

FORM N: DETAILED SPECIFICATIONS 22039

LOW ROOF CARGO VAN 9000LBS. 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 Low Roof Cargo Van and other equipment and features as specified herein.
- 2.2 The Low Roof Cargo Van shall be a new 2022 model year or newer.
- 2.3 The Low 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 Low Roof Cargo Van shall be the manufacturer's latest model, as may be modified by these specifications. The Low 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 Low Roof Cargo Van 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://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php>

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

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/regq/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>

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. REFERENCES

4.1 Provide five (5) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5. MAKE & MODEL

5.1 State year, make and model being bid: _____

6. FUEL

6.1 Where applicable, all equipment must be fully fueled upon delivery (no exceptions).

7.0 SPECIFICATION	BIDDER TO STATE "YES" OR STATE DEVIATION
7.1 GVWR: Approx. 9000 lbs.	_____
7.2 Wheelbase: Approximately 130-140", state .	_____
7.3 Low roof: Height approximately 84", state	_____
7.4 Interior height: approximately 56", state .	_____
7.5 Engine: V6, Gasoline 270-275 HP.	_____
7.6 Transmission: 10-speed automatic Heavy Duty Transmission.	_____
7.7 External transmission oil cooler.	_____
7.8 Rear Wheel Drive.	_____
7.9 Differential: 3.73 axle ratio, heavy duty locking or limited slip.	_____
7.10 Heavy duty alternator approx. 220 amp: state amperage	_____
7.11 Block heater/pan heater with cord through grille.	_____
7.12 Coolant: Antifreeze to -35°C.	_____
7.13 Dual Batteries: Heavy duty battery approx. 70 amp/hour each, state .	_____
7.14 Steering: Tilt and power.	_____
7.15 Brakes: Power with ABS.	_____
7.16 Rims: 16 inch steel road wheels.	_____
7.17 Tires - Front & rear: All season radials, state size.	_____

- 7.18 Full-size spare wheel & tire with carrier. _____
- 7.19 Mud-flaps: Front and rear. _____
- 7.20 Stability and traction control. _____
- 7.21 Mirrors: Interior rear view and heated dual power exterior with turn signals. _____
- 7.22 Windshield wipers: Intermittent. _____
- 7.23 Wiper blades: Winter blades with heavy duty rubber boot. _____
- 7.24 Three (3) Remote keyless entry – key fobs and Three (3) sets of Ignition keys or if the keys and key fobs are one unit, supply 3 key fobs. _____
- 7.25 Remote start. _____
- 7.26 Air conditioning. _____
- 7.27 Auxiliary rear heater: factory installed with insulated hoses. _____
- 7.28 Cruise control. _____
- 7.29 Door locks: Power. _____
- 7.30 Seats: Two (2) bucket seats, cloth or cloth and vinyl with seatback storage pockets (each seat). _____
- 7.31 Passenger side sliding door cargo door. No window. _____
- 7.32 Rear cargo door: 50/50 hinged rear. No windows. _____
- 7.33 Interior lights: Dome with door switches on front, side and rear doors. _____
- 7.34 Interior cargo lights: factory LED lights. _____
- 7.35 Map lights: front and rear _____
- 7.36 Radio: AM-FM with CD or MP3 player and Bluetooth® technology, for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit. _____
- 7.37 Cup holders: front _____
- 7.38 Front door side pockets _____
- 7.39 Air bags: front driver’s and passenger _____
- 7.40 12-Volt power point _____
- 7.41 Front Bumper: Black, molded-in-color. _____
- 7.42 Rear Bumper: Black, molded-in-color with Integral Step. _____
- 7.43 Colour Interior: Black, cloth. _____
- 7.44 Colour Exterior: White. _____
- 7.45 Windows: tinted glass. _____
- 7.46 Backup alarm, approx. 97 dB. _____
- 7.47 Backup camera. _____
- 7.48 Rear park assist w/audible warning. _____

7.49 Perimeter anti-theft alarm. _____

7.50 Flat loading heavy-duty flooring in cargo area. _____

7.51 Towing: towing package with 7-pin trailer wiring provision (sealed), trailer brake controller for approx. a 5000 lbs. trailer. **State** Towing capacity: _____

8.0 **WARRANTY**

8.1 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. _____

8.2 Basic vehicle (Comprehensive): **State** terms: _____

8.3 Drivetrain coverage: **State** terms: _____

8.4 Roadside assistance: **State** terms: _____

8.5 Corrosion (Sheet metal) **State** terms: _____

8.6 Corrosion (Sheet metal rust-through): **State** terms: _____

9.0 **DELIVERY**

9.1 Delivery Point: The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB. _____

9.2 **State**: earliest delivery time from date of award: _____

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

9.3 **Delivery Contact**: The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

9.4 **P.D.I**: A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list. _____

10.0 **MANUALS**

10.1 Manuals supplied under this Contract. The manuals shall cover the complete equipment including all components thereof, USB is preferred where available. _____

10.2 Operator's manual: One (1) per unit shall be supplied with the units when delivered: _____

11.0 **PARTS/LABOUR DISCOUNT**

11.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State**: percentage discount _____ %

11.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State: percentage discount** _____ %

12.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT**

12.1 In order to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, transmission, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing and first transmission service. _____

12.2 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 22040

CUTAWAY VAN CHASSIS WITH VAN BODY 14000LBS. GVWR

- 1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**
 - 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
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 - 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 **Cutaway Van with Van Body** and other equipment and features as specified herein.
 - 2.2 The **Cutaway Van with Van Body** shall be a new 2022 model year or newer.
 - 2.3 The **Cutaway Van with Van Body** 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 **Cutaway Van with Van Body** shall be the manufacturer's latest model, as may be modified by these specifications. The **Cutaway Van with Van Body** 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 **Cutaway Van with Van Body** 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://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php>
 - 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
 - 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>

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. REFERENCES

4.1 Provide five (5) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5. MAKE & MODEL

5.1 State year, make and model being bid: _____

6. FUEL

6.1 Where applicable, all equipment must be fully fueled upon delivery (no exceptions).

7.0 SPECIFICATIONS:	BIDDER TO STATE "YES" OR STATE DEVIATION
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7.1	Cutaway van chassis 2 door.	_____
7.2	GVWR: Approx. 14000 lbs.	_____
7.3	Payload: Approx. 8800 lbs.	_____
7.4	Configuration: DRW Dual Rear Wheel.	_____
7.5	Wheelbase: approximately 176" or as required for a 14' van body, state .	_____
7.6	Cab to rear axle approximately 118" or as required for 14' van body, state .	_____
7.7	Engine: Gasoline V8, 325-401 HP, 450-465 ft. lbs. torque.	_____
7.8	Transmission: 6-speed automatic Heavy-Duty Transmission.	_____
7.9	External transmission oil cooler	_____
7.10	Differential: Heavy Duty locking or limited slip. State rear axle ratio: _____	_____
7.11	Heavy duty alternator, approx. output. 150-210amps: State amperage.	_____
7.12	Block heater/pan heater with cord through grille.	_____
7.13	Coolant: Antifreeze to -35°C.	_____
7.14	Dual Batteries: Heavy duty dual batteries approx. 70 amp/hour. State	_____

CCA.

- 7.15 Steering: Tilt and power. _____
- 7.16 Brakes: Power with ABS. _____
- 7.17 Rims: Heavy duty 16-inch steel road wheels. _____
- 7.18 Tires - Front & rear: All season radials, **state** size. _____
- 7.19 Full-size spare wheel & tire with carrier. _____
- 7.20 Mud-flaps: Front. _____
- 7.21 Traction Control/Roll Stability Control. _____
- 7.22 Mirrors: heated dual power exterior with turn signals indicators. _____
- 7.23 Windshield wipers: Intermittent, rain sensing. _____
- 7.24 Wiper blades: Winter blades with heavy duty. _____
- 7.25 Three (3) Remote keyless entry – key fobs and Three (3) sets of Ignition keys or if the keys and key fobs are one unit, supply 3 key fobs. _____
- 7.26 Front heat and air conditioning. _____
- 7.27 Cruise Control. _____
- 7.28 Door locks: Power. _____
- 7.29 Windows: Power. _____
- 7.30 Seats: Two (2) bucket seats cloth or cloth and vinyl. Seat adjustment to be manual. _____
- 7.31 Interior lights: Dome with door switches on front doors. _____
- 7.32 Map lights: front. _____
- 7.33 Radio: AM-FM with Bluetooth® technology, for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit. _____
- 7.34 Cup holders: front. _____
- 7.35 Front door side pockets. _____
- 7.36 Air bags: front driver’s and passenger. _____
- 7.37 12-Volt power point, **state** location. _____
- 7.38 Bumper: Black, molded-in-color with lower valence. _____
- 7.39 Colour Interior: black or grey. _____
- 7.40 Colour Exterior: white. _____
- 7.41 Windows: All windows to be tinted. _____
- 7.42 Wheel Well liners: front only. _____
- 7.43 Backup alarm, approx. 97 dB. _____

- 7.44 Perimeter anti-theft alarm. _____
- 7.45 Rear View Camera. _____
- 7.46 Reverse Sensing System. _____
- 7.47 Power Inverter 12V to 110V, 400W. _____

VAN BODY

- 7.48 Length 14' dry freight van body. _____
- 7.49 Interior height approx. 76". _____
- 7.50 Interior width approx. 91". _____
- 7.51 Exterior and cargo area construction:
 - Heavy duty steel under structure with 3" I-beam floor cross members. Fully undercoated. _____
 - White one-piece FRP front wall panel. _____
 - Pre-painted white aluminum side panels, 1 3/8" "Z" posts riveted or bonded to .040" aluminum sheet. _____
 - Solid recessed bulkhead wall between cab and body. _____
 - Aerodynamic Roof & Corner Radius. _____
 - Plywood walls full height 3/8" sides 1/2" front wall. _____
 - Full plywood floor 1 1/8" thickness. _____
 - Roof 032" aluminum sheet with anti-snap roof bows. _____
 - Rear Door: roll-up rear door with stainless steel rivets. _____
 - Rear frame: Corrosion resistant satin coat steel rear frame, primed with epoxy primer and painted with polyurethane paint. _____
- 7.52 Installation: the body shall be installed on the cutaway chassis including, but not limited to, mounting hardware, fasteners, isolators etc. _____
- 7.53 Mud flaps: anti-sail type. _____
- 7.54 Cargo control: variable, tie down points and wall rail system to secure cargo during transport. Intended cargo up to 8 treasury vaults (3' x 2.5') @ 750lbs each or transport of tool boxes and large parts. _____
- 7.55 Rear liftgate: hydraulic cylinders and/or chain and sprocket drive, 1600lbs capacity, Aluminum platform approx. 89" Width x 55" Load Depth plus 12" Taper, travel height up to approx. 50". Dual controls (fixed control and remote pendant), weather proof. _____

State make and model of the liftgate: _____

Lighting and Electrical

- 7.56 Conformance:
 - LED Lighting _____
 - C.M.V.S.S. _____
 - Manitoba Highway Traffic Act. _____
 - City of Winnipeg Lighting Visibility Standard
<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>
- 7.57 Electrical: All wiring to be colour coded, loomed and properly secured. _____

7.58 Electrical Connectors: All electrical connectors to be crimped, soldered and then sealed using heat shrink tubing. _____

Joining of Wires: All joining of wires to be soldered and sealed using heat shrink tubing or approved OEM weather tight connections _____

Note: Crimp on electrical connectors for joining wires are not acceptable

7.59 One (1) recessed interior LED dome light with switch in rear and cab, exterior LED clearance lights with plug-in wiring. _____

7.60 Recessed stop, turn and back up lights. Taillights, back-up lights and warning lights to be fully visible when tailgate is lowered to horizontal position. _____

7.61 Marker lights: on van body _____

7.62 Wiring Routing: Any holes required to run wires through shall be drilled (not punched), grommeted and sealed. _____

7.63 Body weight: estimated weight of body with lift gate, **State** _____

7.64 Payload with van body and lift gate installed: Approx. 6000 lbs. **State** Payload: _____

7.65 Colour Exterior: white. _____

8.0 **WARRANTY**

8.1 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.

8.2 Basic vehicle (Comprehensive): **State** terms: _____

8.3 Drivetrain coverage: **State** terms: _____

8.4 Roadside assistance: **State** terms: _____

8.5 Corrosion (Sheet metal) **State** terms: _____

8.6 Corrosion (Sheet metal rust-through): **State** terms: _____

8.7 Body warranty: **State** terms: _____

8.8 Body Paint: **State** terms: _____

8.9 Body electrical: **State** terms: _____

9.0 **DELIVERY**

9.1 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.

9.2 **State:** earliest delivery time from date of award: _____

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

9.3 **Delivery Contact:** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

9.4 **P.D.I:** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list. _____

10.0 **MANUALS**

10.1 Manuals supplied under this Contract. The manuals shall cover the complete equipment including all components thereof, CD or USB is preferred where available. _____

10.2 Operator's manual: One (1) per unit shall be supplied with the units when delivered: _____

11.0 **PARTS/LABOUR PRICING:**

11.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount** _____%

11.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount** _____%

12.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT:**

12.1 In order to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, transmission, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing and first transmission service. _____

12.2 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. _____