

## FORM N: DETAILED SPECIFICATIONS 21027

### COMPACT HYBRID HATCHBACK

#### 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 **Compact Hybrid Hatchback** and other equipment and features as specified herein.
- 2.2 The **Compact Hybrid Hatchback** shall be a new **2021** model year or newer.
- 2.3 The **Compact Hybrid Hatchback** 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 **Compact Hybrid Hatchback** 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.

[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>

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 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 **Compact Hybrid Hatchback** 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 **Compact Hybrid Hatchback** 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 **Compact Hybrid Hatchback** shall have five (5) years continuous experience manufacturing **Compact Hybrid Hatchback**.
- 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 **Compact Hybrid Hatchback** of the type being offered.

## 10. SPECIFICATIONS

### 10.1 Requirement:

The City of Winnipeg requires a **Compact Hybrid Hatchback** that consists of the following specifications:

**Note:**

- PHEV or BEV not accepted
  
- Hybrid Technology
- Fold down rear seats
- Cargo security – d-rings or similar complete with straps
- Cargo Space behind rear seats approximately 750 L (26.5 cu. ft.)
- Cargo space to hold mail tubs as shown in the below pictures
- Canada Post mail tubs sizes 20 in. x 12 in. x 8 in.
  - Requires height within the cargo space to stack a minimum of 3 of these tubs high
- City of Winnipeg mail tubs sizes 22 in. x 16 in. x 10 in.
  - Requires height within the cargo space to stack a minimum of 3 of these tubs high
- Long plastic tubes which contain architectural drawings and maps



**Purpose of the Compact Hybrid Hatchback:**

- The Department will be using this vehicle for the collection and distribution of Interdepartmental Mail throughout the city on a daily basis
- The hatch area must accommodate easy loading and unloading of mail tubs and a fold-down hand cart

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

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

**Air Conditioning / Heating**

10.4 Air Conditioning / Heater Variable speed with temperature control \_\_\_\_\_

10.5 Rear Window Defroster Electric \_\_\_\_\_

**Batteries**

10.6 Engine Battery **State:** CCA: \_\_\_\_\_

**Bluetooth / Cell Phone Compatibility**

10.7 Bluetooth® Technology   

- For use with cellular phones
- "Hands-Free" capable
- Voice command activated through vehicle's radio circuit

\_\_\_\_\_

**Body Style**

10.8 Design & Seating   

- 4-Door
- 5-passenger seating

\_\_\_\_\_

10.9 Hatchback Functionality **Note:** Hatchback design required due to operational requirements

**Brakes**

10.10 Type 4-Wheel Disc Brakes with Anti-Lock Brake System (ABS) \_\_\_\_\_  
**State:** type: \_\_\_\_\_

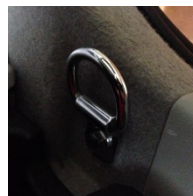
**Cargo Space**

10.11 Cargo Space Approximately 750 L (26.5 cu. ft.) behind rear seats \_\_\_\_\_  
**State:** dimensions and volume

10.12 Cargo Security   

- D-rings or similar
- Four (4) locations
- Cargo straps
- Installed

\_\_\_\_\_



**Colour**

10.13 Interior Dark Grey or charcoal or equivalent \_\_\_\_\_

10.14 Exterior White \_\_\_\_\_

**Drivetrain**

10.15 Type Front Wheel Drive \_\_\_\_\_  
**State:** type: \_\_\_\_\_

**Engine**

10.16 Engine 4-Cylinder Hybrid System \_\_\_\_\_  
**State:** type: \_\_\_\_\_

10.17 Electric Motor(s)  

- Hybrid electric motor(s)
- Approximately 32 kW

**State:**  
motor type: \_\_\_\_\_  
kW: \_\_\_\_\_

10.18 Hybrid Battery System  

- Lithium-ion battery
- Approximately 1.56 kWh

**State:**  
battery type: \_\_\_\_\_  
kWh: \_\_\_\_\_

**Fuel**

10.19 Fuel Tank Fully fuelled upon delivery \_\_\_\_\_

**Fuel Economy**

10.20 City **State:** City L/100 km: \_\_\_\_\_

**Mirrors**

10.21 Mirrors  

- Interior rearview
- Dual power exterior

\_\_\_\_\_

**Radio**

10.22 Radio AM/FM with USB port(s) \_\_\_\_\_

**Seating**

10.23 Front Two (2) bucket seats or bench seat \_\_\_\_\_  
**State:** type: \_\_\_\_\_

10.24 Rear 60/40 split fold-down \_\_\_\_\_

10.25 Material Cloth or cloth with vinyl trim \_\_\_\_\_

**Standard Equipment**

10.26 12-Volt Power Point **Required:** \_\_\_\_\_

10.27 Air Bags: **Required:** Front driver and passenger w/curtains \_\_\_\_\_

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

10.29	Coolant	Extended Life Coolant, -35°C	_____
10.30	Cruise Control	<b>Required:</b>	_____
10.31	Floor Covering	Carpet	_____
10.32	Floor Mats - Rubber	<b>Required:</b> front and rear	_____
10.33	Ignition Keys and Key Fobs	If Keyed Ignition: Three (3) Keys and complete with Key Fobs required per vehicle	_____
		<b><u>OR</u></b>	
		If Push-to-Start Ignition: Three (3) Fobs with removable emergency key to access vehicle in case of a dead battery required per vehicle	_____
10.34	Lift Gate Button	Located at rear (outside) of vehicle to allow access to the cargo area	_____
10.35	Mud Flaps	<b>Required:</b>	_____
10.36	Power Door Locks	<b>Required:</b>	_____
10.37	Power Windows	<b>Required:</b>	_____
10.38	Rear View Back-Up Camera	<b>Required:</b>	_____
10.39	Tilt Steering	<b>Required:</b>	_____
10.40	Windshield Wipers	Variable Intermittent Wipers	_____
10.41	Wiper Blades	"Reflex" wiper blades	_____
	<b>Steering</b>		
10.42	Power Steering	<b>Required:</b>	_____
	<b>Tires / Wheels</b>		
10.43	Tires	All-Season	_____
10.44	Wheels	Standard manufacturer's wheels, without locking nuts	_____
10.45	Spare	<b>State:</b> yes or no to the following	_____
		Compact size with rim: _____	
		Full size with rim: _____	
		Tire Inflator Kit: _____	
	<b>Transmission</b>		
10.46	Automatic	<b>Required:</b>	_____

**Wheelbase**

10.47 Wheelbase Approximately 106 in. (2700 mm) \_\_\_\_\_  
**State:** wheelbase: \_\_\_\_\_

**State Optional Pricing for:**

**Note:** Will not be evaluated, for information purposes only

10.48 All-Weather Tires Supply and Install in place of standard equipment all-season tires: \_\_\_\_\_

- All-Weather tires with the three-peak mountain snowflake (3PMSF) symbol
- Designed for year-round use in environments that experience all four seasons
- Meets specific snow traction performance requirements set by the Rubber Association of Canada.



**State:** Optional Pricing: \$ \_\_\_\_\_

10.49 Studded Winter Tires

- Supply complete with rims
- Studded winter tires with the three-peak mountain snowflake (3PMSF) symbol
- Designed for improved traction and control on ice and frozen roads
- Meets specific snow traction performance requirements set by the Rubber Association of Canada





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 **Compact Hybrid Hatchback** 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: \_\_\_\_\_

11.8 Roadside Assistance **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. \_\_\_\_\_