

FORM N: DETAILED SPECIFICATIONS 22011

HYBRID PASSENGER VEHICLE

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 **Hybrid Passenger Vehicle** and other equipment and features as specified herein.
- 2.2 The **Hybrid Passenger Vehicle** shall be a new **2023** model year or newer.
- 2.3 The **Hybrid Passenger 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.
- 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 **Hybrid Passenger 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:

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/motor-vehicle-safety-regulations)

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:
[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

4. FUEL

4.1 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.

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 **Hybrid Passenger 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 **Hybrid Passenger 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. 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 **Hybrid Passenger Vehicle** shall have five (5) years continuous experience manufacturing **Hybrid Passenger Vehicles**.
- 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 **Hybrid Passenger Vehicles** of the type being offered.

10. SPECIFICATIONS

10.1 Vehicle Make **State:** make: _____

10.2 Vehicle Model **State:** model: _____

10.3 Vehicle Model Year **State:** model year: _____

Air Conditioning / Heating

10.4 Air Conditioning / Heater Variable speed with temperature control _____

10.5 Rear Window Defroster Electric _____

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
- Sedan or Hatchback
- 5-passenger seating

Brakes

10.8 Type 4-Wheel Disc Brakes with Anti-Lock Brake System (ABS)
State: type: _____

Colour

10.9 Interior Dark Grey or charcoal or equivalent _____

10.10 Exterior White _____

Drivetrain

10.11 Type Front Wheel Drive
State: type: _____

Engine

10.12 Engine 4-Cylinder Hybrid System
State: type: _____

10.13 Hybrid Battery System

- Lithium-ion battery
- Approximately 1.56 kWh

State:
battery type: _____
kWh: _____

Fuel

10.14 Fuel Tank Fully fuelled upon delivery _____

Fuel Economy

10.15 City Published fuel consumption from the Fuel Consumption Guide (Natural Resources Canada)
State: City L/100 km: _____

Mirrors

10.16 Mirrors

- Interior rearview _____
- Dual power exterior _____

Radio

10.17 Radio AM/FM with speakers _____

Seating

10.18 Front Two (2) bucket seats or bench seat
State: type: _____

10.19 Rear 60/40 split fold-down _____

10.20 Material Cloth or cloth with vinyl trim _____

Standard Equipment

10.21 12-Volt Power Outlet Qty one (1)
State: quantity available: _____

10.22 Aux/USB Connectivity **State:** Type: _____

10.23 Block Heater/Pan Heater with Cord **Required:**
State: yes or no to the following:
With cord through grille: _____
Two-way removable cord: _____

10.24 Coolant Extended Life Coolant, -35°C _____

10.25 Cruise Control Cruise control _____

10.26 Floor Covering Carpet _____

10.27 Floor Mats

- All-weather _____
- Front and rear _____
- Cargo area _____

10.28 Ignition Keys and Key Fobs If Keyed Ignition:
Three (3) Keys and complete with Key Fobs required per vehicle _____

OR

If Push-to-Start Ignition:
Three (3) Fobs with removable emergency key to access vehicle in case of a dead battery required per vehicle _____

10.29	Mud Flaps	Front and rear splash guards / mud flaps	_____
10.30	Power Window and Door Locks	Front and rear	_____
10.31	Rear View Back-Up Camera	Factory back-up camera system	_____
10.32	Tilt Steering	Tilt steering	_____
10.33	Windshield Wipers	Variable, intermittent	_____
10.34	Wiper Blades	"Reflex" wiper blades	_____
	Steering		
10.35	Power Steering	Power steering	_____
	Tires / Wheels		
10.36	Tires	All-Season	_____
10.37	Wheels	Standard manufacturer's wheels, without locking nuts	_____
10.38	Spare	State: yes or no to the following	_____
		Compact size with rim: _____	
		Full size with rim: _____	
		Tire Inflator Kit: _____	
	Transmission		
10.39	Automatic	Required:	_____
	Wheelbase		
10.40	Wheelbase	Approximately 106 in. (2700 mm) State: wheelbase: _____	_____

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 **Hybrid Passenger Vehicle** 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: _____

11.4 Corrosion Perforation **State:** Terms: _____

11.5 Emission Control Components **State:** Terms: _____

11.6 Hybrid-Related Components **State:** Terms: _____

11.7 Powertrain Coverage: **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:** _____

Operator – One (1) copy shall be supplied when vehicle is 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 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. _____