

## FORM N(R1): DETAILED SPECIFICATIONS 23027

### ELECTRIC FOOD AND BEVERAGE GOLF CART

1. **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**
  - 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
  - 1.2 **Bidder shall state “yes” for compliance or state “deviation”**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specifications is used, the City will also consider deviations and/or equivalents.
  - 1.3 Lengthy explanations of deviations may be included in a separate document and must reference the appropriate Detailed Specification.
  - 1.4 Each Proponent is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.
  - 1.5 It will be the responsibility of the Proponent to inform the City of any errors or omissions in these Detailed Specifications, for under this Contract, the Contractor shall be held responsible to ensure that the manufacturer will be responsible for the design, performance, reliability and satisfactory operational function of the unit.
2. **DESCRIPTION OF EQUIPMENT**
  - 2.1 These specifications describe **Electric Food and Beverage Golf Cart** and other equipment and features as specified herein.
  - 2.2 The **Electric Food and Beverage Golf Cart** shall be a Model Year **2023** or newer.
  - 2.3 The **Electric Food and Beverage Golf Cart** 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.
  - 2.4 The ratings specified herein merely state the minimum values acceptable to the City, not implying that those values are sufficient for the design of the particular equipment being bid.
3. **OTHER SPECIFICATIONS AND STANDARDS**
  - 3.1 All applicable SAE Standards form an integral part of the vehicle specifications and shall have precedence in any conflict concerning minimum acceptable standards.
  - 3.2 Where applicable, the **Electric Food and Beverage Golf Cart** 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:  
[https://www.gov.mb.ca/labour/safety/pdf/1\\_2016\\_wsh\\_ar\\_oc.pdf](https://www.gov.mb.ca/labour/safety/pdf/1_2016_wsh_ar_oc.pdf)
    - Canadian Motor Vehicle Safety Standards C.M.V.S.S.  
[Motor Vehicle Safety Regulations \(justice.gc.ca\)](http://www.justice.gc.ca/eng/acts-regulations/acts-road.htm)
    - 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/regis/index.php?act=h60>
    - Canadian Standards Association, CSA:  
<http://www.csagroup.org/>

Under Writers of Canada, U/L:  
[Underwriters Laboratories of Canada \(ULC\)](#)  
Society of Automotive Engineers, SAE:  
<http://www.sae.org/>  
City of Winnipeg Lighting Visibility Standard:  
<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>  
Manitoba Building Code:  
[https://web2.gov.mb.ca/laws/regs/current/\\_pdf-regs.php?reg=31/2011](https://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=31/2011)

**4. FUEL**

4.1 Where applicable, the equipment shall be fully fuelled upon delivery (no exceptions).

**5. REFERENCES**

5.1 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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**6. MAKE & MODEL**

6.1 State year, make and model being bid:

Model Year: \_\_\_\_\_

Make: \_\_\_\_\_

Model: \_\_\_\_\_

**7. PERFORMANCE RELIABILITY**

7.1 The responsibility for the design of the **Electric Food and Beverage Golf Cart**, 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, 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.

7.3 Where the **Electric Food and Beverage Golf Cart** 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. SERVICE FACILITY**

8.1 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

**9. QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

- 9.1 The manufacturer of the **Electric Food and Beverage Golf Cart** shall have five (5) years continuous experience manufacturing **Electric Food and Beverage Golf Cart**.
- 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 **Electric Food and Beverage Golf Cart** of the type being offered.

**10. SPECIFICATIONS**

**General**

10.0 Description Electric golf cart complete with a food and beverage conversion kit \_\_\_\_\_

**Vehicle**

**Make and Model**

10.1 Vehicle Make **State:** make: \_\_\_\_\_

10.2 Vehicle Model **State:** model: \_\_\_\_\_

10.3 Vehicle Model Year **State:** model year: \_\_\_\_\_

**Power**

10.4 System 48-Volt AC \_\_\_\_\_

10.5 Batteries Lithium-Ion Battery System  
**State:** Ah/ kWh: \_\_\_\_\_

**Charger**

10.6 On-Board Battery Charger Approximately 900W  
**State:** \_\_\_\_\_  
Make: \_\_\_\_\_  
Model: \_\_\_\_\_

10.7 Battery Discharge Indicator Required \_\_\_\_\_

10.8 Vehicle Ignition Interlock Prevents the vehicle from being driven while connected to the charger \_\_\_\_\_

10.9 Automatic Shutoff Battery charger automatically shuts off after reaching the full charge \_\_\_\_\_

10.10 Power Cord Length approximately 8 ft.  
**State:** length of cord: \_\_\_\_\_

**Brakes**

10.11 Brakes Front and rear \_\_\_\_\_

10.12 Parking Brake Required \_\_\_\_\_

**Tires**

10.13 Tires 6-Ply \_\_\_\_\_

**Miscellaneous**

10.14	Windshield	Glass or polycarbonate	_____
10.15	12V Outlet	12V outlet	_____
10.16	Seating	<ul style="list-style-type: none"> <li>• 2-person</li> <li>• Bench or bucket</li> <li>• Seatbelts</li> </ul>	_____
10.17	Lights	<ul style="list-style-type: none"> <li>• Brake</li> <li>• Tail</li> <li>• Signal</li> </ul>	_____

**Safety**

10.18	<b>ROPS</b>	<b>Required</b>	_____
10.19	Battery Disconnect Switch	Lockable with padlock	_____
10.20	Fire Extinguisher	<ul style="list-style-type: none"> <li>• 2.5 lbs.</li> <li>• High volume ABC type</li> <li>• Securely mounted with quick release</li> </ul>	_____
10.21	Horn	<ul style="list-style-type: none"> <li>• Readily accessible driver-operated</li> <li>• Clearly labelled</li> <li>• Permanent type engraved style label</li> </ul>	_____
10.22	Back Up Alarm	Required	_____
10.23	Slow Moving Vehicle Sign	Mounted	_____

**Food and Beverage Kit**

10.24	Style	Six (6) door long roof	_____
10.25	Dry Goods Compartment	<ul style="list-style-type: none"> <li>• Three (3) compartments</li> <li>• Double sided access</li> <li>• Weather sealed</li> </ul>	_____
10.26	Dry Goods Shelves	<ul style="list-style-type: none"> <li>• Six (6) shelves</li> <li>• Access on both sides of the vehicle</li> </ul>	_____
10.27	Cold Storage	<ul style="list-style-type: none"> <li>• Insulated</li> <li>• Six (6) divisions</li> <li>• Drains</li> </ul>	_____
10.28	Garbage	Built-in	_____
10.29	Billboard	<ul style="list-style-type: none"> <li>• One (1)</li> <li>• Changeable</li> </ul>	_____
10.30	Cup Dispensers	Two (2)	_____
10.31	Confectionary Drawer	<ul style="list-style-type: none"> <li>• One (1)</li> <li>• Cash till insert</li> </ul>	_____

**Roof**

- |       |      |  |       |
|-------|------|--|-------|
| 10.32 | Roof | <ul style="list-style-type: none"><li>• Full length of vehicle and conversion kit</li><li>• Fabric</li></ul> | _____ |
|-------|------|--|-------|

**Bumper**

- |       |             |             |       |
|-------|-------------|-------------|-------|
| 10.33 | Rear Bumper | Rear bumper | _____ |
|-------|-------------|-------------|-------|

11.0 **WARRANTY:**

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

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

Bidder shall state all warranty information.

11.2 The warranty for the **Electric Food and Beverage Golf Cart** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials. \_\_\_\_\_

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

11.3 Basic Vehicle (Comprehensive) **State:** Terms: \_\_\_\_\_

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:** \_\_\_\_\_

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

**State:** earliest delivery time from date of award: \_\_\_\_\_

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:** \_\_\_\_\_

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

**Operator** – Two (2) Copies

- One (1) copy shall be sent to the Equipment Operator Training Branch
- One (1) copy to be left with the equipment

**Parts and Service**

- One (1) complete set including preventative maintenance schedules

**Note:** CD or USB flash drive is preferred where available

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 If applicable, 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, transmission, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing and first transmission service. \_\_\_\_\_

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. \_\_\_\_\_