

**PART A**

**BID SUBMISSION**

**FORM A: BID**  
(See B7)

1. Project Title SUPPLY & DELIVERY OF CUTAWAY VANS WITH ALUMINUM BODIES

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

(Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

\_\_\_\_\_  
Contact Person

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3 unless the context otherwise requires.

5. Offer

The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

6. Commencement of the Work

The Bidder agrees that no Work shall commence until he is in receipt of a Purchase Order authorizing the commencement of the Work.

Template Version: G320040301

7. Contract

The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid Submission.

8. Addenda

The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	Dated
_____	_____
_____	_____
_____	_____

9. Time

This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Signatures

In witness whereof the Bidder or the Bidder's authorized official or officials have signed this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ .

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_

\_\_\_\_\_  
(Print here name and official capacity of individual whose signature appears above)

\_\_\_\_\_

\_\_\_\_\_  
(Print here name and official capacity of individual whose signature appears above)

**FORM B: PRICES**  
(See B8)

**SUPPLY & DELIVERY OF CUTAWAY VANS WITH ALUMINUM BODIES**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	Cutaway Van with Aluminum Body	04023	Each	2	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____						
(in words) _____						
_____						

\_\_\_\_\_  
Name of Bidder

## FORM N: DETAILED SPECIFICATIONS 04023

### CUTAWAY VAN WITH ALUMINUM BODY

(Traffic Services)

#### 1.0 TYPE

1.1 Shall be a nominal 14 ft. aluminium van body installed on a cutaway van chassis supplied by the Successful Bidder. The complete vehicle shall be furnished complete and ready for use with all features and auxiliary equipment as described herein.

1.2 State make and model of van body being bid: \_\_\_\_\_

#### 2.0 OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

2.2 The completed unit and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker on the driver's side window.

#### 3.0 SERVICE FACILITY

3.1 For the purpose of warranty repairs, the Bidder shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B9.1, 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.

3.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that warranty work be performed by the City of Winnipeg Repair Facility. Any Work performed by the City of Winnipeg Repair Facility shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2004: \$65.00/hour).

#### 4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state "yes" for compliance or state deviation**, or give reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.

4.2 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

#### 5.0 CUTAWAY VAN CHASSIS

5.1 Make and model – 2004/2005 cutaway van chassis, state make and model being bid. \_\_\_\_\_

5.2 GVWR – 14,000 lbs. min.. \_\_\_\_\_

- 5.3 Wheelbase – 158 in. approx., state. \_\_\_\_\_
- 5.4 Cab to axle – 102 in. approx., state. \_\_\_\_\_
- 5.5 Engine – V8 diesel engine, state make, model and size. \_\_\_\_\_
- 5.5.1 Horsepower – 200 min., state. \_\_\_\_\_
- 5.5.2 Torque – 485 lb-ft min.. \_\_\_\_\_
- 5.6 Block heater – immersion type, 750 Watt min.. \_\_\_\_\_
- 5.7 Radiator & coolant – standard cooling, antifreeze to -35°C (-37°F). \_\_\_\_\_
- 5.8 Winter front – heavy-duty vinyl w/twist lock or snap type fasteners. \_\_\_\_\_
- 5.9 Alternators – factory installed dual alternator system, 200 Amp min. combined capacity. \_\_\_\_\_
- 5.10 Chassis batteries – two (2), 1300 combined CCA min., state. \_\_\_\_\_
- 5.10.1 Frame mounted batteries shall be fully enclosed, readily accessible for servicing. \_\_\_\_\_
- 5.11 Engine speed – fast idle or auxiliary idle control, wired through neutral safety switch. State type. \_\_\_\_\_

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- 5.12 Transmission – automatic, state make and model. \_\_\_\_\_
- 5.13 Transmission cooling – maximum cooling package. \_\_\_\_\_
- 5.14 Front tires – radials, all-season tread, load rating to match GVWR. \_\_\_\_\_
- 5.15 Rear tires – radials, mud and snow or all-season tread, load rating to match GVWR. \_\_\_\_\_
- 5.16 Brakes – power. \_\_\_\_\_
- 5.17 Steering – power. \_\_\_\_\_
- 5.18 Seats – two (2) bucket seats with arm rests, air suspension, cloth or cloth with vinyl trim. \_\_\_\_\_
- 5.19 Floor covering – rubber matting. \_\_\_\_\_
- 5.20 Windshield – tinted. \_\_\_\_\_
- 5.21 Heater with defroster – standard. \_\_\_\_\_
- 5.22 Air conditioning – required at front. \_\_\_\_\_
- 5.23 Tilt steering – required. \_\_\_\_\_

- 5.24 Insulation package – deluxe, complete with headliner and door trim panels. \_\_\_\_\_
- 5.25 Windshield wipers – electric, intermittent. \_\_\_\_\_
- 5.26 Side mirrors – bright swing-out recreational, or black moulded composite, breakaway type, 12" x 7" min.. \_\_\_\_\_
- 5.27 Radio – AM/FM, factory installed. \_\_\_\_\_
- 5.28 Ignition keys/door keys – three (3) sets required. \_\_\_\_\_
- 5.29 Frame pucks (isolators) – required. \_\_\_\_\_
- 5.30 Frame spacers – as required for 14 ft. body, state quantity and type. \_\_\_\_\_

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- 5.31 Fuel tank – 150 L capacity minimum, fully fuelled upon delivery. \_\_\_\_\_
  - 5.32 Running boards – full door length, required left and right. \_\_\_\_\_
  - 5.33 Colour – blue or grey interior, bright white exterior. \_\_\_\_\_

**6.0 ALUMINUM BODY DIMENSIONS**

- 6.1 Body length, interior (measured from back of cab to end of body) – approx. 168 in., state length. \_\_\_\_\_
- 6.2 Body height, interior – 78-80 in., state. \_\_\_\_\_
- 6.2.1 Floor height – approx. 36 in., state height. \_\_\_\_\_
- 6.2.2 Overall height – 120 in. max. to top of body, state height. \_\_\_\_\_
- 6.3 Body width, exterior – 96 in. max., state width. \_\_\_\_\_

**7.0 VAN BODY, EXTERIOR**

- 7.1 Walls – smooth aluminum, construction method to be either snap-lock panels – minimum 0.125" thick on 12" centres; or frame and skin construction – 1½" "Z" type extrusions on 12" centres with minimum 0.125" panels fastened with aluminum rivets. State construction method. \_\_\_\_\_

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- 7.2 Roof – smooth aluminum stressed-skin, minimum 0.040 in. thick, 1-piece design. \_\_\_\_\_
  - 7.2.1 Roof bows – hat type on 24 in. centres. \_\_\_\_\_
  - 7.3 Floor, cross sills – full width 2" x 2" x 0.125" hollow structural steel tubing or equivalent on 16 in. centres. State material. \_\_\_\_\_

- 7.3.1 Floor, long sills – structural C-channels or equivalent. State material. \_\_\_\_\_
- 7.4 Floor insulation – 2-3 in. of spray foam insulation on underside of floor. \_\_\_\_\_
- 7.5 Mudflaps – no-name, black rubber type with steel bar anti-sail brackets, installed in front and behind rear tires. \_\_\_\_\_
- 7.6 Rear bumper – full width, heavy-duty step bumper, minimum 12 in. deep c/w a grip strut step surface. \_\_\_\_\_
- 7.6.1 Rear steps – three (3) steps, approx. 44 in. wide, steel open-grate material, inserted and incorporated into the rear bumper. Exact bumper design and dimensions to be discussed at pre-production meeting. \_\_\_\_\_
- 7.6.2 Bumper shall be bolted to chassis frame and to van body, reinforced as required. Mounting height shall provide a 18-20 in. step height from ground level. First step approx. 12 in. from ground level. \_\_\_\_\_
- 7.7 Rear vertical exhaust w/muffler guard – located at driver side rear of vehicle, exhaust tip shall be complete with a 90° bend and a 45° cut-off. Exhaust shall be located to provide minimal obstruction for rear lighting. \_\_\_\_\_
- 7.7.1 Any exhaust modifications on underside of vehicle shall be routed over rear axle. \_\_\_\_\_
- 7.8 Exterior storage compartments – two (2) required, one (1) per side, steel construction, under-body, frame mounted, approx. 48"L x 17"H X 17"D each. Compartment dimensions shall be designed to provide sufficient ground clearance. State dimensions. \_\_\_\_\_
- 7.8.1 Compartment floor liner – heavy-duty rubber matting. \_\_\_\_\_
- 7.8.2 Compartment interior finish – Zolotone or speckled trunk paint. \_\_\_\_\_
- 8.0 REAR DOORS**
- 8.1 Rear doors – two (2) doors, side hinged, aluminum double skin design, complete with safety glass top & bottom. The right-side door shall overlap the left-side door. \_\_\_\_\_
- 8.1.1 Driver side (left side) rear door dimensions – approx. 78"H x 27"W. \_\_\_\_\_
- 8.1.2 Passenger side (right side) rear door dimensions – approx. 78"H x 17"W. \_\_\_\_\_
- 8.2 Safety glass – two (2) per door, approx. 20 in. height each with appropriate safety markings. State dimensions. \_\_\_\_\_
- 8.3 Hinges – three (3) per door, heavy duty, stainless steel. \_\_\_\_\_
- 8.4 Door latch system – manufacturer's standard slam action type latch system, rod-actuated with locking exterior handle. Top and bottom



latch insets to be reinforced to prevent wearing. State details of left and right side door latching system including interior handles/actuators.

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8.5 Door stays – designed to hold doors in fully open position, “Grabber” U-style (Cast Products Inc.), no substitutes.

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**9.0 INTERIOR, GENERAL**

9.1 Walls – lined with ½ in. plywood, fastened with counter-sunk screws.

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9.2 Ceiling – lined with min. 3/8 in. plywood, fastened with counter-sunk screws.

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9.3 Floor – extruded aluminum non-skid safety flooring.

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9.4 Insulation – urethane spray-on foam, minimum 1 in. thick in walls and ceiling, minimum 2 in. thick in floor, rear doors shall be insulated as much as practicable.

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9.5 Storage kick – van roof to be cut-out as required and equipped with a sloped “kick-over”, aluminum construction with open storage area. Walk-through to be full height, approx. 30 in. wide. Upper storage area shall be c/w a 2 in. lip.

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9.6 Rear passenger seats – one (1) per side, high back bucket type, forward facing ahead of bulkhead, cloth or vinyl knit captain’s chairs with arm rests, back height to be 26 in. min., adjustable rear incline, seat belt with shoulder restraint. Seat height shall be 18-20 in. from floor.

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9.6.1 Rear seats shall be ergonomically positioned for a comfortable seating position, with proper hip, knee and elbow room for a 95<sup>th</sup> percentile male.

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9.6.2 Rear seat mounting – shall be anchored to the cross sills or chassis frame.

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9.6.3 Rear windows – two (2) located in side wall for rear passengers, one (1) per side, fixed, non-opening, tinted, approx. 30”W x 20”H c/w appropriate safety markings.

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9.7 Bulkhead – full width, 12 ga. aluminum with sufficient soundproofing, or plywood bulkhead.

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9.7.1 Bulkhead shall be designed to permit full rearward seat travel with the seat in a comfortable upright position. A 1-in. space shall be provided between the bulkhead and the seat to prevent rubbing.

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9.7.2 Bulkhead door – centre, sliding door with minimum 18" x 18" Lexan window. Door shall be designed in a secure manner to prevent rattling.

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**10.0 INTERIOR LAYOUT & SHELVING**

10.1 Shelving material – 10-gauge aluminum min., state gauge.

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Driver's Side: Rear of Bulkhead

10.2 Workbench – 60"L x 24"W x 40"H approx., located directly behind bulkhead providing three (3) separate compartments. Workbench shall be complete with a minimum  $\frac{7}{8}$  in. thick hardwood surface.

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10.2.1 Vice – 4 in. Record, permanently mounted and secured at the front-left side of workbench.

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Note: For the purpose of these specifications, the workbench compartments shall be specified compartments 1-3 beginning with Compartment 1 located directly behind the bulkhead. Compartment dimensions may be modified slightly by the supplier to accommodate wheel wells.

10.2.2 Compartment 1 – approx. 23 in. width c/w two (2) swing-out doors, latchable in the centre. Compartment shall be equipped with two (2) shelves, full width and full depth. Shelves shall also be equipped with a 1 in. lip, height adjustable at 3 in. increments.

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10.2.3 Compartment 2 – approx. 14 in. width, including three (3), 13 in. high drawers on medium duty rollers. Drawers shall pull-out approx. 14 in. from face of cabinet.

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10.2.4 Compartment 3 – identical to compartment 1.

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10.3 Overhead cupboards – located at ceiling height, 60"L x 16"H x 12"D approx., containing four (4) 15 in. width compartments, one (1) latchable door per compartment.

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10.4 Coin storage rack #1 – 50"L x 6"H x 21"D containing seven (7) equally spaced dividers, 2" x  $\frac{1}{4}$ " flatbar construction, located directly to the rear of the workbench.

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10.5 Rear heater – Webasto Air Top 3500 12-Volt diesel fired heater, located at or near floor level. Heater duct(s) shall be c/w round, swivel type air deflector(s). Air intake to be constructed for sufficient air-flow as recommended by heater manufacturer. Intake air shall be drawn from the inside of the van body. Exact location to be determined at time of installation.

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10.5.1 Rear heater cover – aluminum construction covering top and sides, removable using clamp fasteners or pull-down catches. Air intake end to be constructed for sufficient air flow as recommended by heater manufacturer. Heater cover shall include a 2 in. top lip.

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10.5.2 Rear heater control – shall be ergonomically located within driver's reach and easily serviceable. Exact mounting location to be determined at time of installation.

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Passenger's Side: Rear of Bulkhead

10.6 Locker – full height x 30"W x 30"D approx., located directly behind bulkhead. Locker shall be complete with two (2) side-hinged latchable doors.

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- 10.6.1 Shelf – located 16 in. from top of locker, full width and full depth, c/w a 1½ in. lip. \_\_\_\_\_
- 10.6.2 Coat hooks – seven (7) required, two (2) hooks per side, three (3) at rear. \_\_\_\_\_
- 10.7 Storage compartment – full height x 30"W x 30"D approx., located directly beside locker towards the rear. Storage compartment shall be complete with two (2) side-hinged latchable doors. \_\_\_\_\_
- 10.7.1 Shelves – six (6) height adjustable shelves at 3 in. increments, full width and full depth of storage compartment c/w a 2 in. lip per shelf. \_\_\_\_\_
- 10.8 Coin storage rack #2 – same as coin storage rack #1, located directly beside storage compartment towards the rear. \_\_\_\_\_
- 10.9 Coin cart storage area – approx. 22 in. wide. Space to accommodate storage of a coin cart. Cart may be fastened by a system of rubber straps and hooks. \_\_\_\_\_
- 11.0 ELECTRICAL AND LIGHTING**
- 11.1 All vehicle lighting shall conform to C.M.V.S.S. and Manitoba Highway Traffic Act requirements. \_\_\_\_\_
- 11.2 Supplier installed lighting shall be LED Truck Lite (except where otherwise noted) and shall include the following components:
- 11.2.1 Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted. \_\_\_\_\_
- 11.2.2 High mounted stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted. \_\_\_\_\_
- 11.2.3 Turn signal flash rate – 70-90 flashes per minute. \_\_\_\_\_
- 11.2.4 Back-up lights – P/N 44206C, one (1) per side with 40700 mounting grommets. \_\_\_\_\_
- 11.2.5 3-Light cluster – three (3) only P/N 10250R with P/N 10700 mounting grommets. \_\_\_\_\_
- 11.2.6 Clearance lights – P/N 10250R and 10250Y with P/N 10700 mounting grommets. \_\_\_\_\_
- 11.2.7 License plate lamp – P/N 15040, complete with license plate bracket. \_\_\_\_\_
- 11.2.8 Lighting harnesses – Truck-Lite 50 Series Harness system, properly routed and secured. \_\_\_\_\_
- 11.3 Junction box – P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside rear of truck frame. \_\_\_\_\_

- 11.4 All plug-in connectors shall be coated with Truck-Lite NYK Compound prior to assembly. \_\_\_\_\_
- 11.5 Back-up alarm – STAR 62-097, 97 dB(A) rating, installed at rear of body, located to be protected from damage. \_\_\_\_\_
- 11.6 Interior cab dome lights – two (2) OEM style overhead lights, one (1) roof mounted above driver, one (1) roof mounted above front passenger. Lights to be actuated through chassis OEM dash-mounted switch and door switches. \_\_\_\_\_
- 11.7 Interior lights – five (5) Grote 61511, actuated from switch-panel. \_\_\_\_\_
- 11.7.1 Mounting location, ahead of bulkhead – one (1) mounted above centre isle. \_\_\_\_\_
- 11.7.2 Mounting locations, rear of bulkhead – three (3) mounted above centre isle, evenly spaced, one (1) located on driver’s side ceiling above workbench. \_\_\_\_\_
- 11.8 Roof vent – Fan-Tastic, model 4000 power vent with 3-speed reversible fan, installed in roof of cargo area, switch panel actuated. \_\_\_\_\_
- 11.9 Rear work lights – two (2) utility lamps, Truck-Lite 80394, mounted above rear doors. Lights shall be wired through neutral safety switch, switch panel actuated. \_\_\_\_\_
- 11.10 Warning light system – six (6) Truck-Lite 92690Y lights, amber lens, switch panel actuated. \_\_\_\_\_
- 11.10.1 Warning light mounting locations:
- i) Front – two (2) top corner mounted. \_\_\_\_\_
  - ii) Sides – one (1) per side, top centre mounted. \_\_\_\_\_
  - iii) Rear – two (2) top corner mounted. \_\_\_\_\_
- 11.10.2 Lights shall flash in an alternating pattern. \_\_\_\_\_
- 11.11 Inverter – Xantrex RS2000, powered from auxiliary battery, switch panel actuated, mounted above driver in storage kick area. \_\_\_\_\_
- 11.11.1 Electrical outlets – three (3) 120 Volt duplex outlets required, GFI, CSA approved. One (1) located over workbench, one (1) located at rear, driver’s side interior, one (1) located on passenger side exterior near rear of van body. \_\_\_\_\_
- 11.12 Switch panel – Wired Rite Systems Inc., wired through ignition. Switch panel shall actuate (in the following order, left to right) interior lights, warning lights, inverter, roof vent, rear work lights, one (1) additional blank space labelled “Spare”. Exact mounting location of switch panel to be determined at time of installation. \_\_\_\_\_
- 11.13 All body supplier installed wiring shall be numbered, colour coded, loomed, properly secured and protected from damage. \_\_\_\_\_

11.13.1 All electrical connectors shall be crimped and soldered to the wiring, then sealed using heat shrink tubing.

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11.13.2 All joining of wires shall be soldered and sealed using heat shrink tubing (crimp on electrical connectors for joining wires are not acceptable).

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11.13.3 Splicing into factory chassis or body wiring harnesses is not acceptable.

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11.13.4 All holes required for routing wiring shall be drilled (not punched), grommets and sealed as required.

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11.14 Wiring access panel – all wiring for interior lights, switch panel wiring, outlets, etc., shall be accessible from an access panel running along the inside corner of the ceiling.

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11.15 Wiring schematic – required for all body supplier installed electrical accessories, three (3) copies required.

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## 12.0 INSTALLATION

12.1 Upon request of the Contract Administrator, Bidders shall supply a diagram and description showing the body manufacturer's recommended body to chassis mount. Diagrams shall be supplied within twenty (20) Calendar days upon request.

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12.2 Mounting brackets shall be bolted to chassis frame using Grade-8 fasteners.

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12.3 Any holes required in the chassis frame web shall be drilled and reamed to fit bolts, no exceptions.

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12.4 Welding or drilling on chassis frame flanges and welding on chassis frame web is not permitted.

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12.5 Mounting of the van body shall be in accordance with the chassis manufacturer's guidelines for body mounting, including, but not limited to, guidelines for tire and suspension clearance and fuel filler installation.

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12.5.1 Tire clearance – bumper pad clearance plus 3 in. minimum.

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12.6 The van body shall be mounted as low as practicable and shall incorporate wheel wells.

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12.7 All holes for latches, outlets, etc. shall be neatly cut and de-burred.

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12.7.1 All edges and corners shall be rounded to prevent accidental injury.

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12.9 All interfaces between aluminum and steel shall be separated by a minimum of 1/16 in. thick rubber or neoprene sheet and are to be bolted through with stainless steel bolts and non-conductive bushings.

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### 13.0 FINISH

13.1 The complete van body shall be properly cleaned, primed and finished as follows:

- i) Exterior – entire van body (excluding roof) shall be painted white to match chassis cab with two (2) coats of polyurethane enamel, Dupont Imron or Akzo Sikkens. \_\_\_\_\_
- ii) Interior – ceiling and walls shall be painted with off-white speckle type paint. \_\_\_\_\_
- iii) Rear bumper – painted with two (2) coats of grey or argent enamel. \_\_\_\_\_

13.2 Prior to painting all surfaces shall be properly prepared. \_\_\_\_\_

### 14.0 PERFORMANCE RELIABILITY

14.1 The responsibility for the design of the complete unit, its performance and reliability shall rest upon the Contractor. \_\_\_\_\_

14.2 The term “repeat failures” as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the unit inoperative, or required 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 schedules. \_\_\_\_\_

14.3 Where the unit develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance. \_\_\_\_\_

### 15.0 WARRANTY

15.1 The Contractor shall warrant **all aluminum body equipment** and all parts thereof, against any defects in workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by negligence on the part of the user within **one (1) year** from the date the equipment is put into service by the City of Winnipeg. \_\_\_\_\_

15.1.1 A new one (1) year warranty period shall be provided for any article that is repaired or replaced under the terms of the “repeat failures” clause (Section 14.0 Performance Reliability). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article. \_\_\_\_\_

15.2 Further to 15.1, the Contractor shall warrant **all chassis equipment** and all components thereof, against any defects in workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by

negligence on the part of the user within **three (3) years or 60,000 km** bumper to bumper (lights and tires excluded) from the date the equipment is put into service by the City of Winnipeg.

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**16.0 MANUALS**

16.1 The following manuals shall be supplied with the unit when delivered. The manuals shall be in English and shall cover the complete vehicle including the engine and all attachments:

16.1.1 Operator's manual – one (1) per unit. Operator's manuals are required for cab & chassis, steamer, inverter and heater.

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16.1.2 Parts, repair and service manuals, including preventative maintenance schedules for the life of unit – one (1) per unit (CD preferred). Parts, repair and service manuals are required for cab & chassis and rear heater.

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**17.0 PRODUCTION DRAWINGS**

17.1 Drawings – the Contractor shall submit for approval, detailed production drawings of the interior and exterior of the van body prior to construction.

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### FORM O: QUESTIONNAIRE

1.0 **STATE** the delivery time of the complete order from the date of official notification of award: (See D5.1)

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2.0 **LIST** any significant features that will be supplied standard on the unit being offered, but were not specifically mentioned in the Detailed Specifications:

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3.0 **LIST** three current users of the offered model:

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4.0 **STATE** the location of the service facility:

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5.0 Does the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?

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6.0 **LIST** any deviations that might be considered less than equal to the Detailed Specifications:

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