

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

1. Contract Title SUPPLY AND DELIVERY OF ELECTRIC ICE EDGERS

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

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 Bidder hereby declares the business is at least 51% owned by one or more Indigenous persons of Canada.

YES

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 ELECTRIC ICE EDGERS**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Electric Ice Edger	17068	Each	4	

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

## FORM N: DETAILED SPECIFICATIONS 17068

### Electric Ice Edgers

#### **1.0 DESCRIPTION OF EQUIPMENT/APPLICATION**

- 1.1 **Description:** These specifications describe an Electric Ice Edgers and other equipment and features as specified herein.
- 1.2 The Electric Ice Edgers shall be a new 2017 or 2018 model year.
- 1.3 The Electric Ice Edgers 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 The Electric Ice Edgers 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 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.

### **4.0 REFERENCES**

4.1 If available, please 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 and model of the Electric Ice Edgers 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 Electric Ice Edgers, 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 Electric Ice Edgers 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 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

8.1 The manufacturer of the **Electric Ice Edgers** shall have five (5) years continuous experience manufacturing **Electric Ice Edgers**.

8.2 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.

8.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Electric Ice Edgers** of the type being offered.

**9.0 SPECIFICATIONS:**

**General:**

9.1 Depth of Cut **State:** \_\_\_\_\_  
Minimum: \_\_\_\_\_  
Maximum: \_\_\_\_\_

9.2 Width of Cut Approximately 14 in. \_\_\_\_\_  
**State:** \_\_\_\_\_

9.3 Weight Approximately 250 lbs. \_\_\_\_\_  
**State:** \_\_\_\_\_

**Battery and Motor Specifications**

9.4 Electrical System 36-Volt, 100 amp continuous system \_\_\_\_\_

9.5 Electric Motor Approximately 6.5 - 9 HP @ 36 Volts \_\_\_\_\_  
**State:** \_\_\_\_\_

9.6 Batteries Approximately 12 Volts each \_\_\_\_\_  
8A31DT or equivalent  
Maintenance Free  
AGM  
**State:** make, model and quantity

9.7 Battery Warranty **State:** warranty period \_\_\_\_\_

**Charging System**

9.8 110 or 220 Volt **State:** \_\_\_\_\_

9.9 Continuous Operation Capable of approximately 40-minutes of \_\_\_\_\_  
continuous operation before re-charging \_\_\_\_\_  
of batteries

9.10 Method Automatically drains the battery of \_\_\_\_\_  
residual power and then recharges the \_\_\_\_\_  
battery to maximum

**Blades**

- |      |          |  |       |
|------|----------|--|-------|
| 9.11 | Quantity | Approximately Eight (8)<br><b>State:</b> quantity          | _____ |
| 9.12 | Material | Carbide Tip<br><b>State:</b>                               | _____ |
| 9.13 | Ability  | Ability to cut flat or on an angle with the<br>ice surface | _____ |

**Braking System**

- |      |              |                  |       |
|------|--------------|------------------|-------|
| 9.14 | Safety Brake | <b>Required:</b> | _____ |
|------|--------------|------------------|-------|

**Wheels**

- |      |       |   |       |
|------|-------|---|-------|
| 9.15 | Front | Two (2) Required<br>Height Adjustable<br><b>State:</b> size | _____ |
| 9.16 | Rear  | Two (2) Required<br>Height Adjustable<br><b>State:</b> size | _____ |

**Snow/Ice Chips Deflector**

- |      |  |                  |       |
|------|--|------------------|-------|
| 9.17 | Directs snow or ice chips towards<br>center of ice, away from the<br>boards and operator | <b>Required:</b> | _____ |
|------|--|------------------|-------|

**Controls**

- |      |                 |  |       |
|------|-----------------|--|-------|
| 9.18 | Motor and Depth | Ergonomically located for operator<br><b>State:</b> location | _____ |
|------|-----------------|--|-------|

10.0 **WARRANTY**

- |      |  |  |       |
|------|--|--|-------|
| 10.1 | All warranty information shall be detailed and <b><u>include all exclusions</u></b> . The<br>successful Bidder shall provide all published warranty information upon delivery<br>of the equipment. |  | _____ |
|------|--|--|-------|

- |      |   |  |       |
|------|---|--|-------|
| 10.2 | The warranty for the <b><u>Electric Ice Edgers</u></b> shall cover the complete equipment,<br>and all parts thereof against any defects of workmanship, construction and<br>materials, for a period of 12 months. |  | _____ |
|------|---|--|-------|

Any equipment that has become defective during said warranty period and has  
not proven to have been caused by negligence on the part of the user shall be  
repaired or replaced at no cost to the City.

The warranty shall be effective from the date the equipment is put into service  
by the City of Winnipeg.

- |      |                          |               |       |
|------|--------------------------|---------------|-------|
| 10.3 | Basic Equipment Warranty | <b>State:</b> | _____ |
|------|--------------------------|---------------|-------|

11.0 **DELIVERY**

11.1 **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 960 Thomas Ave, Gate D, Winnipeg MB. The successful Bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order \_\_\_\_\_

11.2 **Delivery Time:** Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. \_\_\_\_\_  
**State:** delivery time \_\_\_\_\_

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

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

12.0 **MANUALS**

12.1 The manuals supplied under this Contract shall cover the complete equipment including all components thereof, Memory Stick is preferred where available. \_\_\_\_\_

12.2 The following manuals shall be supplied with the units when delivered: \_\_\_\_\_  
a) Operator's Manual – Two (2) per unit. One (1) 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. \_\_\_\_\_

13.0 **PARTS/LABOUR PRICING**

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

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

14.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT**

14.1 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 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. \_\_\_\_\_

14.2 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. \_\_\_\_\_