

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title SUPPLY & DELIVERY OF A MULTI-INCIDENT EMERGENCY RESPONSE VEHICLE

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

e-mail address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.1 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.

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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 A MULTI-INCIDENT EMERGENCY RESPONSE VEHICLE

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX QTY	UNIT PRICE	AMOUNT
1	Multi-Incident Emergency Response Vehicle	06042	Each	1	\$ _____	\$ _____
2	Technical/Service Manuals/CDs	06042	Set	1	\$ _____	\$ _____
3	Parts Manual/CDs	06042	Set	1	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____ _____						

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 06042

Multi-Incident Emergency Response Vehicle

1.0 **INTENT**

1.1 It is the intent of these specifications to describe a Multi-Incident Emergency Response Vehicle.

1.1.1 The Chassis is to be supplied by the contractor.

1.2 Eligible model acceptable to the City for the Multi-Incident Emergency Response Vehicle are;

Eldorado National Co. Axxess Bus or equivalent.

1.3 The ratings specified herein state the minimum values acceptable to the City, not implying that these values are sufficient for the design of the particular unit being bid.

1.4 Canadian Standards Association Standard CAN/CSA-D409, latest edition "Motor Vehicles for the Transportation of Persons with Physical Disabilities" and all applicable SAE/CSA standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

1.5 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.

1.6 Notwithstanding sections 1.4 and 1.5, all mounted hardware, including but not limited to, grab handles, brackets, restraint devices, mounted fixtures, etc. shall be tested to standards equal to or greater than the Emergency Medical Response & Stretcher Transportation Act.

1.7 The contractor shall furnish a letter, stamped by a registered professional engineer, indicating that the completed multi-incident emergency response vehicle complies with CAN/CSA Standard D409. The letter shall be provided at the time of delivery.

1.8 **Performance** - the multi-incident emergency response vehicle shall be capable of operating safely and efficiently performing operational requirements, during summer and winter conditions normal to the City of Winnipeg.

2.0 **SERVICE FACILITY**

2.1 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.

2.2 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 2006: \$73.50/\$103.50 hour).

3.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

3.1 The manufacturer of the Multi-Incident Emergency Response Vehicle shall have a minimum of three (3) years continuous experience manufacturing equipment of the types being offered.

Note: Upon request of the Contract Administrator, Bidders shall supply (within three (3) business days) a detailed description of the manufacturer’s experience and qualifications.

3.2 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.

3.3 The Contractor shall have a minimum of five (5) years continuous experience servicing, repairing and maintaining Multi-Incident Emergency Response Vehicles of the types being offered.

Note: Upon request of the Contract Administrator, Bidders shall supply (within three (3) business days) a detailed description of the contractors experience and qualifications.

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 state the information requested.** All deviation shall be clearly stated and fully detailed. Alternatives shall be considered in accordance with the Bidding Instructions.

4.2 Bidders shall fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

5.0 CHASSIS

5.1 Make and model – chassis, state make and model being bid. _____

5.1.1 To be a new 2006 model, state. _____

5.2 GVW Rating:

5.2.1 Gross minimum 41,900 lb, (19,005 kg), state. _____

5.2.2 Front GVWR 15,000 lb, (6,804 kg), state. _____

5.2.3 Rear GVWR (dual rear wheels) 27,760 lb (12,592 kg), state. _____

5.3 Wheelbase:

5.3.1 Minimum 275” (6,985 mm). _____

5.4 Engine

Electronic, diesel, rear mounted, Caterpillar preferred, state. _____

5.4.1 Minimum 280 hp (209 kw), state.

5.4.2 Fuel Capacity 115 gallons (523 L), state. _____

- 5.4.3 Heated Fuel filter.

- 5.4.4 Engine block heater.

- 5.4.5 Electronic throttle.

- 5.4.6 High idle assembly.

- 5.4.7 Engine hour meter – required, non-resettable type.

- 5.5 Transmission
- 5.5.1 Electronically controlled Allison Automatic 4000 series, five (5) speed automatic transmission with heavy duty water to oil heat exchanger externally mounted, state.

- 5.5.2 Transmission shall be equipped with synthetic oil, with dipstick clearly marked for service personal.

- 5.6 Front Axle
- 5.6.1 Meritor, Model FH946 I-beam type for load rating of 16,000 lb capacity, with lubricated and replaceable bushings, state.

- 5.7 Rear Axle
- 5.7.1 Meritor, Model 71000, hub piloted full floating type with drive axle design load rating of 28,600 lb (12,972 kg), fully lubricated, state.

- 5.7.2 Dual rear wheels.

- 5.8 Suspension
- 5.8.1 Kneeling front suspension with air bags, air springs and shocks.

- 5.8.2 Rear suspension, air ride with air bags, air springs and shocks.

- 5.8.3 Automatic chassis lubricator, state type.

- 5.9 Steering
- 5.9.1 Power.

- 5.9.2 Tilt steering wheel.

- 5.10 Brakes (Service)
- 5.10.1 All wheel Anti-Lock braking system.

- 5.10.2 Full air, complete with suitable engine driven compressor supplying a minimum of 13.2 CFM.

- 5.10.3 Haldex automatic adjusting slack adjusters.

5.10.4 Heated air dryer with spin-on desiccant cartridge, WABCO 1800 purge tank.

5.10.5 Wet air tank shall be fitted with a heated automatic moisture ejector, Moisture drain valve with pull cable.

5.10.6 Interlock brake switch to prevent operation of Ricon "FR2SS" lift if emergency brake is not engaged.

5.11 Brakes (Emergency, Parking)

5.11.1 Anchor Lock, Spring applied.

5.11.2 Application valve shall be mounted on the dash.

5.11.3 Manufacturer's standard parking brake.

5.12 Battery

5.12.1 Dual "8D" 2300 CCA, batteries mounted on stainless steel sliding tray.

5.13 Alternator

5.13.1 270A minimum-low speed cut-in Delco or equivalent, state.

5.14 Starter

5.14.1 24V, Delco MT Series or equivalent, state.

5.15 Tires

5.15.1 All season, radial type tires 305/70R 22.5. Size and rating shall be compatible with GVWR.

6.0 EQUIPMENT

6.1 110-Volt Compressor-on board air compressor for maintaining pressure in the air reservoirs when the vehicle is parked in a building. Electrical power for the compressor shall be provided through the charging system plug-in (7.17).

6.2 Sun Visor, driver's seat.

6.3 Driver's high back bucket recliner cloth seat USSC Air Ride 9001 with two (2) armrests, fore/aft adjustment and lumbar support, colour co-ordinated to match interior.

6.4 CSA approved seat belts.

6.5 CSA approved block heater.

6.6 Drive-line guard.

- 6.7 Factory installed air conditioning system, minimum 120,000 BTU with Carrie R134A compressor.

- 6.7.1 Air conditioning system to have the capability of being operated with A shoreline feed or utilization of on board generator. Shoreline feed shall be mounted on the curb side.

- 6.8 Centre and rear auxiliary heater, minimum 60,000 BTU each, one (1) located in rear of vehicle opposite lift door and one (1) at mid-point.

- 6.8.1 All heater hoses shall be insulated.

- 6.9 Defroster fan.

- 6.10 Mirrors, dual heated, remote operated, manufacturer's standard, rear view with built-in convex mirrors.

- 6.11 Dual electric intermittent windshield wipers with washers.

- 6.12 Dual electric horns with foot operated switch.

- 6.13 Front tow eyes.

- 6.14 Mud flaps, front and rear.

- 6.15 Necessary clearance and marker lights (all LED) to meet local Highway Regulations.

- 6.16 Siphon proof fuel tank, with lockable cap.

- 6.17 Front and rear bumpers painted to match body colour.

- 6.18 Interior driver mirror approximately 4" x 16".

- 6.19 Exhaust must exit vehicle on left (drivers) side, and be a minimum 3 meters away from any air intake system.

- 6.20 Koolatran, Model P-27, 12U refrigerator.

- 6.21 Wabasto diesel fired interior heater.

- 6.22 Two (2) 5 lb. fire extinguishers.

- 6.23 First aid kit.

- 6.24 Roadside flare kit.

- 6.25 Drivers fan, 2-speed to defrost windshield.

- 6.26 Manufacturer's standard AM/FM radio with six speakers.

- 6.27 Back-up alarm with lights and audible signal.

- 6.28 Rear mounted video camera to assist backing up.

6.29 Two Cardiac Monitoring Stations to be mounted in an easily accessible location. Location to be determined by Contract Administrator or designate at pre-build meeting.

6.30 Vehicle shall have an Ignition Immobiliser wired through the transmission range selector.

7.0 ELECTRICAL

7.1 Driver's switch panel to be located within easy access for driver.

7.2 Master electro-panel complete with manual reset circuit breakers and relays, enclosed in weatherproof box shall be easily accessible to driver.

7.3 Spare electrical circuit from electro-panel to rear of engine area.

7.4 All exterior harness connectors shall be Packard Electric Weatherpak connectors.

7.5 All Lights shall be LED unless otherwise specified.

7.6 High mount brake lights.

7.7 A Multi-Plex wiring system shall be used.

7.8 Wiring shall be numbered and function coded for easy maintenance.

7.9 Wiring shall be enclosed and secured to prevent abrasion.

7.10 Ten (10) 12VDC outlets, one (1) to each cot station.

7.11 6 KW diesel generator, Onan, or equivalent with remote switch panel. location of generator shall be co-ordinated with the Contract Administrator or designate at pre-build meeting.

7.12 Nine (9) 110v outlets – eight (8) placed throughout the interior, shielded for medical devices and one (1) placed on the exterior curb side of vehicle. location of outlets to be co-ordinated with the Contract Administrator or designate at pre-build meeting.

7.13 Whelen Model 295 HF2S electric sirens complete with two (2) 100 watt speakers.

7.14 Two (2) 2" raceway electrical channels on both sides of bus (interior) complete with access boxes at four (4) foot centres.

7.15 One (1) 2" raceway electrical channel in roof with access boxes at four (4) foot centres.

7.16 Charging system plug-in, automatic ejector type with a 0-20 Amp receptacle mounted on the front of the apparatus body on the left side, approximately 60" above ground level.

7.17 Battery charging system – on board system with a 0-20 Amp rated (preferred) automatic charger for charging the batteries from an external 120 Volt power supply.

7.18 Vehicle to be pre-cabled for G.P.S and Radio.

8.0 LIGHTING

8.1 All lighting shall comply with CMVSS and Local Highway standards.

8.2 Exterior lighting.

8.2.1 Front and rear Tomar light bars, Model 465NH Heliobe 80",with in-cab controls easily accessible to driver.

8.2.2 Eight (8) 3" x 7" LED lights positioned on sides and rear of bus.

8.2.3 Two (2) 7" x 9" LED lights.

8.2.3 Six (6) pedestal base scene lights mounted three (3) per side.

8.2.4 Two (2) Amber Strobes lights, roof mounted.

Location of all lights shall be co-ordinated with the Contract Administrator or Designate at pre-build meeting.

8.3 Interior Lighting.

8.3.1 Eight (8) 18" fluorescent interior ceiling lights recessed running above centre aisle with dimming capability.

8.3.2 Two (2) station cot lights to be mounted per station.

Location of all lights shall be co-ordinated with the Contract Administrator or Designate at pre-build meeting.

8.4 Oxygen Outlets

8.4.1 Ten (10) oxygen outlets, one to be located at each patient station.

8.4.2 One (1) Multi-port oxygen supply, with four (4) outlets, to be mounted above the rear seating arrangement. Connections shall be removable quick connect type.

8.4.3 "M" Tanks shall be mounted and accessible from the curb (passenger side of bus).

8.4.4 One (1) suction unit for each stretcher compartment capable of servicing upper and lower berths. Suction units shall have disposable canisters.

9.0 RUSTPROOFING

9.1 Complete underside of vehicle shall be rust proofed except exhaust system. certificate of guarantee shall be supplied by Vendor. Vendor will be agreed

upon by the Contact Administrator or designate at pre build meeting.

10.0 COLOUR

10.1 Exterior

10.1.1 Shall be manufacturer's standard white including body, roof, bumpers and wheels.

10.2 Interior

10.2.1 Gray Melamine.

10.2.2 Vinyl covered aluminium wall panels.

10.2.3 Padded vinyl headliner.

11.0 BODY

11.1 Headroom, Front - minimum 84", state.

Rear – minimum 65", state.

11.1.1 Interior width, minimum 90", state.

11.1.2 Exterior width, maximum 102", state.

11.1.3 Exterior height, maximum 126", state.

11.2 Body Structure

11.2.1 External skin shall be aluminium .080" thick.

11.2.2 Window frames to have welded gussets.

11.2.3 Exterior sidewalls to have removable lower skids to facilitate maintenance.

11.2.4 Body structure shall be mounted on chassis frame using rubber isolators to reduce road shock tom passenger compartment.

11.3 Doors

11.3.1 Front door, 40" double door, air operated. Vapour Glide system.

11.3.2 Curbside modesty panel and entry assist handrail at left of passenger entry.

11.3.3 Mid-body door 40" x 70" double door with hold backs, in front of axle, interior and exterior door lights and header pad.

11.3.4 Two (2) emergency exits, equally spaced, shall be incorporated in the roof.

11.4 Floor

- 11.4.1 Finished floor base $\frac{3}{4}$ " thick minimum Marine grade plywood. _____
- 11.4.2 Loncoin black spec safety floor covering with yellow nosing on entrance steps. _____
- 11.4.3 A 72" x 24" storage area to be incorporated in the centre of the rear raised floor area. Sufficient to store back boards. _____
- 11.5 Windows
- 11.5.1 Windshield, manufacturer's standard tint. _____
- 11.5.2 All side windows shall have 90% opaque covering to match colour of vehicle. _____
- 11.5.2 Laminated, tinted top "T" slider windows 39" x 43". _____
- 11.5.3 Windows, two curb side and three street side, to have aggress capability, as required by floor plan and shall be able to open manually. _____
- 11.6 Insulation
- 11.6.1 Full Polystyrene foam insulation in walls and ceiling. _____
- 11.7 Chair Lift and Stretcher restraint System
- 11.7.1 Ricon "Mirage" lift at mid-way door. _____
- 11.7.2 Supply and Install Five (5) Proflex cots and respective holders along with Five (5) Ferno #9 portable cots. (All Cots to include I.V. poles) _____
- 11.7.3 Restraints shall be provided for cots. _____
- 11.7.4 Lift controls easily accessible by operator. _____
- 11.7.5 Storage area for restraints when not in use. _____
- 11.7.6 Cot holders to be hinged for stow away storage when not in use. _____
- 11.8 Passenger Safety
- 11.8.1 Retractable seat restraints, CSA approved. _____
- 11.8.2 Stainless steel safety stanchion on left side of passenger entry. _____
- 11.9 Miscellaneous
- 11.9.1 Passenger assist stanchions at front and rear doors. _____
- 11.9.2 A seating arrangement at the front passenger side shall the capability of holding and securing a wheelchair and the remaining allowable area shall be a bench seat with storage underneath. _____
- 11.9.3 All areas recognized as being strike/contact zones shall be padded to

prevent injury.

11.9.4 Padded stanchions with modesty panels, one (1) behind driver's seat, one (1) behind entrance door and in front of isle facing seats.

11.9.5 One (1) hot water heaters located in each of front and rear bench seats.

11.9.6 Exterior entrance door light.

11.9.7 Interior storage compartments. Location to be done in co-operation with Contract Administrator or designate at pre-build meeting.

11.9.8 Two (2) individual pedestal seats located at rear of bus.

11.9.9 Four person bench seat shall be located on front curb side of bus.

11.9.10 Bench seats shall be fitted with belts for passengers.

11.9.11 Bench seats shall have storage space underneath.

12.0 PRE-BUILD MEETING

12.1 All pre-build meetings shall take place at the vendors site, at their cost, and shall include two (2) City of Winnipeg staff.

13.0 TRAINING

13.1 The Contractor shall be required to provide, at their expense, operator and preventative maintenance training by qualified staff, for City of Winnipeg operator and maintenance personnel at the time of delivery of the equipment. The training shall be conducted in a separate or combined session/s for each group of personnel. The session/s shall be sufficient in duration and shall provide adequate familiarization and orientation of the equipment, to the satisfaction of the Contract Administrator. The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator. The training shall be conducted in Winnipeg at a location designated by the Contract Administrator.

Pricing should be based on two (2) working days for maintenance personnel and two (2) working days for operating personnel.

Note: Final payment of the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

13.2 Provide VHS video tape or CD training aides on the type of equipment being offered is available.

13.3 State if other training aides are available.

14.0 MANUALS

14.1 Parts and service manuals shall be supplied with the unit when delivered. The manuals shall be in English and shall cover the complete machine including the engine (CDs preferred).

14.1.1 Operator's manual - two (2) per unit (CDs preferred).

14.2 The contractor shall include a complete PM schedule for each unit

15.0 DELIVERY

15.1 The Contractor shall fax serial numbers for all new equipment within two (2) weeks prior to delivery.

15.2 The Contractor shall give twenty-four (24) hours notice prior to delivery.

15.3 The Contractor shall insure the equipment is fully fuelled upon delivery.

15.4 Delivered complete and ready for operation no later than **52 Calendar Weeks** following notification of award of contract, destination WFMA, 770 Ross Ave., Winnipeg, Manitoba. **State.**

16.0 LITERATURE

16.1 Bidders shall submit current, descriptive detailed literature within twenty four (24) hours of the request of the Contract Administrator.

17.0 WARRANTY

17.1 Complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator.

17.2 The Contractor shall warrant **all equipment** against any defects of 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.

17.2.1 Chassis Warranty, state. _____

17.3 All incidental warranty related costs (including, but not limited to, Contractor's travel, mileage, deductibles, etc.) in executing any part of the warranty shall be the sole responsibility of the Contractor.

FORM O: QUESTIONNAIRE

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

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 including names and telephone numbers:

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:
