

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

1. Contract Title SUPPLY AND DELIVERY OF BATTERY ELECTRIC VEHICLES (BEV)

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 BATTERY ELECTRIC VEHICLES (BEV)

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Battery Electric Vehicle	18002	Each	2	

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

## FORM N: DETAILED SPECIFICATIONS 18002

### BATTERY ELECTRIC VEHICLE

#### 1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a **Battery Electric Vehicle** and other equipment and features as specified herein.
- 1.2 The **Battery Electric Vehicle** shall be a new 2018 model year or newer.
- 1.3 The **Battery Electric Vehicle** 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 **Battery Electric Vehicle** 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. 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.

### 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** year, make and model 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 **Battery Electric Vehicle**, 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 **Battery Electric Vehicle** 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 **Battery Electric Vehicle** shall have five (5) years continuous experience manufacturing **Battery Electric Vehicle**.

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 **Battery Electric Vehicle** of the type being offered.

**10.0 SPECIFICATIONS:**

10.1 Vehicle Make and Model **State:** \_\_\_\_\_

**Air Conditioning / Heating**

10.2 Air Conditioning **Required:** \_\_\_\_\_

10.3 Rear Window Defroster Electric \_\_\_\_\_

**Batteries**

10.4 Auxiliary Battery Approximately 12-volt with run-down protection  
**State:** \_\_\_\_\_

10.5 Electric Vehicle Battery (EVB) Lithium-ion  
 Traction Battery Approximately 60 kWh  
**State:** type and kWh \_\_\_\_\_

**Bluetooth / Cell Phone Compatibility**

10.6 Bluetooth® Technology For use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit \_\_\_\_\_

**Body Style**

10.7 Design & Seating 4 Door, 5 Passenger Seating \_\_\_\_\_

10.8 Sedan or Hatchback **State:** \_\_\_\_\_

**Brakes**

10.9 Regenerative Braking System **Required:** \_\_\_\_\_

10.10 Type Power Brakes – 4-Wheel Anti-Lock  
**State:** \_\_\_\_\_

### Cargo Space

- 10.11 Cargo Space
- Approximately 475 L (16.9 cu. ft.) with seats folded up \_\_\_\_\_
- Approximately 1603 L (56.6 cu. ft.) with seats folded down \_\_\_\_\_
- State:** volume for both configurations

### Charging Cord

- 10.12 Convenience Cord
- 120-volt, portable \_\_\_\_\_
- State:** standard equipment

### Charging Port

- 10.13 Type
- SAE J1772 – DC Fast Charging Combined Charging Standard (CCS) Combo Connector \_\_\_\_\_
- State:**

### Charging Time

- 10.14 Level 1
- State:** average time in minutes or hours \_\_\_\_\_
- 10.15 Level 2
- State:** average time in minutes or hours \_\_\_\_\_
- 10.16 Level 3
- State:** average time in minutes or hours \_\_\_\_\_

### Colour

- 10.17 Interior
- Dark Grey or Charcoal or equivalent \_\_\_\_\_
- 10.18 Exterior
- White \_\_\_\_\_

### Drivetrain

- 10.19 Type
- Front Wheel Drive \_\_\_\_\_

### Driving Range

- 10.20 Estimated Driving Range
- Approximately 380 km (236 miles) \_\_\_\_\_
- State:**

### Electric Drive Unit

- 10.21 Horsepower
- Approximately 150 kW (200 hp) \_\_\_\_\_
- State:**
- 10.22 Torque
- Approximately 360 N-m (266 lb-ft) \_\_\_\_\_
- State:**



**Fuel Economy**

A conversion factor is used to convert electrical energy consumption values, expressed in kilowatt hours per 100 kilometres (kWh/100 km), into gasoline litres equivalent per 100 kilometres (L<sub>e</sub>/100 km). One litre of gasoline contains the energy equivalent to 8.9 kWh of electricity.

10.23	City	<b>State:</b> L <sub>e</sub> /100 km estimated	_____
10.24	Highway	<b>State:</b> L <sub>e</sub> /100 km estimated	_____
10.25	Combined	<b>State:</b> L <sub>e</sub> /100 km estimated	_____

**Mirrors**

10.26	Mirrors	Interior rearview and dual power exterior	_____
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**Onboard Charger**

10.27	Type	Approximately 7.2 kW <b>State:</b> kW	_____
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**Radio**

10.28	Radio	AM/FM with CD player or USB port with auxiliary input	_____
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**Seating**

10.29	Front	Two (2) bucket seats or bench seat <b>State:</b> type	_____
10.30	Rear	60/40 Split fold-down	_____
10.31	Material	Cloth or cloth with vinyl trim	_____

**Standard Equipment**

10.32	12-Volt Power Point	<b>Required:</b>	_____
10.33	Air Bags	<b>Required:</b> quantity and locations	_____
10.34	Cruise Control	<b>Required:</b>	_____
10.35	Floor Mats - Rubber	<b>Required:</b> front and rear	_____
10.36	Ignition Keys:	<b>Required:</b> Three (3) required per vehicle	_____
10.37	Keyless Entry	<b>Required:</b> Two (2) fobs	_____
10.38	Mud Flaps	<b>Required:</b>	_____
10.39	Power Door Locks	<b>Required:</b>	_____
10.40	Power Windows	<b>Required:</b>	_____
10.41	Rear View Back-Up Camera	<b>Required:</b>	_____
10.42	Tilt Steering	<b>Required:</b>	_____
10.43	Windshield Wipers	Intermittent	_____

10.44	Wiper Blades	Winter blades with heavy duty rubber boot	_____
	<b>Steering</b>		
10.45	Power Steering	<b>Required:</b>	_____
	<b>Tires</b>		
10.46	Tires	All Season	_____
10.47	Wheels	Standard manufacturer's wheels, without locking nuts	_____
10.48	Spare	Compact size with rim	_____
	<b>Transmission</b>		
10.49	Automatic	<b>Required:</b>	_____
	<b>Wheelbase</b>		
10.50	Wheelbase	Approximately 2600 mm (102 in.) <b>State</b>	_____
11.0	<b><u>WARRANTY:</u></b>		
11.1	All warranty information shall be detailed and <b><u>include all exclusions.</u></b> The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information.		_____
11.2	The warranty for the <b><u>Battery Electric Vehicle</u></b> shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and 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.		
	Please provide complete warranty details with the bid submission.		
11.3	Basic Vehicle (Comprehensive)	Three (3) years or 60,000 km	_____
11.4	Corrosion	Three (3) years or 60,000 km	_____
11.5	Corrosion (Rust-Through)	Six (6) years or 160,000 km	_____
11.6	Hybrid/Electric Components	Eight (8) years or 160,000 km	_____
11.7	Drivetrain Coverage:	Five (5) years or 160,000 km	_____
11.8	Roadside Assistance	Five (5) years/160,000 km Courtesy transportation included	_____

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.V.I.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB. \_\_\_\_\_

12.2 **Delivery Time:** \_\_\_\_\_  
Approximately 8 – 10 calendar weeks from date of award

Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days.

**State:** earliest delivery time: \_\_\_\_\_

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 **Operator's Manual:** One (1) per unit shall be supplied with the units when delivered: \_\_\_\_\_

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** \_\_\_\_\_

15.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT:**

15.1 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. \_\_\_\_\_

15.2 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. \_\_\_\_\_