

10.3 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

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

For the primary unit:

For major attachments (if applicable):

10.5 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:

**Public Works department  
Human Resources Division  
Operator Training Branch  
102-1155 Pacific Ave.  
Winnipeg Manitoba  
R3E 3P1**

**[E-mail: pwd-opertrain@winnipeg.ca](mailto:pwd-opertrain@winnipeg.ca)**

**Attn: Equipment Training Coordinator - Pending Equipment Delivery**

**11.0 TECHNICAL SERVICE & PARTS MANUALS-**

11.1 One set of technical service and parts manuals are required, CD preferred \_\_\_\_\_

**12.0 DELIVERY-**

12.1 **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. \_\_\_\_\_

12.2 **Delivery Time-** Complete equipment shall arrive no later than October 15<sup>th</sup>, 2010 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. \_\_\_\_\_

12.3 **Delivery Contact-** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. \_\_\_\_\_

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