# PART A BID SUBMISSION

# FORM A: BID (See B7)

1.	Project Title	SUPPLY & DELIVERY BODIES	OF CUTAWAY	VANS WITH	ALUMINUM		
2.	Bidder						
		Name of Bidder		<del></del>			
		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 repres the Bidder for purposes of the Bid.					
		Contact Person	Title				
		Telephone Number	Facsimile Num	ber			
4.	Definitions	All capitalized terms user ascribed to them in the G otherwise requires.					
5.	Offer	The Bidder hereby offers Contract for the price(s), in appended hereto.					
6.	Commencement of the Work	The Bidder agrees that no a Purchase Order authorizing					

7.	Contract	deemed to be inco	hat the Bid Opportunity in rporated in and to form not all parts thereof are necession.	a part of this offer
8.	Addenda		nat the following addenda ha be deemed to form a part of	
		No	Dated	
9.	Time		n for acceptance, binding an lendar Days following the Su	
10.	Signatures	, , ,	he Bidder or the Bidder's	
			day of	, 20
		Signature of Bidder or Bidder's Authorized O		
		(Print here name and officia	l capacity of individual whose signat	ure 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**

Cutaway Van with Aluminum Body	04017	Each	3	\$			
				Ψ	\$		
in words)							

#### **FORM N: DETAILED SPECIFICATIONS 04017**

#### **CUTAWAY VAN WITH ALUMINUM BODY**

(Water & Waste)

- 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 <u>INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS</u>

- 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 – 19.500 lbs. min	

5.24	Windshield – tinted.	<del></del>
5.25	Heater with defroster – standard.	
5.26	Air conditioning – required at front.	
5.27	Tilt steering – required.	
5.28	Horn – dual electric.	<del></del>
5.29	Insulation package – deluxe, complete with headliner and door trim panels.	
5.30	Windshield wipers – electric, intermittent.	
5.31	Instrumentation:	
5.31.1	Oil pressure gauge.	
5.31.2	Engine temperature gauge.	
5.31.3	Ammeter/voltmeter.	<del></del>
5.31.4	Hourmeter.	
5.31.5	Transmission temperature gauge.	
5.31.6	Air restriction indicator – dash mounted.	
5.32	Side mirrors – break-away style, black moulded composite, 12" x 7" min. with convex section.	
5.33	Radio – AM/FM, factory installed.	
5.34	Ignition keys/door keys – three (3) sets required.	
5.35	Frame pucks (isolators) – required.	
5.36	Frame spacers – as required for 14 ft. body, state quantity and type.	
5.37	Front tow hooks – frame mounted.	
5.38	Fuel tank – 150 L capacity minimum, fully fuelled upon delivery.	
5.39	Running boards – full door length, required left and right.	
5.40	Trailer towing package – as required for Class V trailer towing.	
5.40.1	Trailer plug wiring – factory installed 7-wire harness complete with wiring to end of frame.	

reinforced and fastened with Grade 8 bolts. Mounting height shall

Trailer hitch – receiver type hitch, "A" frame design, bolted to chassis

Combination hitch insert – Buyers Products BH8-2000, height adjustable,

provide a 17-19 in. step height from ground level.

secured to insert flange with Grade-8 fasteners.

7.6.2

7.6.3

frame web.

	of Winnipeg ortunity No. 190-2004	Bid Submission Page 8 of 16
7.6.4	Hitch mount shall extend a maximum of 2 in. from rear of bumper.	
7.6.5	Lunette eyes for trailer safety chains – two (2) required, one on each side of hitch. Each lunette eye shall be rated at full capacity of hitch, Buyers Products B56727 or equal.	
7.7	Rear vertical exhaust w/muffler guard – located at passenger 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 access doors and 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. 6'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	Interior finish – Zolotone or speckled trunk paint.	
8.0	REAR DOORS	
8.1	Rear doors – two (2) doors, side hinged, aluminum double skin design, approx. 75" H x 22" W complete with safety glass top & bottom. The right-side door shall overlap the left-side door.	
8.2	Safety glass – two (2) per door, minimum 20" H x 14" W each with appropriate safety markings.	
8.3	Hinges – three (3) per door, heavy duty, stainless steel.	<del></del>
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.	
8.5	Door stays – designed to hold doors in fully open position, "Grabber" U-style (Cast Products Inc.), no substitutes.	
9.0	VALVE KEY AND STOP SIGN STORAGE COMPARTMENTS	
9.1	Driver side compartment – shall securely enclose eight (8), 15' x 4½" diameter PVC tubes, ergonomically positioned for access to valve keys. Tubes shall be mounted at a 5° angle in a false wall in the interior of the van. The compartment shall be complete with a double walled,	

aluminum construction rear access door c/w a stainless steel, 2-stage, non-locking, paddle type handle. Tubes shall provide for adequate

	of Winnipeg ortunity No. 190-2004	Bid Submission Page 9 of 16
	drainage to exterior of van for cleaning purposes.	
9.2	Passenger side compartment – shall securely enclose six (6), 6' x $4\frac{1}{2}$ " diameter PVC tubes, ergonomically positioned for ease of valve key access. The PVC tubes shall be installed in a false wall c/w a door as described in Section 9.1.	
9.3	Stop sign storage compartment – two (2) stop signs shall store in the passenger side compartment to the left of the valve keys in a separate compartment using the same door as the passenger side compartment. Stop sign storage compartment dimensions shall be approx. 6'L x 6"W.	
10.0	INTERIOR, GENERAL	
10.1	Walls – lined with $\frac{1}{2}$ in. plywood, fastened with counter-sunk screws.	
10.2	Ceiling – lined with min. 3/8 in. plywood, fastened with counter-sunk screws.	
10.3	Floor – extruded aluminum non-skid safety flooring.	
10.4	Insulation – urethane spray-on foam, minimum 1 in. thick in walls and ceiling, minimum 2 in. thick under floor, rear doors shall be insulated as much as practicable.	
10.5	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.	·
10.6	Bulkhead – full width, 12 ga. aluminum with sufficient soundproofing, or plywood bulkhead.	
10.6.1	Bulkhead shall be designed to permit full rearward seat travel with the seat in a comfortable reclined position. A 1-in. space shall be provided between the bulkhead and the seat to prevent rubbing.	
10.6.2	Bulkhead door – centre, sliding door with two (2), minimum 18" x 18" Lexan windows. Lower window shall be located to provide driver rear visibility when bulkhead door is closed. Door shall be designed in a secure manner to prevent rattling.	
11.0	INTERIOR LAYOUT & SHELVING	
11.1	Shelving material – 10-gauge aluminum min., state gauge.	
	Roadside Interior – Figure 1 attached.	
11.2	Workbench – 80"L x 22"W x 38"H approx., located directly behind bulkhead providing three (3) separate compartments. Workbench shall be complete with a minimum ⅓ in. thick hardwood surface. (See Figure 1).	

<u>Note:</u> 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.	
11.2.1	Compartment 1 – approx. 32 in. width c/w swing-out latchable doors. Compartment shall be equipped with two (2) shelves, full width and full depth c/w a centre, full height vertical divider. Shelves shall also be equipped with a 2 in. lip, height adjustable at 3 in. increments.	
11.2.2	Compartment 2 – approx. 16 in. width, including three (3), 12 in. drawers on medium duty rollers. Drawers shall pull-out approx. 14 in. from face of cabinet.	
11.2.3	Compartment 3 – approx. 32 in. width c/w swing-out latchable doors. Compartment shall be equipped with one (1) centre, horizontal shelf, full width and full depth. Shelf shall be equipped with a 2 in. lip.	
11.3	Storage bin – shall mount on top of workbench along wall, generally as shown in Figure 1.	
11.4	Steamer – Washex model M22, supplied and installed at rear driver's side corner of van c/w applicable Manitoba Department of Labour certification.	
	Washex 3-850 Marion Street Winnipeg MB R2J 0K4 (204) 233-9600	
11.4.1	Water tank – polyethylene tank, 150 L capacity approx., exact size and configuration to be determined at time of installation.	
11.4.2	Steam hose – 50 ft. of $\frac{1}{2}$ in. ID steam hose, pressure and temperature rated for steamer.	
11.4.3	Steamer hose storage spool – shall safely and ergonomically store 50 ft. of steam hose, hand-crank type, retractable.	
	<u>Curbside Interior</u> – Figure 2 attached	
11.5	Locker – 78"H x 24"W x 30"D approx., located directly behind bulkhead. Door not required.	
11.5.1	Shelf – located 12 in. from top of locker, full width and full depth, c/w a $1\frac{1}{2}$ in. lip.	
11.5.2	Coat hooks – six (6) required, two (2) hooks per side.	
11.6	Pullout drawer – located at or near floor level, generally as shown on Figure 2.	
11.7	Barricade storage brackets – 87 in. spacing required for mounting "City of Winnipeg" barricades, c/w rubber lining, located directly behind locker, passenger side.	

11.7.1	Barricade stand storage box – located on top of pullout drawer, 22"W x 20"H x 24"D approx., 1½ in. angle iron frame construction with a 16 ga. sheet metal front plate.	
11.8	Metal detector storage box – aluminum construction, 44"L x $6\frac{1}{2}$ "H x $6$ "D, located above rear heater c/w hinged, latchable lid.	
11.9	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 airflow 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.	
11.9.1	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.	
11.9.2	Rear heater control – shall be ergonomically located within driver's reach and easily serviceable. Exact mounting location to be determined at time of installation.	
12.0	ELECTRICAL AND LIGHTING	
12.1	All vehicle lighting shall conform to C.M.V.S.S. and Manitoba Highway Traffic Act requirements.	
12.2	Supplier installed lighting shall be LED Truck Lite (except where otherwise noted) and shall include the following components:	
12.2 12.2.1		
12.2.1	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with	
12.2.1 12.2.2	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  High mounted stop, turn and taillights – P/N 44302R, one (1) per side	
12.2.1 12.2.2 12.2.3	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  High mounted stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.	
12.2.1 12.2.2 12.2.3 12.2.4	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  High mounted stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  Turn signal flash rate – 70-90 flashes per minute.  Back-up lights – P/N 44206C, one (1) per side with 40700 mounting	
12.2.1 12.2.2 12.2.3 12.2.4 12.2.5	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  High mounted stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  Turn signal flash rate – 70-90 flashes per minute.  Back-up lights – P/N 44206C, one (1) per side with 40700 mounting grommets.  3-Light cluster – three (3) only P/N 10250R with P/N 10700 mounting	
12.2.1 12.2.2 12.2.3 12.2.4 12.2.5 12.2.6	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  High mounted stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  Turn signal flash rate – 70-90 flashes per minute.  Back-up lights – P/N 44206C, one (1) per side with 40700 mounting grommets.  3-Light cluster – three (3) only P/N 10250R with P/N 10700 mounting grommets.  Clearance lights – P/N 10250R and 10250Y with P/N 10700	
12.2.1 12.2.2 12.2.3 12.2.4 12.2.5 12.2.6 12.2.7	noted) and shall include the following components:  Combination stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  High mounted stop, turn and taillights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recessed mounted.  Turn signal flash rate – 70-90 flashes per minute.  Back-up lights – P/N 44206C, one (1) per side with 40700 mounting grommets.  3-Light cluster – three (3) only P/N 10250R with P/N 10700 mounting grommets.  Clearance lights – P/N 10250R and 10250Y with P/N 10700 mounting grommets.	

12.14 Side mounted scene lights – two (2) Whelen 90E000ZR c/w trim ring, installed near roofline, one (1) per side, mounted approx. 4 in. to the

rear of the warning lights, switch panel actuated.

Welding or drilling on chassis frame flanges and welding on chassis frame

to fit bolts, no exceptions.

web is not permitted.

13.4

The City Bid Oppo	Bid Submission Page 14 of 16					
13.5	manı limite	nting of the van body shall be in accordance with the chassis ufacturer's guidelines for body mounting, including, but not ed to, guidelines for tire and suspension clearance and fuel installation.				
13.5.1	Tire	clearance – bumper pad clearance plus 3 in. minimum.				
13.6		van body shall be mounted as low as practicable and shall porate wheel wells.				
13.7	All ho	oles for latches, outlets, etc. shall be neatly cut and de-burred.				
13.7.1	All ed	dges and corners shall be rounded to prevent accidental injury.				
13.8	a mir	terfaces between aluminum and steel shall be separated by nimum of 1/16 in. thick rubber or neoprene sheet and are to bited through with stainless steel bolts and non-conductive ings.				
14.0	<u>FINISH</u>					
14.1	The of	complete van body shall be properly cleaned, primed and finished as vs:				
	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)	Roof – coated with Morgan NS non-skid coating.				
	iv)	Rear bumper – painted with two (2) coats of grey or argent enamel.				
14.2	Prior	to painting all surfaces shall be properly primed and prepared.				
15.0	PERFORMANCE RELIABILITY					
15.1		responsibility for the design of the complete unit, its performance reliability shall rest upon the Contractor.				
15.2	same breal requi warra	term "repeat failures" as used herein is defined to mean that the ecomponent, subassembly, or assembly develops repeated defects, adowns and/or malfunctions rendering the unit inoperative, or red repeated shop correction, service and/or replacement during the anty period applicable for said component, subassembly, or assembly. It 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.

The City Bid Oppo	Bid Submission Page 15 of 16	
15.3	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.	
16.0	WARRANTY	
16.1	The Contractor shall warrant <b>all body equipment</b> and all parts therof, 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 <b>one (1) year</b> from the date the equipment is put into service by the City of Winnipeg.	
16.1.1	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 15.0 <u>Performance Reliability</u> ). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article.	
16.2	Further to 16.1, the Contractor shall warrant <b>all chassis equipment</b> 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 <b>three (3) years or 60,000 km</b> bumper to bumper (lights excluded) from the date the equipment is put into service by the City of Winnipeg.	
17.0	MANUALS	
17.1	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:	
17.1.1	Operator's manual – one (1) per unit. Operator's manuals are required for cab & chassis, steamer, inverter and heater.	
17.1.2	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.	
18.0	PRODUCTION DRAWINGS	
18.1	Drawings – the Contractor shall submit for approval, detailed production drawings of the interior and exterior of the van body prior	

to construction.

## **FORM O: QUESTIONNAIRE**

STATE the delivery time of the complete order from the date of official notification of award: (See D5.1)
<b>LIST</b> any significant features that will be supplied standard on the unit being offered, but were not specifically mentioned in the Detailed Specifications:
LIST three current users of the offered model:
STATE the location of the cab & chassis service facility:
STATE the location of the body service facility:
Does the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?
LIST any deviations that might be considered less than equal to the Detailed Specifications: