

## FORM N: DETAILED SPECIFICATIONS 25007

### **MEDIUM ROOF CARGO VAN 9000 LBS. GVWR**

#### **1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
- 1.2 **Proponents 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 a **Medium Roof Cargo Van** and other equipment and features as specified herein.
- 2.2 The **Medium Roof Cargo Van** shall be a new 2024 model year or newer.
- 2.3 The **Medium Roof Cargo Van** 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 **Medium Roof Cargo Van** shall be the manufacturer's latest model, as may be modified by these specifications. The **Medium Roof Cargo Van**, including all auxiliary equipment, shall be furnished complete and ready for use. All parts not specifically mentioned but which are required for the complete unit shall conform in strength, quality of material and workmanship, to the best standards and engineering practice in the industry.
- 2.5 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 **Medium Roof Cargo Van** shall comply with the applicable regulations:

##### **Standard - Specification/Regulation**

##### **Internet URL**

Transport Canada, National Safety Mark, NSM:	<a href="http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm">http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm</a>
Manitoba Safety and Health Regulation, Parts 12, 16, 22:	<a href="http://web2.gov.mb.ca/laws/reg/current/217.06.pdf">http://web2.gov.mb.ca/laws/reg/current/217.06.pdf</a>
Canadian Motor Vehicle Safety Standards C.M.V.S.S.:	<a href="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</a>

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)

3.3 Where applicable, the completed unit shall include a Manitoba Government Inspection with Safety Sticker.

3.4 Where applicable, the manufacturer/installer shall affix their National Safety Mark (NSM) certification sticker on each unit.

#### 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 **Medium Roof Cargo Van** 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 **Medium Roof Cargo Van** 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 or City representative.

**9. QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

- 9.1 The manufacturer of the Medium Roof Cargo Van shall have five (5) years continuous experience manufacturing Medium Roof Cargo Van.
- 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 Medium Roof Cargo Van of the type being offered.

**10. SPECIFICATIONS**

**Medium Roof Cargo Van**

- |      |                         |  |       |
|------|-------------------------|--|-------|
| 10.1 | Vehicle Make            | <b>State:</b> make: _____                                      | _____ |
| 10.2 | Vehicle Model           | <b>State:</b> model: _____                                     | _____ |
| 10.3 | Vehicle Model Year      | <b>State:</b> model year: _____                                | _____ |
|      | <b>Configuration</b>    |  |       |
| 10.4 | GVWR                    | Approximately 9000 lbs.<br><b>State:</b> GVWR: _____           | _____ |
| 10.5 | Wheelbase (Regular)     | Approximately 129.9 in.<br><b>State:</b> wheelbase: _____      | _____ |
| 10.6 | Vehicle Length          | Approximately 217.8 in.<br><b>State:</b> vehicle length: _____ | _____ |
| 10.7 | Cargo Height (Interior) | Approximately 72.0 in.<br><b>State:</b> cargo height: _____    | _____ |
| 10.8 | Cargo Length at Floor   | Approximately 126.0 in.<br><b>State:</b> cargo length: _____   | _____ |

### Powertrain

10.9	Engine	<ul style="list-style-type: none"> <li>3.5L PFDi V6 engine</li> <li>Horsepower: 275 hp @ 6,250 RPM</li> <li>Torque: 260 lb-ft @ 4,000 RPM</li> </ul>	_____
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10.10	Transmission	<ul style="list-style-type: none"> <li>10-speed automatic</li> <li>Auxiliary transmission oil cooler</li> </ul>	_____
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10.11	Coolant	Extended Life Coolant, -37°C (-35°F)	_____
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### Drive

10.12	Drive	Single Rear Wheel (SRW)	_____
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10.13	Rear Wheel Drive (RWD)	Rear Wheel Drive (RWD)	_____
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### Axle

10.14	Front Axle	Heavy-duty front axle	_____
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10.15	Rear Axle Differential	<ul style="list-style-type: none"> <li>4.10 axle ratio</li> <li>Limited slip</li> </ul> <b>State:</b> axle ratio: _____	_____
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### Exterior

10.16	Bumper - Front	<ul style="list-style-type: none"> <li>Black</li> <li>Body coloured with lower valence</li> </ul>	_____
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10.17	Bumper - Rear	<ul style="list-style-type: none"> <li>Black</li> <li>Molded-In-color with Integral Step</li> </ul>	_____
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10.18	Doors – Side	<ul style="list-style-type: none"> <li>Sliding Passenger side door cargo door</li> <li>No glass</li> </ul>	_____
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10.19	Doors – Rear	<ul style="list-style-type: none"> <li>50/50 hinged rear doors</li> <li>Approximately 250-degree opening</li> <li>No glass</li> </ul>	_____
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10.20	Mirrors - Exterior	<ul style="list-style-type: none"> <li>Long Arm</li> <li>Power adjusting</li> <li>Manual folding</li> <li>Heated</li> <li>Turn signals</li> <li>Blind spot assist</li> </ul>	_____
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10.21	Running Boards	<ul style="list-style-type: none"> <li>Driver and passenger</li> <li>Extended length</li> </ul>	_____
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10.22	Tires & Wheels	<ul style="list-style-type: none"> <li>Wheels with All-terrain Winter Rated Tires or All-weather Winter Rated Tires</li> <li>Bearing the mountain snow flake symbol</li> <li>Meets specific snow traction performance requirements set by the Rubber Association of Canada</li> <li>Heavy duty 16-inch steel road wheels</li> </ul> <b>State:</b> tire size: _____	_____
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10.23	Tires & Wheels - Spare	Full-size spare wheel & tire with carrier	_____
10.24	Wheel Well Liners	<ul style="list-style-type: none"> <li>• Black</li> <li>• Front only</li> </ul>	_____
10.25	Windows / Glass	<ul style="list-style-type: none"> <li>• Standard: <ul style="list-style-type: none"> <li>• Side door glass - No</li> <li>• Rear door glass - No</li> </ul> </li> <li>• All windows to be tinted</li> </ul>	_____
10.26	Exterior Lighting	<ul style="list-style-type: none"> <li>• High intensity discharge (HID) head lamps</li> <li>• Front fog lights</li> </ul>	_____
<b>Interior</b>			
10.27	Centre Console	<ul style="list-style-type: none"> <li>• Large centre console with integrated shifter</li> <li>• Dual cup holders</li> <li>• Additional storage area</li> </ul>	_____
10.28	Doors – Locks and Windows	<ul style="list-style-type: none"> <li>• Glove box – locking</li> <li>• Rear cargo door – interior exit handle</li> <li>• Rear cargo door – exterior locking cylinder</li> <li>• Power locks and windows</li> </ul>	_____
10.29	Floor Covering	<ul style="list-style-type: none"> <li>• Vinyl</li> <li>• Floor Mats - Rubber</li> </ul>	_____
10.30	Rear View Mirror	Interior rear view	_____
10.31	Interior Lighting	<ul style="list-style-type: none"> <li>• Front, side and rear dome</li> <li>• Maps</li> </ul>	_____
10.32	Cargo Lighting	<ul style="list-style-type: none"> <li>• Full rear compartment lighting</li> <li>• Includes cargo area LED lights at: <ul style="list-style-type: none"> <li>• C-Pillar</li> <li>• D-Pillar</li> </ul> </li> <li>• Rear compartment LED lamp switch</li> </ul>	_____
10.33	Door Storage	Front door side pockets	_____
10.34	Rear View Camera	Rear view camera	_____
10.35	Seating	<ul style="list-style-type: none"> <li>• Bucket Seats</li> <li>• Cloth</li> <li>• Driver and passenger</li> <li>• Manual Reclining</li> <li>• Adjustable Headrest</li> <li>• Driver-side and passenger-side inboard armrest</li> </ul>	_____

## Functional

10.36	Alternator	Dual alternators – heavy duty Approximately 250 amps each <b>State:</b> amperage: _____	_____
10.37	Engine Block Heater	Block heater/pan heater  <b>State:</b> yes or no to the following:  With cord through grille: _____  Two-way removable cord: _____	_____
10.38	Air Conditioning / Heating	<ul style="list-style-type: none"> <li>• Front / Rear auxiliary Air Conditioning and Heater</li> <li>• Driver controlled</li> <li>• Heat distribution from rear of front passenger seat</li> <li>• Air conditioning distributed from rear of van</li> <li>• Rear heating shall be factory installed and insulated</li> </ul>	_____
10.39	Audio	<ul style="list-style-type: none"> <li>• SYNC Technology</li> <li>• AM-FM stereo</li> <li>• Bluetooth® technology, for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit</li> <li>• Dual USB ports</li> </ul>	_____
10.40	Batteries	<ul style="list-style-type: none"> <li>• Dual AGM batteries</li> <li>• Heavy duty</li> <li>• Approximately 70 amp-hr each</li> </ul> <b>State:</b> CCA: _____	_____
10.41	Instrumentation	Vehicle maintenance monitor including engine hour meter	_____
10.42	Brakes	<ul style="list-style-type: none"> <li>• 4-wheel anti-lock disc brakes</li> <li>• Parking brake</li> </ul>	_____
10.43	Telematics	Compatible with Geotab	_____
10.44	Interior Power	<ul style="list-style-type: none"> <li>• 12V PowerPoint</li> <li>• Qty two (2)</li> </ul>	_____
10.45	Power Outlet	<ul style="list-style-type: none"> <li>• 110V/400W</li> </ul> <p>Note: High-power outlets deliver up to 400 watts of power, allowing drivers to easily charge smaller corded tools, battery chargers or mobile devices on-site</p>	_____
10.46	Steering	<ul style="list-style-type: none"> <li>• Power</li> <li>• Tilt</li> <li>• Telescoping</li> </ul>	_____

10.47	Ignition Keys and Key Fobs	Three (3) Remote keyless entry – three (3) key fobs and one (1) ignition key <b>or</b> if the keys and key fobs are one unit, supply 3 key fobs.	_____
10.48	Keyless Entry Pad	Keyless entry pad	_____
10.49	Blind Spot Assist	Provides a visual warning and resistive steering torque to prevent a Collision should an object be recognized in the vehicles blind spot while changing lanes	_____
10.50	Lane Keeping System	Alerts the driver if their vehicle is unintentionally leaving its intended lane	_____
10.51	Reverse Sensing System	Alerts the driver if there are obstacles behind the vehicle when reversing	_____
10.52	Windshield Wipers	<ul style="list-style-type: none"> <li>• Automatic rain-sensing windshield wiper</li> <li>• “Reflex” style wiper blades</li> </ul>	_____
<b>Automatic Engine Idle Shut-Down</b>			
10.53	Engine Idle Shut-Down	<ul style="list-style-type: none"> <li>• Automatic</li> <li>• 10-minute timer</li> </ul>	_____
<b>Safety/Security</b>			
10.54	Roll Stability Control	Improves vehicle control on all driving surfaces, including snow, ice, gravel, rain-covered roads, and dry pavement	_____
10.55	Cruise Control	Cruise Control with display centre	_____
10.56	Perimeter Anti-Theft Alarm	The <b>perimeter alarm</b> is a deterrent against unauthorized access to the vehicle	_____
10.57	Remote Start	Remote start system	_____
10.58	Airbags	Driver and passenger	_____
10.59	Back Up Alarm	<ul style="list-style-type: none"> <li>• Approximately 102 dB(A) warning capability</li> </ul>	_____
10.60	Heavy Duty Cargo Flooring	<ul style="list-style-type: none"> <li>• Made of a rigid composite plastic cover with an anti-slip surface for better footing and a non-porous surface to keep mold from forming inside the van</li> <li>• Include heavy duty scuff plate for both side and rear doors</li> </ul>	_____
<b>Upfitter Package</b>			
10.61	Upfitter Package	<ul style="list-style-type: none"> <li>• High capacity Upfitter switches</li> <li>• Auxiliary fuse panel</li> <li>• High spec interface connector</li> </ul>	_____
10.62	Upfitter Interface Module (UIM)	Upfitter interface module (UIM)	_____
10.63	Vehicle Wiring System	Modified vehicle connections for customized wiring harness provisions	_____

### Towing

- |       |        |  |       |
|-------|--------|--|-------|
| 10.64 | Towing | <ul style="list-style-type: none"> <li>• Heavy-duty trailer tow package</li> <li>• Trailer brake controller</li> </ul> | _____ |
|-------|--------|--|-------|

### Mud Flaps

- |       |           |  |       |
|-------|-----------|--|-------|
| 10.65 | Mud Flaps | <ul style="list-style-type: none"> <li>• Front and back</li> <li>• OEM</li> <li>• Moulded</li> </ul> | _____ |
|-------|-----------|--|-------|

### Colour

- |       |        |   |       |
|-------|--------|---|-------|
| 10.66 | Colour | <ul style="list-style-type: none"> <li>• Exterior - Bright white</li> <li>• Interior – Black or grey</li> </ul> | _____ |
|-------|--------|---|-------|

### Options:

**Note:** Options to be priced only as indicated on Form B: Prices

- |       |                                       |       |
|-------|---------------------------------------|-------|
| 10.67 | Option 1: Long Wheelbase, Medium Roof | _____ |
|-------|---------------------------------------|-------|

Wheelbase (Long) - Approximately 147.9 in.

**State:** wheelbase: \_\_\_\_\_

Vehicle Length - Approximately 235.5 in.

**State:** vehicle length: \_\_\_\_\_

Cargo Height (Interior) - Approximately 72.0 in.

**State:** cargo height: \_\_\_\_\_

Cargo Length at Floor - Approximately 143.7 in.

**State:** cargo length: \_\_\_\_\_

- |       |                             |   |       |
|-------|-----------------------------|---|-------|
| 10.68 | Option 2: 3.5L EcoBoost® V6 | <ul style="list-style-type: none"> <li>• 3.5L EcoBoost® V6</li> <li>• Horsepower: 310 hp @ 5,500 RPM.</li> <li>• Torque: 400 lb-ft @ 2,500 RPM</li> </ul> | _____ |
|-------|-----------------------------|---|-------|

- |       |                                 |                       |       |
|-------|---------------------------------|-----------------------|-------|
| 10.69 | Option 3: All Wheel Drive (AWD) | All Wheel Drive (AWD) | _____ |
|-------|---------------------------------|-----------------------|-------|

- |       |                                       |  |       |
|-------|---------------------------------------|--|-------|
| 10.70 | Option 4: Rear Heat Only (Cargo Area) | Rear heat without air conditioning in cargo area | _____ |
|-------|---------------------------------------|--|-------|

- |       |                                   |  |       |
|-------|-----------------------------------|--|-------|
| 10.71 | Option 5: Glass - Rear Cargo Door | <ul style="list-style-type: none"> <li>• Side door glass - No</li> <li>• Rear door glass – Yes</li> <li>• Window defroster</li> <li>• All windows to be tinted</li> <li>•</li> </ul> | _____ |
|-------|-----------------------------------|--|-------|

- |       |   |  |       |
|-------|---|--|-------|
| 10.72 | Option 6: Glass - Rear Cargo Door and Side Cargo Door | <ul style="list-style-type: none"> <li>• Side door glass - Yes</li> <li>• Rear door glass – Yes</li> <li>• Window defroster</li> <li>• All windows to be tinted</li> </ul> | _____ |
|-------|---|--|-------|



### **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 **Medium Roof Cargo Van** 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) | <b>State:</b> Terms: _____ | _____ |
| 11.4 | Corrosion Perforation         | <b>State:</b> Terms: _____ | _____ |
| 11.5 | Emission Control Components   | <b>State:</b> Terms: _____ | _____ |
| 11.6 | Powertrain Coverage           | <b>State:</b> Terms: _____ | _____ |

### **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

**MANUALS**

13.1 **Manuals:** \_\_\_\_\_  
The manuals shall cover the complete equipment including all components thereof, CD or USB is preferred where available.

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

**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. \_\_\_\_\_

## FORM N: DETAILED SPECIFICATIONS 25008

### **HIGH ROOF CARGO VAN 9500 LBS. GVWR**

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- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
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- 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 **High Roof Cargo Van** shall comply with the applicable regulations:

##### **Standard - Specification/Regulation**

##### **Internet URL**

Transport Canada, National Safety Mark, NSM:	<a href="http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm">http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm</a>
Manitoba Safety and Health Regulation, Parts 12, 16, 22:	<a href="http://web2.gov.mb.ca/laws/regsg/current/217.06.pdf">http://web2.gov.mb.ca/laws/regsg/current/217.06.pdf</a>
Canadian Motor Vehicle Safety Standards C.M.V.S.S.:	<a href="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</a>

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)

3.3 Where applicable, the completed unit shall include a Manitoba Government Inspection with Safety Sticker.

3.4 Where applicable, the manufacturer/installer shall affix their National Safety Mark (NSM) certification sticker on each unit.

#### 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 **High Roof Cargo Van** 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 **High Roof Cargo Van** 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 or City representative.

**9. QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

- 9.1 The manufacturer of the High Roof Cargo Van shall have five (5) years continuous experience manufacturing High Roof Cargo Van.
- 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 High Roof Cargo Van of the type being offered.

**10. SPECIFICATIONS**

High Roof Cargo Van			
10.1	Vehicle Make	State: make: _____	_____
10.2	Vehicle Model	State: model: _____	_____
10.3	Vehicle Model Year	State: model year: _____	_____
<b>Configuration</b>			
10.4	GVWR	Approximately 9500 lbs. State: GVWR: _____	_____
10.5	Wheelbase	Approximately 147.6 in. State: wheelbase: _____	_____
10.6	Vehicle Length	Approximately 235.5 in. State: vehicle length: _____	_____
10.7	Cargo Height (Interior)	Approximately 81.5 in. State: cargo height: _____	_____
10.8	Cargo Length at Floor	Approximately 143.7 in. State: cargo length: _____	_____

### Powertrain

10.9	Engine	<ul style="list-style-type: none"> <li>• 3.5L PFDi V6 engine</li> <li>• Horsepower: 275 hp @ 6,250 RPM</li> <li>• Torque: 260 lb-ft @ 4,000 RPM</li> </ul>	_____
10.10	Transmission	<ul style="list-style-type: none"> <li>• 10-speed automatic</li> <li>• Auxiliary transmission oil cooler</li> </ul>	_____
10.11	Coolant	Extended Life Coolant, -37°C (-35°F)	_____

### Drive

10.12	Drive	Single Rear Wheel (SRW)	_____
10.13	Rear Wheel Drive (RWD)	Rear Wheel Drive (RWD)	_____

### Axle

10.14	Front Axle	Heavy-duty front axle	_____
10.15	Rear Axle Differential	<ul style="list-style-type: none"> <li>• 4.10 axle ratio</li> <li>• Limited slip</li> </ul> <b>State:</b> axle ratio: _____	_____

### Exterior

10.16	Bumper - Front	<ul style="list-style-type: none"> <li>• Black</li> <li>• Body coloured with lower valence</li> </ul>	_____
10.17	Bumper - Rear	<ul style="list-style-type: none"> <li>• Black</li> <li>• Molded-In-color with Integral Step</li> </ul>	_____
10.18	Doors – Side	<ul style="list-style-type: none"> <li>• Sliding Passenger side door cargo door</li> <li>• No glass</li> </ul>	_____
10.19	Doors – Rear	<ul style="list-style-type: none"> <li>• 50/50 hinged rear doors</li> <li>• Approximately 250-degree opening</li> <li>• No glass</li> </ul>	_____
10.20	Mirrors - Exterior	<ul style="list-style-type: none"> <li>• Long Arm</li> <li>• Power adjusting</li> <li>• Manual folding</li> <li>• Heated</li> <li>• Turn signals</li> <li>• Blind spot assist</li> </ul>	_____
10.21	Running Boards	<ul style="list-style-type: none"> <li>• Driver and passenger</li> <li>• Extended length</li> </ul>	_____
10.22	Tires & Wheels	<ul style="list-style-type: none"> <li>• Wheels with All-terrain Winter Rated Tires or All-weather Winter Rated Tires</li> <li>• Bearing the mountain snow flake symbol</li> <li>• Meets specific snow traction performance requirements set by the Rubber Association of Canada</li> <li>• Heavy duty 16-inch steel road wheels</li> </ul> <b>State:</b> tire size: _____	_____

10.23	Tires & Wheels - Spare	Full-size spare wheel & tire with carrier	_____
10.24	Wheel Well Liners	<ul style="list-style-type: none"> <li>• Black</li> <li>• Front only</li> </ul>	_____
10.25	Windows / Glass	<ul style="list-style-type: none"> <li>• Standard: <ul style="list-style-type: none"> <li>• Side door glass - No</li> <li>• Rear door glass - No</li> </ul> </li> <li>• All windows to be tinted</li> </ul>	_____
10.26	Exterior Lighting	<ul style="list-style-type: none"> <li>• High intensity discharge (HID) head lamps</li> <li>• Front fog lights</li> </ul>	_____
<b>Interior</b>			
10.27	Centre Console	<ul style="list-style-type: none"> <li>• Large centre console with integrated shifter</li> <li>• Dual cup holders</li> <li>• Additional storage area</li> </ul>	_____
10.28	Doors – Locks and Windows	<ul style="list-style-type: none"> <li>• Glove box – locking</li> <li>• Rear cargo door – interior exit handle</li> <li>• Rear cargo door – exterior locking cylinder</li> <li>• Power locks and windows</li> </ul>	_____
10.29	Floor Covering	<ul style="list-style-type: none"> <li>• Vinyl</li> <li>• Floor Mats - Rubber</li> </ul>	_____
10.30	Rear View Mirror	Interior rear view	_____
10.31	Interior Lighting	<ul style="list-style-type: none"> <li>• Front, side and rear dome</li> <li>• Maps</li> </ul>	_____
10.32	Cargo Lighting	<ul style="list-style-type: none"> <li>• Full rear compartment lighting</li> <li>• Includes cargo area LED lights at: <ul style="list-style-type: none"> <li>• C-Pillar</li> <li>• D-Pillar</li> </ul> </li> <li>• Rear compartment LED lamp switch</li> </ul>	_____
10.33	Door Storage	Front door side pockets	_____
10.34	Rear View Camera	Rear view camera	_____
10.35	Seating	<ul style="list-style-type: none"> <li>• Bucket Seats</li> <li>• Cloth</li> <li>• Driver and passenger</li> <li>• Manual Reclining</li> <li>• Adjustable Headrest</li> <li>• Driver-side and passenger-side inboard armrest</li> </ul>	_____

## Functional

10.36	Alternator	Dual alternators – heavy duty Approximately 250 amps each <b>State:</b> amperage: _____	_____
10.37	Engine Block Heater	Block heater/pan heater  <b>State:</b> yes or no to the following:  With cord through grille: _____  Two-way removable cord: _____	_____
10.38	Air Conditioning / Heating	<ul style="list-style-type: none"> <li>• Front / Rear auxiliary Air Conditioning and Heater</li> <li>• Driver controlled</li> <li>• Heat distribution from rear of front passenger seat</li> <li>• Air conditioning distributed from rear of van</li> <li>• Rear heating shall be factory installed and insulated</li> </ul>	_____
10.39	Audio	<ul style="list-style-type: none"> <li>• SYNC Technology</li> <li>• AM-FM stereo</li> <li>• Bluetooth® technology, for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit</li> <li>• Dual USB ports</li> </ul>	_____
10.40	Batteries	<ul style="list-style-type: none"> <li>• Dual AGM batteries</li> <li>• Heavy duty</li> <li>• Approximately 70 amp-hr each</li> </ul> <b>State:</b> CCA: _____	_____
10.41	Instrumentation	Vehicle maintenance monitor including engine hour meter	_____
10.42	Brakes	<ul style="list-style-type: none"> <li>• 4-wheel anti-lock disc brakes</li> <li>• Parking brake</li> </ul>	_____
10.43	Telematics	Compatible with Geotab	_____
10.44	Interior Power	<ul style="list-style-type: none"> <li>• 12V PowerPoint</li> <li>• Qty two (2)</li> </ul>	_____
10.45	Power Outlet	<ul style="list-style-type: none"> <li>• 110V/400W</li> </ul> <p>Note: High-power outlets deliver up to 400 watts of power, allowing drivers to easily charge smaller corded tools, battery chargers or mobile devices on-site</p>	_____
10.46	Steering	<ul style="list-style-type: none"> <li>• Power</li> <li>• Tilt</li> <li>• Telescoping</li> </ul>	_____



10.47	Ignition Keys and Key Fobs	Three (3) Remote keyless entry – three (3) key fobs and one (1) ignition key <b>or</b> if the keys and key fobs are one unit, supply 3 key fobs.	_____
10.48	Keyless Entry Pad	Keyless entry pad	_____
10.49	Blind Spot Assist	Provides a visual warning and resistive steering torque to prevent a Collision should an object be recognized in the vehicles blind spot while changing lanes	_____
10.50	Lane Keeping System	Alerts the driver if their vehicle is unintentionally leaving its intended lane	_____
10.51	Reverse Sensing System	Alerts the driver if there are obstacles behind the vehicle when reversing	_____
10.52	Windshield Wipers	<ul style="list-style-type: none"> <li>• Automatic rain-sensing windshield wiper</li> <li>• “Reflex” style wiper blades</li> </ul>	_____
<b>Automatic Engine Idle Shut-Down</b>			
10.53	Engine Idle Shut-Down	<ul style="list-style-type: none"> <li>• Automatic</li> <li>• 10-minute timer</li> </ul>	_____
<b>Safety/Security</b>			
10.54	Roll Stability Control	Improves vehicle control on all driving surfaces, including snow, ice, gravel, rain-covered roads, and dry pavement	_____
10.55	Cruise Control	Cruise Control with display centre	_____
10.56	Perimeter Anti-Theft Alarm	The <b>perimeter alarm</b> is a deterrent against unauthorized access to the vehicle	_____
10.57	Remote Start	Remote start system	_____
10.58	Airbags	Driver and passenger	_____
10.59	Back Up Alarm	<ul style="list-style-type: none"> <li>• Approximately 102 dB(A) warning capability</li> </ul>	_____
10.60	Heavy Duty Cargo Flooring	<ul style="list-style-type: none"> <li>• Made of a rigid composite plastic cover with an anti-slip surface for better footing and a non-porous surface to keep mold from forming inside the van</li> <li>• Include heavy duty scuff plate for both side and rear doors</li> </ul>	_____
<b>Upfitter Package</b>			
10.61	Upfitter Package	<ul style="list-style-type: none"> <li>• High capacity Upfitter switches</li> <li>• Auxiliary fuse panel</li> <li>• High spec interface connector</li> </ul>	_____
10.62	Upfitter Interface Module (UIM)	Upfitter interface module (UIM)	_____
10.63	Vehicle Wiring System	Modified vehicle connections for customized wiring harness provisions	_____

### Towing

- |       |        |  |       |
|-------|--------|--|-------|
| 10.64 | Towing | <ul style="list-style-type: none"> <li>• Heavy-duty trailer tow package</li> <li>• Trailer brake controller</li> </ul> | _____ |
|-------|--------|--|-------|

### Mud Flaps

- |       |           |  |       |
|-------|-----------|--|-------|
| 10.65 | Mud Flaps | <ul style="list-style-type: none"> <li>• Front and back</li> <li>• OEM</li> <li>• Moulded</li> </ul> | _____ |
|-------|-----------|--|-------|

### Colour

- |       |        |   |       |
|-------|--------|---|-------|
| 10.66 | Colour | <ul style="list-style-type: none"> <li>• Exterior - Bright white</li> <li>• Interior – Black or grey</li> </ul> | _____ |
|-------|--------|---|-------|

### Options:

**Note:** Options to be priced only as indicated on Form B: Prices

- |       |                                      |       |
|-------|--------------------------------------|-------|
| 10.67 | Option 1: Extended Length, High Roof | _____ |
|-------|--------------------------------------|-------|

Wheelbase - Approximately 147.6 in.

**State:** wheelbase: \_\_\_\_\_

Vehicle Length - Approximately 263.9 in.

**State:** vehicle length: \_\_\_\_\_

Cargo Height (Interior) - Approximately 81.5 in.

**State:** cargo height: \_\_\_\_\_

Cargo Length at Floor - Approximately 172.2 in.

**State:** cargo length: \_\_\_\_\_

- |       |                             |  |       |
|-------|-----------------------------|--|-------|
| 10.68 | Option 2: 3.5L EcoBoost® V6 | <ul style="list-style-type: none"> <li>• 3.5L EcoBoost® V6</li> <li>• Horsepower: 310 hp @ 5,500 RPM</li> <li>• Torque: 400 lb-ft @ 2,500 RPM</li> </ul> | _____ |
|-------|-----------------------------|--|-------|

- |       |                                 |                       |       |
|-------|---------------------------------|-----------------------|-------|
| 10.69 | Option 3: All Wheel Drive (AWD) | All Wheel Drive (AWD) | _____ |
|-------|---------------------------------|-----------------------|-------|

- |       |                                       |  |       |
|-------|---------------------------------------|--|-------|
| 10.70 | Option 4: Rear Heat Only (Cargo Area) | Rear heat without air conditioning in cargo area | _____ |
|-------|---------------------------------------|--|-------|

- |       |                                   |  |       |
|-------|-----------------------------------|--|-------|
| 10.71 | Option 5: Glass - Rear Cargo Door | <ul style="list-style-type: none"> <li>• Side door glass - No</li> <li>• Rear door glass – Yes</li> <li>• Window defroster</li> <li>• All windows to be tinted</li> <li>•</li> </ul> | _____ |
|-------|-----------------------------------|--|-------|

- |       |   |  |       |
|-------|---|--|-------|
| 10.72 | Option 6: Glass - Rear Cargo Door and Side Cargo Door | <ul style="list-style-type: none"> <li>• Side door glass - Yes</li> <li>• Rear door glass – Yes</li> <li>• Window defroster</li> <li>• All windows to be tinted</li> </ul> | _____ |
|-------|---|--|-------|

### **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 **High Roof Cargo Van** 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) | <b>State:</b> Terms: _____ | _____ |
| 11.4 | Corrosion Perforation         | <b>State:</b> Terms: _____ | _____ |
| 11.5 | Emission Control Components   | <b>State:</b> Terms: _____ | _____ |
| 11.6 | Powertrain Coverage           | <b>State:</b> Terms: _____ | _____ |

### **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

### **MANUALS**

- 13.1 **Manuals:** \_\_\_\_\_

The manuals shall cover the complete equipment including all components thereof, CD or USB is preferred where available.

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

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

**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. \_\_\_\_\_

## FORM N(R1): DETAILED SPECIFICATIONS 25009

### **HIGH ROOF PASSENGER VAN 9500 LBS. GVWR**

#### **1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
- 1.2 **Proponents 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 a **High Roof Passenger Van** and other equipment and features as specified herein.
- 2.2 The **High Roof Passenger Van** shall be a new 2024 model year or newer.
- 2.3 The **High Roof Passenger Van** 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 **High Roof Passenger Van** shall be the manufacturer's latest model, as may be modified by these specifications. The **High Roof Passenger Van**, including all auxiliary equipment, shall be furnished complete and ready for use. All parts not specifically mentioned but which are required for the complete unit shall conform in strength, quality of material and workmanship, to the best standards and engineering practice in the industry.
- 2.5 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 **High Roof Passenger Van** shall comply with the applicable regulations:

##### **Standard - Specification/Regulation**

##### **Internet URL**

Transport Canada, National Safety Mark, NSM:	<a href="http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm">http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm</a>
Manitoba Safety and Health Regulation, Parts 12, 16, 22:	<a href="http://web2.gov.mb.ca/laws/reg/current/217.06.pdf">http://web2.gov.mb.ca/laws/reg/current/217.06.pdf</a>
Canadian Motor Vehicle Safety Standards C.M.V.S.S.:	<a href="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</a>

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)

- 3.3 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.

#### 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: \_\_\_\_\_

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- 7.1 The responsibility for the design of the **High Roof Passenger Van** 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 **High Roof Passenger Van** 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 **High Roof Passenger Van** shall have five (5) years continuous experience manufacturing **High Roof Passenger Van**.
- 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 **High Roof Passenger Van** of the type being offered.

## 10. SPECIFICATIONS

- 10.0 Requirement: **High Roof Passenger Van** \_\_\_\_\_
- 10.1 Vehicle Make **State:** make: \_\_\_\_\_
- 10.2 Vehicle Model **State:** model: \_\_\_\_\_
- 10.3 Vehicle Model Year **State:** model year: \_\_\_\_\_
- 10.4 **Configuration**
- 10.5 GVWR Approximately 9500 lbs.  
**State:** GVWR: \_\_\_\_\_
- 10.6 Roof Height (Exterior) Overall height approximately 110 in.  
**State:** overall height: \_\_\_\_\_
- 10.7 Interior Height Approximately 81.5 in.  
**State:** interior height: \_\_\_\_\_
- 10.8 Vehicle Length Approximately 263 in.  
**State:** vehicle length: \_\_\_\_\_
- 10.9 Wheelbase Approximately 148 in.  
**State:** wheelbase: \_\_\_\_\_
- Powertrain**
- 10.10 Engine V6 – Gasoline  
Approximately:  
• 310 HP  
• 400 lbs.-ft. torque \_\_\_\_\_
- 10.11 Transmission • 10-speed automatic  
• Auxiliary transmission oil cooler \_\_\_\_\_
- 10.12 Coolant Extended Life Coolant, -37°C (-35°F) \_\_\_\_\_

**Fuel Tank**

- |       |           |   |       |
|-------|-----------|---|-------|
| 10.13 | Fuel Tank | <ul style="list-style-type: none"><li>• Extended range</li><li>• Approximately 117 L</li></ul> <b>State:</b> fuel capacity: _____ | _____ |
|-------|-----------|---|-------|

**Drive**

- |       |                        |                         |       |
|-------|------------------------|-------------------------|-------|
| 10.14 | Drive                  | Single Rear Wheel (SRW) | _____ |
| 10.15 | Rear Wheel Drive (RWD) | Rear Wheel Drive (RWD)  | _____ |

**Axle**

- |       |                        |  |       |
|-------|------------------------|--|-------|
| 10.16 | Front Axle             | Heavy-duty front axle  | _____ |
| 10.17 | Rear Axle Differential | <ul style="list-style-type: none"><li>• 3.73 axle ratio</li><li>• Limited slip</li></ul> | _____ |

**Exterior**

- |       |                        |   |       |
|-------|------------------------|---|-------|
| 10.18 | Bumper - Front         | <ul style="list-style-type: none"><li>• Black</li><li>• Body coloured with lower valence</li></ul>  | _____ |
| 10.19 | Bumper - Rear          | <ul style="list-style-type: none"><li>• Black</li><li>• Molded-In-color with Integral Step</li></ul>  | _____ |
| 10.20 | Doors – Side           | <ul style="list-style-type: none"><li>• Sliding Passenger side door</li></ul>   | _____ |
| 10.21 | Doors – Rear           | <ul style="list-style-type: none"><li>• 50/50 hinged rear doors</li><li>• Approximately 250-degree opening</li></ul>  | _____ |
| 10.22 | Mirrors - Exterior     | <ul style="list-style-type: none"><li>• Long Arm</li><li>• Power adjusting</li><li>• Manual folding</li><li>• Heated</li><li>• Turn signals</li><li>• Blind spot assist</li></ul>   | _____ |
| 10.23 | Running Boards         | <ul style="list-style-type: none"><li>• Driver and passenger</li><li>• Extended length</li></ul>  | _____ |
| 10.24 | Tires & Wheels         | <ul style="list-style-type: none"><li>• All season</li><li>• 235/65R 16C</li><li>• Heavy duty 16-inch steel road wheels with black hubcaps</li></ul> <b>State:</b> tire size: _____ | _____ |
| 10.25 | Tires & Wheels - Spare | <ul style="list-style-type: none"><li>• Full-size spare wheel</li><li>• Tire with carrier</li><li>• 4-ton jack</li></ul>  | _____ |
| 10.26 | Wheel Well Liners      | <ul style="list-style-type: none"><li>• Black</li><li>• Front only</li></ul>  | _____ |



10.27	Windows / Glass	<ul style="list-style-type: none"> <li>• Windows all-around, fixed: <ul style="list-style-type: none"> <li>• Side door glass - Yes</li> <li>• Rear door glass – Yes</li> <li>• Bodyside glass - Yes</li> </ul> </li> <li>• All windows to be tinted</li> <li>• Rear windows privacy glass</li> <li>• Rear window defroster</li> </ul>	_____
10.28	Exterior Lighting	<ul style="list-style-type: none"> <li>• High intensity discharge (HID) head lamps</li> <li>• Front fog lights</li> </ul>	_____
	<b>Interior</b>		
10.29	Centre Console	<ul style="list-style-type: none"> <li>• Large centre console with integrated shifter</li> <li>• Dual cup holders</li> <li>• Additional storage area</li> </ul>	_____
10.30	Doors – Locks and Windows	<ul style="list-style-type: none"> <li>• Glove box – locking</li> <li>• Rear cargo door – interior exit handle</li> <li>• Rear cargo door – exterior locking cylinder</li> <li>• Power locks and windows</li> </ul>	_____
10.31	Floor Covering	<ul style="list-style-type: none"> <li>• Vinyl</li> <li>• Floor Mats - Rubber</li> </ul>	_____
10.32	Rear View Mirror	Interior rear view	_____
10.33	Interior Lighting	<ul style="list-style-type: none"> <li>• Front, side and rear dome</li> <li>• Maps</li> <li>• Illuminated sun visor</li> </ul>	_____
10.34	Rear Lighting	<ul style="list-style-type: none"> <li>• Full rear compartment lighting</li> <li>• Includes cargo area LED lights at: <ul style="list-style-type: none"> <li>• C-Pillar</li> <li>• D-Pillar</li> </ul> </li> <li>• Rear compartment LED lamp switch</li> </ul>	_____
10.35	Door Storage	Front door side pockets	_____
10.36	Rear View Camera	Rear view camera	_____
10.37	Seating	<ul style="list-style-type: none"> <li>• Bucket Seats</li> <li>• Cloth</li> <li>• Driver and passenger</li> <li>• Manual Reclining</li> <li>• Adjustable Headrest</li> <li>• Driver-side and passenger-side inboard armrest</li> </ul>	_____
10.38	Rear Seating Configuration	15 Passenger seating	_____

## Functional

10.39	Alternator	Dual alternators – heavy duty Approximately 250 amps each <b>State:</b> amperage: _____	_____
10.40	Engine Block Heater	Block heater/pan heater  <b>State:</b> yes or no to the following:  With cord through grille: _____  Two-way removable cord: _____	_____
10.41	Air Conditioning / Heating	<ul style="list-style-type: none"> <li>• Front / Rear auxiliary Air Conditioning and Heater</li> <li>• Driver controlled</li> <li>• Heat distribution from rear of front passenger seat</li> <li>• Air conditioning distributed from rear of van</li> <li>• Rear heating shall be factory installed and insulated</li> </ul>	_____
10.42	Audio	<ul style="list-style-type: none"> <li>• SYNC 4 Technology</li> <li>• AM-FM stereo</li> <li>• 12-inch display</li> <li>• Eight (8) speakers</li> <li>• Bluetooth® technology, for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit</li> <li>• Dual USB ports</li> </ul>	_____
10.43	Batteries	<ul style="list-style-type: none"> <li>• Dual AGM batteries</li> <li>• Heavy duty</li> <li>• Approximately 70 amp-hr each</li> </ul> <b>State:</b> CCA: _____	_____
10.44	Instrumentation	Vehicle maintenance monitor including engine hour meter	_____
10.45	Brakes	<ul style="list-style-type: none"> <li>• 4-wheel anti-lock disc brakes</li> <li>• Parking brake</li> </ul>	_____
10.46	Telematics	Compatible with Geotab	_____
10.47	Interior Power	<ul style="list-style-type: none"> <li>• 12V PowerPoint</li> <li>• Qty two (2)</li> </ul>	_____
10.48	Power Outlet	<ul style="list-style-type: none"> <li>• 110V/400W</li> </ul> <p>Note: High-power outlets deliver up to 400 watts of power, allowing drivers to easily charge smaller corded tools, battery chargers or mobile devices on-site</p>	_____
10.49	Steering	<ul style="list-style-type: none"> <li>• Power</li> <li>• Tilt</li> <li>• Telescoping</li> </ul>	_____

10.50	Ignition Keys and Key Fobs	<ul style="list-style-type: none"> <li>Three (3) Remote keyless entry – three (3) key fobs and one (1) ignition key</li> </ul> <b>or</b> <ul style="list-style-type: none"> <li>if the keys and key fobs are one unit, supply 3 key fobs</li> <li>Two (2) additional keys with key fobs</li> </ul>	_____
10.51	Keyless Entry Pad	Keyless entry pad	_____
10.52	Blind Spot Assist	Provides a visual warning and resistive steering torque to prevent a Collision should an object be recognized in the vehicles blind spot while changing lanes	_____
10.53	Lane Keeping System	Alerts the driver if their vehicle is unintentionally leaving its intended lane	_____
10.54	Reverse Sensing System	Alerts the driver if there are obstacles behind the vehicle when reversing	_____
10.55	Windshield Wipers	<ul style="list-style-type: none"> <li>Automatic rain-sensing windshield wiper</li> <li>“Reflex” style wiper blades</li> <li>Wiper activated headlamps</li> </ul>	_____
<b>Automatic Engine Idle Shut-Down</b>			
10.56	Engine Idle Shut-Down	<ul style="list-style-type: none"> <li>Automatic</li> <li>10-minute timer</li> </ul>	_____
<b>Safety/Security</b>			
10.57	Roll Stability Control	Improves vehicle control on all driving surfaces, including snow, ice, gravel, rain-covered roads, and dry pavement	_____
10.58	Cruise Control	Cruise Control with display centre	_____
10.59	Perimeter Anti-Theft Alarm	The <b>perimeter alarm</b> is a deterrent against unauthorized access to the vehicle	_____
10.60	Remote Start	Remote start system	_____
10.61	Airbags	Driver and passenger	_____
10.62	Back Up Alarm	<ul style="list-style-type: none"> <li>Approximately 102 dB(A) warning capability</li> </ul>	_____
<b>Upfitter Package</b>			
10.63	Upfitter Package	<ul style="list-style-type: none"> <li>High capacity Upfitter switches</li> <li>Auxiliary fuse panel</li> <li>High spec interface connector</li> </ul>	_____
10.64	Upfitter Interface Module (UIM)	Upfitter interface module (UIM)	_____
10.65	Vehicle Wiring System	Modified vehicle connections for customized wiring harness provisions	_____

**Towing**

- |       |        |   |       |
|-------|--------|---|-------|
| 10.66 | Towing | <ul style="list-style-type: none"><li>• Heavy-duty trailer tow package</li><li>• Trailer brake controller</li></ul> | _____ |
|-------|--------|---|-------|

**Mud Flaps**

- |       |           |  |       |
|-------|-----------|--|-------|
| 10.67 | Mud Flaps | <ul style="list-style-type: none"><li>• Front and back</li><li>• OEM</li><li>• Moulded</li></ul> | _____ |
|-------|-----------|--|-------|

**Colour**

- |       |        |  |       |
|-------|--------|--|-------|
| 10.68 | Colour | <ul style="list-style-type: none"><li>• Exterior - ingot silver</li><li>• Interior – Black or grey</li></ul> | _____ |
|-------|--------|--|-------|

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 **High Roof Passenger Van** 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 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.

13.0 **MANUALS**

13.1 **Manuals:** \_\_\_\_\_

The manuals shall cover the complete equipment including all components thereof, CD or USB is preferred where available.

13.2 **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 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. \_\_\_\_\_