

**FORM A: BID**  
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF SNOW PLOWS AND SNOW BLOWER ATTACHMENTS FOR TRACKLESS SIDEWALK MACHINES

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. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

YES, 51% or more Indigenous ownership

NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

11. 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 AND DELIVERY OF SNOW PLOWS AND SNOW BLOWER ATTACHMENTS FOR TRACKLESS  
SIDEWALK MACHINES**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	60" Angle Plow with Attaching Kit	18031	Each	6	
2.	60" Ribbon Snow Blower with Sidewalk Chute	18032	Each	6	

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

## FORM N: DETAILED SPECIFICATIONS 18031

### ANGLE PLOW-FRONT MOUNT

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

- 1.1 These specifications describe an **Angle Plow** and other equipment and features as specified herein.
- 1.2 The **Angle Plow** shall be a new 2018 model year or newer.
- 1.3 The **Angle Plow** 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.
- 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 The **Angle Plow** 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 Regulation, Parts 12, 16, 22:  
<http://web2.gov.mb.ca/laws/regs/current/217.06.pdf>

Canadian Motor Vehicle Safety Standards C.M.V.S.S.  
[http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,\\_c.\\_1038/section-sched3.html](http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/section-sched3.html)

Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker.  
<http://web2.gov.mb.ca/laws/regs/index.php?act=h60>

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 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. 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.

### **4.0 REFERENCES**

- 4.1 Provide five (5) 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, model and year 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 **Angle Plow**, 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 **Angle Plow** 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 fueled upon delivery (no exceptions).

## 9.0 **QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

9.1 The manufacturer of the **Angle Plow** shall have five (5) years continuous experience manufacturing the equipment.

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 **Angle Plow** of the type being offered.

## 10.0 **SPECIFICATIONS:**

10.1 Angle Plows to be front mount and compatible with **2018 Trackless MT7 Sidewalk Tractors**. Angle plows shall be complete with all hardware (including any electrical harnesses, mounting brackets, attaching kits etc.) necessary for hook-up and proper operation for the intended application. \_\_\_\_\_

10.2 Plow width 60 inches, **state**. \_\_\_\_\_

10.3 Blade height Approx. 30inches, **state**. \_\_\_\_\_

10.4 Overall length Approx. 48 inches, **state**. \_\_\_\_\_

10.5 Overall weight Approx. 350lbs, **state**. \_\_\_\_\_

10.6 Cutting edge Hardened steel, reversible ½ " x 6", **state**. \_\_\_\_\_

10.7 Skid shoes Two (2) adjustable. \_\_\_\_\_

10.8 Blade angle change Approx. 30° left and right of centre. \_\_\_\_\_

10.9 Hydraulic cylinders Two (2) single acting cylinders with cushion valve to protect plow if an object is struck. \_\_\_\_\_

10.10 Down pressure (blade) Plow capable of operating under hydraulic down pressure. \_\_\_\_\_

10.11 Trip system Full blade trip, returns to upright position when blade assembly raised. Blade tips forward to ride over obstructions. \_\_\_\_\_

10.12 Hydraulic hoses and quick couplers Couplers to be colour coded \_\_\_\_\_

10.13 Grease Fittings All pivot and rotational points \_\_\_\_\_

## 11.0 **WARRANTY**

11.1 All warranty information shall be detailed and include all exclusions. \_\_\_\_\_

The successful bidder shall provide all published warranty information upon delivery of the equipment.

Contractor shall state all warranty information.

11.2 Defect of workmanship, construction and materials **State.** \_\_\_\_\_

11.3 Hydraulic cylinders **State.** \_\_\_\_\_

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. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order \_\_\_\_\_

12.2 Delivery Time: **State earliest delivery time** from the date of award. Equipment shall be delivered between 8:00 am and 2:00 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 \_\_\_\_\_

13.0 **MANUALS**

13.1 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD or USB flash drive is preferred where available. \_\_\_\_\_

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

a) Operator's manual – Three (3) per unit (one operator manual shall be sent to the Equipment Operator Training Branch \_\_\_\_\_

b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs or USB flash drive are preferred. \_\_\_\_\_

14.0 **PARTS/LABOUR PRICING**

14.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount-** \_\_\_\_\_

14.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount-** \_\_\_\_\_

## FORM N: DETAILED SPECIFICATIONS 18032

### RIBBON SNOW BLOWER-FRONT MOUNT

#### 1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a Ribbon Snow Blower and other equipment and features as specified herein.
- 1.2 The Ribbon Snow Blower shall be a new 2018 model year or newer.
- 1.3 The Ribbon Snow Blower 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.
- 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 The Ribbon Snow Blower 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 Regulation, Parts 12, 16, 22:  
<http://web2.gov.mb.ca/laws/regs/current/217.06.pdf>

Canadian Motor Vehicle Safety Standards C.M.V.S.S.  
[http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,\\_c.\\_1038/section-sched3.html](http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/section-sched3.html)

Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker.  
<http://web2.gov.mb.ca/laws/regs/index.php?act=h60>

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 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. 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.

### 4.0 **REFERENCES**

- 4.1 Provide five (5) 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, model and year of the equipment 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 **Ribbon Snow Blower**, 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 **Ribbon Snow Blower** 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 fueled upon delivery (no exceptions).

**9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

9.1 The manufacturer of the **Ribbon Snow Blower** shall have five (5) years continuous experience manufacturing the equipment.

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 **Ribbon Snow Blower** of the type being offered.

**10.0 SPECIFICATIONS:**

10.1 Ribbon Snow Blower to be front mount and compatible with **2018 Trackless MT7 Sidewalk Tractors**. Ribbon Snow Blower shall be complete with all hardware (including any electrical harnesses, mounting brackets, attaching kits etc.) necessary for hook-up and proper operation for the intended application. \_\_\_\_\_

10.2 Ribbon style snow blower With end plates 3/8" steel. \_\_\_\_\_

10.3 Blower width 60 inches, **state**. \_\_\_\_\_

10.4 Housing height Approx. 38 inches, **state**. \_\_\_\_\_

10.5 Auger 28 inch diameter ribbon with ice picks. \_\_\_\_\_

10.6 Impeller Five (5) scoop blades approx. 7.5" x 24" diameter with 2 piece replaceable housing liner. \_\_\_\_\_

10.7 Cutting edge Hardened steel, reversible 1/2 " x 6", **state** \_\_\_\_\_

10.8 Overall length Approx. 56 inches, **state**. \_\_\_\_\_

10.9 Overall height Approx. 90 inches, **state**. \_\_\_\_\_

10.10 Overall weight Approx. 1650lbs, **state**. \_\_\_\_\_

10.11 Gear box (auger and impeller): PTO to gear box with 2" diameter impeller output shaft. Chain drive auger. \_\_\_\_\_

10.12 Shear bolts Main PTO and on augers. \_\_\_\_\_

10.13 Adjustable cutting height Adjustable shoe brackets. \_\_\_\_\_

10.14 Skid shoes Hardened steel 1.5" thick, free pivoting. \_\_\_\_\_

10.15 Controls Raising/lowering, chute rotation, and chute deflector controlled hydraulically from single joystick inside tractor cab. \_\_\_\_\_

- |       |                                    |                                                        |       |
|-------|------------------------------------|--------------------------------------------------------|-------|
| 10.16 | Discharge chute                    | Side walk chute with throat clearance of approx. 87".  | _____ |
| 10.17 | Discharge chute rotation           | Rotates on ball bearing system, rotation approx. 270°. | _____ |
| 10.18 | Hydraulic hoses and quick couplers | Couplers to be colour coded.                           | _____ |
| 10.19 | Grease Fittings                    | All pivot and rotational points                        | _____ |

11.0 **WARRANTY**

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Contractor shall state all warranty information.

- 11.2 Defect of workmanship, construction and materials **State.** \_\_\_\_\_

- 11.3 Hydraulic cylinders **State.** \_\_\_\_\_

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. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order \_\_\_\_\_

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14.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount-** \_\_\_\_\_