



REQUEST FOR
QUOTATION

SUBMISSION DEADLINE: 4:00 P.M. WINNIPEG TIME, FEBRUARY 3, 2004

If your company name and address are not correctly shown below, please enter or correct it before submitting your Bid.

Company Name

Address

**BUYER: COLEEN GROENING /h
TELEPHONE NO. (204) 986-2491**

SUPPLY AND DELIVERY OF A CUTAWAY VAN BODY WITH CHASSIS

Please quote lump sum price (MRST & GST extra where applicable) : \$ _____

State make/model offered: _____

This Request for Quotation includes Detailed Specifications 04001 and Questionnaire

THE BID SUBMISSION MUST INCLUDE THIS PAGE (COMPLETED AND SIGNED)

**TERMS AND CONDITIONS ATTACHED APPLY EXCEPT AS
SUPERSEDED ABOVE OR BY SPECIFICATIONS (IF ANY) ATTACHED.**

Early payment discount: _____ % _____ days
(See 1.5 of the Terms and Conditions attached.)

RETURN TO:

**THE CITY OF WINNIPEG 11-2004
CORPORATE FINANCE DEPARTMENT
MATERIALS MANAGEMENT DIVISION
185 KING ST MAIN FLOOR
WINNIPEG MB R3B 1J1**

Contact Person: (print) _____

Telephone Number: _____

Facsimile Number: _____

The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out in this Bid.

The Bidder agrees that the Request for Quotation 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.

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. 1 No. 2 No. 3 No. 4

This offer shall be open for acceptance, binding and irrevocable for a period of thirty (30) days following the Submission Deadline.

Signature: _____

TERMS AND CONDITIONS – GOODS

1. BIDDING PROCEDURES

- 1.1 The Bid must be submitted on the forms provided, with all required entries made clearly in ink.
- 1.2 If the Bidder finds discrepancies or omissions in the Request for Quotation or any part thereof, or is unsure of the meaning or intent thereof, he shall notify the Buyer. The Buyer will, if he deems it necessary, issue addenda to all Bidders. The Bidder is advised to direct all enquiries or comments to the Buyer at least five (5) business days prior to the Submission Deadline to allow time for the preparation and distribution of necessary addenda.
- 1.3 The Bidder is responsible for investigating the nature of the Work to be done and all conditions that might affect his Bid or his performance of the Work, and shall assume all risk for conditions existing or arising in the course of the Work which have been or could have been determined through such investigation.
- 1.4 The Contract is based on the design, methods and materials specified and any proposed substitutes must be clearly identified in the Bid. Where the phrases "or equal" or "or alternative" occur in the Request for Quotation, the Bidder is advised to submit descriptive matter in sufficient detail to permit a judgment as to the merits of any "equal" or "alternative" offered.
- 1.5 The Bidder may, but is not required to, offer a prompt payment discount. If prompt payment discounts are offered, they will be considered in determining the lowest evaluated responsive Bid.
- 1.6 The Bid must be submitted enclosed and sealed in an envelope clearly marked with the RFQ Number and the Bidder's name and address. Each envelope must contain only the Bid for one Request for Quotation.
- 1.7 The Bid must be submitted to the Materials Management Division at the address specified no later than the Submission Deadline specified. Bids received after the Submission Deadline will not be considered.
- 1.8 The Bid may be withdrawn without penalty at any time prior to the Submission Deadline.
- 1.9 The Bid shall be open for acceptance, binding and irrevocable for the period of time specified on the cover page. A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the City considers appropriate in the circumstances.
- 1.10 The City may reject a Bid as being non-responsive if the Bid is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The City may reject all or any part of any Bid or waive technical requirements if the interests of the City so require. The City may reject any Bid submitted by a Bidder who does not demonstrate, in his Bid or in other information required to be submitted, that he is responsible and qualified. A responsible and qualified Bidder is one that meets the qualifications specified and is not suspended, debarred or in default under any contract with the City.
- 1.11 Where the Contract is proposed in separate sections or with alternatives, the City shall have the right to award any section separately or to choose any alternative which is in its best interests.
- 1.12 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive. Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid.
- 1.13 The Buyer will give notice of the award of the Contract by issuing a Purchase Order to the successful Bidder, or will give notice that no award will be made.
- 1.14 The Request for Quotation, including but not limited to the specifications, drawings and addenda, and the Contractor's Bid shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that they are not necessarily attached to or accompany said Purchase Order.
- 1.15 The name of the successful Bidder and the Contract amount will be made available, upon request, to Bidders only after award of Contract.

2. SCOPE OF WORK

- 2.1 The Work to be done under this Contract shall consist of the supply and delivery of goods and the provision of ancillary services in accordance with applicable specifications, drawings and addenda.
- 2.2 The Contractor shall provide and pay for all materials, labour, equipment, tools, utilities, licenses and fees necessary to complete the Work.

3. GOODS

- 3.1 All goods supplied under the Contract shall be new and unused.
- 3.2 Materials and workmanship shall be fit for the purpose intended and shall equal or exceed the quality specified.
- 3.3 The Contractor shall be responsible for the storage, transportation and handling of goods until delivered to and accepted by the City.
- 3.4 Goods will be inspected at the time of delivery only for general description, quantity and obvious defects or damage. Notwithstanding any waiver or release which may be included on shipping bills, receipts or other such forms signed at the time of delivery, the Contractor shall not be relieved of any responsibility for goods which are defective or damaged or are not in accordance with the specifications.
- 3.5 Goods which, in the sole opinion of the City, fail to meet the requirements of the specifications shall be returned to the Contractor at his expense. The Contractor shall not be entitled to payment for goods so returned. In the event payment has been made to the Contractor, the City shall be entitled to recover same and to take whatever remedies that it may have at law.

4. ASSIGNMENT

- 4.1 The Contractor shall not assign the Contract or any payment thereunder without the prior written approval of the City.

5. SUBCONTRACTING

- 5.1 If the Contractor subcontracts any portion of the Work, he shall:
 - a) employ only Subcontractors who have successfully carried out work similar in nature, scope and value to the portion of the Work proposed to be subcontracted to them, or who are fully capable of performing the Work required to be done in accordance with the terms of the Contract;
 - b) enter into contracts or written agreements with his Subcontractors to require them to perform their work in complete conformance with and subject to the terms and conditions of the Contract; and
 - c) be as fully responsible to the City for acts and omissions of his Subcontractors and of persons directly or indirectly employed by them as for acts and omissions of persons directly employed by him.

6. INDEMNITY

- 6.1 The Contractor shall save harmless and indemnify the City for twice the contract price plus two million dollars, unless specifically stated otherwise in the contract documents, against all costs, damages or expenses arising from actions, claims, demands and proceedings, by whomsoever brought, made or taken as a result of acts or omissions of the Contractor, his subcontractors, employees or agents in the performance or purported performance of the Work, and more particularly from:
 - a) accidental injury to or death of any person whether retained by or in the employ of the Contractor or not, arising directly or indirectly by reason of the performance of the Work, or by reason of any trespass on or damage to property;
 - b) damage to any property owned in whole or in part by the City, or which the City by duty or custom is obliged, directly or indirectly, in any way or to any degree, to construct, repair or maintain;
 - c) damage to, or trespass or encroachment upon, property owned by persons other than the City;
 - d) failure to pay and obtain a discharge of a notice of claim for lien served upon the City in accordance with the requirements of The Builders' Liens Act;
 - e) failure to pay a workers compensation assessment, or federal or provincial taxes;
 - f) unauthorized use of any design, device, material or process covered by letters patent, copyright, trademark or trade name in connection with the Work;
 - g) inaccuracies in any information provided to the City by the Contractor.
- 6.2 The City has the right, acting reasonably and upon notice to the Contractor, to settle any such action, proceeding, claim or demand and charge the Contractor with the amount so paid or to be paid in effecting a settlement.
- 6.3 The Contractor shall pay to the City the value of all legal fees and disbursements required to settle any such claim or to defend the City against any such claim, action, proceeding, claim or demand notwithstanding that the settlement or defence of the said action, proceeding, claim or demand was undertaken on behalf of the City by a salaried employee of the City.
- 6.4 If the Contractor fails to make any payment required to be made to the City hereunder, the City shall be entitled to deduct the amount of such payment from any payment required to be made by the City to the Contractor under the Contract or take whatever other remedies against the Contractor that the City may have at law.

7. EVENTS OF DEFAULT

- 7.1 An event of default will be deemed to have occurred if the Contractor:
 - a) abandons the Work; or
 - b) is adjudged bankrupt or files for bankruptcy, becomes insolvent, makes a general assignment for the benefit of his creditors, or has a receiver or liquidator appointed in respect of his assets; or
 - c) in the judgment of the City, is not performing or has not been performing the Work, or any part thereof, in a sound and workmanlike manner and in all respects in strict conformity with the Contract; or
 - d) in the judgment of the City, is not progressing continuously with the Work or any part thereof, and in such a manner as to ensure the completion of the Work or any part thereof, in accordance with the work schedule; or
 - e) fails to remedy any defective or deficient Work, or to remove any defective or deficient goods; or
 - f) fails to remedy defects or deficiencies during the warranty period in the manner and within the time periods specified by the City; or
 - g) fails to make prompt payment to his subcontractors, his employees or on account of the purchase or rental of equipment or material; or
 - h) fails to promptly secure a discharge of a lien or trust claim served upon the City pursuant to The Builders' Liens Act; or
 - i) fails to comply with any laws, by-laws or statutory regulations; or
 - j) fails to submit any schedules, documents or information required by the Contract; or
 - k) refuses or neglects to comply with an order given by the City;
 - l) commits any other breach of the Contract.
- 7.2 Any provision of the Contract may be waived only by express waiver in writing by the City. No express waiver of any provision shall imply the waiver of any other provision.
- 7.3 If an event of default has occurred, the City may do any one or more of the following:
 - a) withhold or retain the whole or part of any payment;
 - b) take the whole of the Work, or any part or parts thereof out of the hands of the Contractor;
 - c) demand payment for any amount owed to the City.

- 7.4 The duties and obligations imposed upon the Contractor by the Contract and the rights and remedies available to the City hereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed upon the Contractor or available to the City at law.

8. PRICES AND PAYMENT

- 8.1 Prices bid shall be gross prices including all applicable duty, freight, cartage, Provincial and Federal Taxes [except Manitoba Retail Sales Tax (MRST or PST) and Goods and Services Tax (GST), which shall be extra where applicable] and all charges governmental or otherwise paid, and including profit and all compensation which shall be due to the Contractor.
- 8.2 If the Contractor charges GST, he must show his registration number and the amount of GST separately on the invoice.
- 8.3 Where The Builders' Liens Act is applicable to the Contract, payments will be subject to such holdbacks as are required to be made thereunder. Interest on holdback amounts will be credited, and holdback amounts will be released, in accordance with said Act.
- 8.4 Payment will be in Canadian funds net thirty (30) days from receipt of acceptable goods, or receipt and approval of the Contractor's invoice, whichever is later.

SPECIFICATIONS

1. GENERAL

- 1.1 These Specifications shall be applicable to the Work and shall take precedence over the Terms and Conditions.

2. DEFINITIONS

- 2.1 When used in this Request for Quotation:

- (a) "**Business Day**" means any Calendar Day, other than a Saturday, Sunday, or a Statutory or Civic Holiday;
- (b) "**Buyer**" means the person authorized to represent the City in respect of the Request for Quotation;
- (c) "**Calendar Day**" means the period from one midnight to the following midnight;
- (d) "**Contract**" means the combined documents consisting of the Request of Quotation package and any documents and drawings referred to and incorporated therein together with any submissions required to be made by the Contractor after award, and all amendments to the foregoing;
- (e) "**Contract Administrator**" means the person authorized to represent the City in respect of the Contract and is identified at the time of award of the Contract;
- (f) "**Contractor**" means the person undertaking the performance of the Work under the terms of the Contract;
- (g) "**Work**" means the carrying out and the doing of all things, whether of a temporary or permanent nature, that are to be done by the Contractor pursuant to the Contract and, without limiting the generality of the foregoing, includes the furnishing of all equipment, facilities, material, labour and services necessary for or incidental to the fulfilment of the requirements of the Contract.

- 2.2 Further to 2.1(b), the Buyer is:

COLEEN GROENING
(204) 986-2491

- 2.3 Further to 2.1(e), the Contract Administrator is:

Eugene Romaniuk
Equipment Specifications Technologist
770 Ross Avenue, Winnipeg MB R3E 1C6
Telephone No. (204) 986-4181
Facsimile No. (204) 986-3773

3. GOODS

- 3.1 The Contractor shall supply and deliver a Cutaway Van Body with Chassis in accordance with detailed specifications 04001 the requirements hereinafter specified.

4. ADDENDA

- 4.1 The Buyer may, at any time prior to the Submission Deadline, issue addenda correcting errors, discrepancies or omissions in the Request for Quotation, or clarifying the meaning or intent of any provision therein.

- 4.2 The Buyer will issue each addendum to all Bidders by:

- (a) publication at the Materials Management Division's Bid Opportunities internet website at <http://www.winnipeg.ca/matmgt/bidopp.asp>.

4.3 The Bidder is responsible for ensuring that he/she has received all addenda and shall acknowledge receipt of each addendum on the Request for Quotation cover page. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

4.3.1 The Bidder is advised to check the Materials Management Division's Bid Opportunities internet website for addenda shortly before submitting his/her Bid.

5. PRICES

5.1 The Bidder shall state the lump sum price in Canadian funds for the Work on the RFQ Cover Page.

5.2 Prices quoted shall be gross prices, expressed in Canadian funds, including all applicable duty, freight, cartage, tire tax, federal and Provincial Taxes (except Goods and Services Tax (GST) and Manitoba Retail Sales Tax (MRST) which shall be extra, where applicable), and charges governmental or otherwise paid and including profit and all compensation which shall be due to the Contractor for supplying labour, materials, plant and supervision not only for the classifications expressly specified, but for those which have been omitted and all details necessarily connected with the completion of the Work and all risks and contingencies

6. BID SUBMISSION

6.1 The Bid Submission consists of the following components:

- (a) Request for Quotation cover page completed and signed;
- (b) Form B: Prices;
- (c) Detailed Specification 04001; and
- (d) Questionnaire sheet.

6.2 Bids may be submitted by:

- (a) mail, courier or personal delivery to the address shown on the Request for Quotation cover page; or
- (b) facsimile transmission (fax) to (204) 949-1178.

6.2.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.

6.2.2 Bids submitted by internet electronic mail (e-mail) will not be accepted.

7. EVALUATION CRITERIA

7.1 Award of this Contract will be based on the following evaluation criteria:

- (a) conformance of the Bid with the requirements of the RFQ and degree of compliance with specifications or acceptable deviation therefrom pass/fail;
- (b) qualifications of the Bidder pursuant to 1.10 of the Terms and Conditions pass/fail;
- (c) total contract price 100%.

7.2 Further to 7.1(a), the Bidder shall, within twenty (20) Calendar Days of a request by the Buyer, provide representative samples of the goods offered.

7.3 Further to 7.1(b), the Bidder shall:

- (a) submit, within two (2) Business Days of a request by the Buyer, proof satisfactory to the Buyer of the qualifications of the Bidder and of any proposed subcontractor;
- (b) provide, on the request of the Buyer, full access to any of the Bidder's equipment and facilities to confirm, to the Buyer's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

7.4 Further to 7.1(c), total contract price will be evaluated considering early payment discounts if offered.

8. DELIVERY

- 8.1 Goods shall be delivered within 150 Calendar Days of the award of Contract, f.o.b. destination, freight prepaid.
- 8.2 The equipment shall be delivered to the City of Winnipeg, Fleet Management Agency, 770 Ross Avenue, Winnipeg, Manitoba. The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 8.3 The Contractor shall provide the Contract Administrator with a delivery schedule no later than seven (7) Calendar Days from notification of the award of the Contract.
- 8.4 A pre-delivery inspection shall be performed by the Contractor on all equipment.
- 8.5 Goods shall be delivered between 8:30 a.m. and 4:30 p.m. on Business Days.
- 8.6 The Contractor shall off-load goods as directed at the delivery location.

9. INSPECTION

- 9.1 Equipment supplied under this Contract is subject to a full vehicle inspection. Final inspection of the equipment shall be conducted as promptly as practicable. Thorough examination of the equipment and successful completion of a continuous eight-hour full-performance test by the City shall be required as part of the inspection process. At its option, the City may discontinue the process upon finding a lack of conformance to the specifications. The deficiency shall then be rectified by the Contractor and the inspection process shall then commence anew.
- 9.2 Equipment that fails to successfully complete the inspection process shall be rejected by the City and shall be removed from City property by, and at the expense of the Contractor promptly after notification by the Contract Administrator.

10. PARTS AVAILABILITY

- 10.1 In order to assure minimum downtime of the equipment, the Contractor shall maintain a stock of all replacement parts in North America, either in his own inventory or in that of an agency that normally supplies parts to the Contractor.
- 10.2 Parts shall be made available in Winnipeg by the Contractor within three (3) Business Days upon request of the City of Winnipeg.

11. WARRANTY

- 11.1 The Contractor warrants that the cab & chassis, and all parts thereof, will be free of any and all defects or deficiencies for a period of three (3) years or 60,000 km's from the date of acceptance by the City.
- 11.2 The Contractor warrants that the van body, and all parts thereof, will be free of any and all defects or deficiencies for a period of one (1) year from the date of acceptance by the City.
- 11.3 Upon notification by the Contract Administrator, the Contractor shall, at his/her sole cost and expense, remedy any defect or deficiency identified by the Contract Administrator during the warranty period and any damage that may arise or result from the defect or deficiency or as a result of the correction of same.
 - 11.3.1 Goods determined to be defective within thirty (30) Calendar Days from the date of delivery of an order shall, except when otherwise authorized by the Contract Administrator, be replaced with new and unused goods at no cost to the City. If goods are supplied as an assembly, the entire assembly shall be replaced as a whole.
 - 11.3.2 Goods determined to be defective after the first thirty (30) Calendar Days but within the warranty period specified shall, except when otherwise authorized by the Contract

Administrator, be repaired at no cost to the City. The Contractor may, at his/her option, replace the defective goods with new and unused goods at no cost to the City.

- 11.4 Notwithstanding 11.1 and 11.3 above, if any statute in force in the Province of Manitoba or in the jurisdiction where the goods were manufactured requires, or if the manufacturer provides, a longer warranty period or a warranty that is more extensive in its nature, then the provisions of such statute or manufacturer's warranty shall apply.
- 11.5 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. Upon request of the Contract Administrator, 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. A description of the service facility shall be provided within three (3) Business Days upon request by the Contract Administrator.
- 11.6 If a suitable warranty repair 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).

12. INVOICES

- 12.1 The Contractor shall submit invoices to the location designated on the Purchase Order.
- 12.2 Invoices must clearly indicate, as a minimum:
- (a) the City's Purchase Order (PO);
 - (b) shipping date(s);
 - (c) delivery address(s);
 - (d) description, quantity and unit price(s) of goods delivered;
 - (e) total amount payable with GST and PST, where applicable, shown as separate amounts; and
 - (f) where applicable, the Contractor's GST registration number.
- 12.3 The City will bear no responsibility for delays in approval of invoices that are improperly submitted.

DETAILED SPECIFICATIONS 04001

11 FT. ALUMINIUM CUTAWAY VAN BODY WITH CHASSIS
(Fire/Paramedic)

1.0 TYPE

1.1 Shall be a nominal 11 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.

3.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

3.1 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.

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

4.0 CUTAWAY VAN CHASSIS

4.1 Make and model - 2004 cutaway van chassis, state make and model being bid. _____

4.2 GVWR - 10,500 lbs. min.. _____

4.3 Wheelbase - 138 in. approx., state. _____

4.4 Cab to axle - 84 in. approx., state. _____

4.5 Engine - V8 diesel engine, state size. _____

4.6 Block heater - required with cord through grill. _____

4.7 Radiator - maximum cooling package. _____

4.8 Coolant - antifreeze to -35°C. _____

4.9 Winter front - heavy-duty vinyl w/twist lock or snap type fasteners. _____

4.10 Alternator - 130 Amp min.. _____

4.11 Batteries - two (2), 1200 combined CCA min., state. _____

4.12 Engine speed - fast idle or auxiliary idle control, state type. _____

- 4.13 Transmission - automatic. _____
- 4.14 Transmission cooling - maximum cooling package. _____
- 4.15 Front tires - radials, rib tread, load rating to match GVWR, state make, model and size being bid. _____
- 4.16 Rear tires - radials, mud and snow tread, load rating to match GVWR, state make, model and size being bid. _____
- 4.17 Wheel covers - standard. _____
- 4.18 Brakes - power. _____
- 4.19 Steering - power. _____
- 4.20 Seats - two (2) bucket seats with arm rests, cloth or cloth with vinyl trim. _____
- 4.21 Floor covering - rubber matting. _____
- 4.22 Windshield - tinted. _____
- 4.23 Heater with defroster - standard. _____
- 4.24 Air conditioning - required at front. _____
- 4.25 Tilt steering - required. _____
- 4.26 Insulation package - deluxe. _____
- 4.27 Windshield wipers - intermittent. _____
- 4.28 Side mirrors - bright swing-out recreational. _____
- 4.29 Radio - AM/FM, factory installed. _____
- 4.30 Ignition keys/door keys - three (3) sets required. _____
- 4.31 Frame pucks (isolators) - required. _____
- 4.32 Frame spacers - as required for 11 ft. body, state quantity and type. _____

- 4.33 Fuel tank - 110 L capacity minimum, fully fuelled upon delivery. _____
- 4.34 Running boards - full door length, required left and right. _____
- 4.35 Trailer towing package - as required for Class V trailer towing. _____
- 4.36 Colour - blue or grey interior, bright white exterior. _____
- 5.0 ALUMINIUM BODY DIMENSIONS**
- 5.1 Body length, interior (measured from back of cab to end of body) - approx. 132 in., state length. _____
- 5.2 Body height, interior - 78-80 in., state. _____

5.2.1 Floor height - approx. 36 in., state height. _____

5.2.2 Overall height - 120 in. max., state height. _____

5.3 Body width, exterior - 96 in. max., state width. _____

6.0 VAN BODY, EXTERIOR

6.1 Walls - smooth aluminium, 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 aluminium rivets. State construction method. _____

6.2 Roof - smooth aluminium stressed-skin, minimum 0.040 in. thick, 1-piece design. _____

6.2.1 Roof bows - hat type on 24 in. centres. _____

6.3 Floor, cross sills - full width 2" x 2" x 0.125" hollow structural steel tubing or equivalent on 16 in. centres. State material. _____

6.3.1 Floor, long sills - structural C-channels or equivalent. State material. _____

6.4 Floor insulation - 2-3 in. of spray foam insulation on underside of floor. _____

6.5 Mudflaps - aluminium or no-name, black rubber type with steel bar anti-sail brackets, installed behind rear tires. _____

6.6 Rear bumper - full width, heavy-duty step bumper, minimum 14 in. deep, approx. 10,000 lbs. towing capacity, c/w a grip strut step surface. Bumper shall be designed with a recess for a pintle hitch mount. _____

6.6.1 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. _____

6.6.2 Hitch reinforcement - "A" frame, bolted to chassis frame web. _____

6.6.3 Combination hitch - Buyers Products BH8-2000, secured with Grade-8 fasteners. _____

6.6.4 Hitch mount to be recessed such as to provide minimum intrusion into access area. _____

6.6.5 Lunette eyes for trailer safety chains - two (2) required, one on each side of hitch, located so as not to intrude in step area. Each lunette eye shall be rated at full capacity of hitch, Buyers Products B56727 or equal. _____

6.7 Exhaust - required at rear passenger's side, ahead of rear wheels, modified to accommodate Plymovent system. Exhaust tailpipe shall be 90° flush with rub-rail of body, i.e., cut square to body with a minimum of 3 in. clearance from body, mudflaps or rub-rail etc.. _____

7.0 REAR DOORS

- 7.1 Rear doors - two (2), hinged type, aluminium double skin design, approx. 78" H x 22" W complete with safety glass top & bottom. The right-side door shall overlap the left-side door. _____
- 7.2 Safety glass - two (2) per door, minimum 20" H x 14" W each with appropriate markings. _____
- 7.3 Hinges - three (3) per door, heavy duty, stainless steel. _____
- 7.4 Door latch system - manufacturer's standard slam action type latch system with locking exterior handle. State details of left and right side door latching system including interior handles/actuators. _____

- 7.5 Door stays - designed to hold doors in fully open position, "Grabber" U-style (Cast Products Inc.), no substitutes. _____

8.0 INTERIOR

- 8.1 Walls - lined with min. 1/2 in. plywood, fastened with counter-sunk screws. _____
- 8.2 Ceiling - lined with min. 3/8 in. plywood, fastened with counter-sunk screws. _____
- 8.3 Floor - extruded aluminium non-skid safety flooring. _____
- 8.4 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. _____
- 8.5 Rear inside step - required for ergonomic entry and egress, full width of rear doors. State dimensions of step. _____
- 8.6 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. Exact location to be determined at time of installation. _____

9.0 ELECTRICAL AND LIGHTING

- 9.1 All vehicle lighting shall conform to C.M.V.S.S. and Manitoba Highway Traffic Act requirements. _____
- 9.2 Supplier installed lighting shall be LED Truck Lite (except otherwise noted) and shall include the following components:
 - 9.2.1 Combination stop, turn and taillights - P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted. _____
 - 9.2.1.1 High mounted stop, turn and taillights - P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted. _____

- 9.2.2 Back-up lights - P/N 40244, one (1) per side with 40700 mounting grommets. _____
- 9.2.3 3-Light cluster - three (3) only P/N 10250R with P/N 10700 mounting grommets. _____
- 9.2.4 Clearance lights - P/N 10250R and 10250Y with P/N 10700 mounting grommets. _____
- 9.2.5 License plate lamp - P/N 15040, complete with license plate bracket. _____
- 9.2.6 Lighting harnesses - Truck-Lite 50 Series Harness system, properly routed and secured. _____
- 9.2.7 Junction box - P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside rear of truck frame. _____
- 9.3 All plug-in connectors shall be coated with Truck-Lite NYK Compound prior to assembly. _____
- 9.4 Trailer plug - 6-pole, Grote 82-1016 or equal, installed near hitch on left side, wired as coded and separately fused through the chassis manufacturer's factory auxiliary fuse panel. _____
- 9.5 Back-up alarm - STAR 62-097, 97 dB(A) rating, installed at rear of body, located to be protected from damage. _____
- 9.6 Interior lights - two (2) Grote 61511, evenly spaced, actuated through switch-panel. _____
- 9.7 Master switch - required to provide electrical power for all auxiliary functions in the switch panel. _____
- 9.8 Deep cycle batteries - two (2), 31S type deep cycle batteries, wired in parallel isolated from main chassis batteries. _____
- 9.9 Switch panel - required (in the following order) for interior lights, six (6) blank spaces labelled "Aux. 1" through "Aux. 6", and master switch. Switch panel shall be equipped with indicator lights and back lighting, Wired-Rite Systems Inc. or equal. State make and model being bid. _____
- 9.9.1 Switch panel installation - shall be wired "hot" to deep cycle batteries with 03 electrical cable. Switch panel to be located inside of van body, ergonomically mounted on passenger-side rear wall. Exact mounting location to be discussed at time of installation. _____
- 9.10 All locally installed wiring shall be colour coded, loomed, properly secured and protected from damage. _____
- 9.10.1 All electrical connectors shall be crimped and soldered to the wiring, then sealed using heat shrink tubing. _____
- 9.10.2 All joining of wires shall be soldered and sealed using heat shrink tubing (crimp on electrical connectors for joining wires are not acceptable). _____
- 9.10.3 All holes required for routing wiring shall be drilled (not punched), grommeted and sealed as required. _____

9.11 Wiring access panel - wiring for interior lights, switch panel wiring, etc. to be accessible from an access panel running along the inside corner of the ceiling.

10.0 INSTALLATION

10.1 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.

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

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

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

10.5 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.

10.5.1 Tire clearance - bumper pad clearance plus 2 in. minimum.

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

10.7 All holes for latches etc. shall be neatly cut and de-burred.

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

10.9 All interfaces between aluminium 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.

11.0 FINISH

11.1 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.

11.2 Prior to painting all surfaces shall be properly prepared.

12.0 PERFORMANCE RELIABILITY

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

12.2 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.

12.3 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.

13.0 WARRANTY

13.1 The Contractor shall warrant **all 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.

13.1.1 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 12.0 Performance Reliability). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article.

13.2 Further to 13.1, the Contractor shall warrant all equipment and all chassis 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** from the date the equipment is put into service by the City of Winnipeg.

QUESTIONNAIRE

1.0 **STATE** the delivery time of the complete order from the date of official notification of award:

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:

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

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

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

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