

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title SUPPLY & INSTALLATION OF A WELDING TRUCK BODY

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.

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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)

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FORM B: PRICES
 (SEE B8)

SUPPLY & INSTALLATION OF A WELDING TRUCK BODY

PLEASE NOTE: This contract will be awarded as a whole

UNIT PRICES When entering prices into the table below, **prices shall include** Tire tax (if applicable)
 When entering prices into the table below, **do not include**
 Federal and Provincial Taxes (Goods and Services Tax (GST) and Manitoba Retail Sales
 Tax (PST)). These taxes shall be extra See Clause B8.1

ITEM	DESCRIPTION	SPEC. REF.	APPROX QUANTITY	TOTAL BID PRICE <i>(in FIGURES)</i>
1	SUPPLY & INSTALLATION OF A WELDING TRUCK BODY	04-037	1	\$ _____

(in WORDS) -

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 04-037

WELDING TRUCK BODY & ACCESSORIES

1.0 SCOPE

1.1 These specifications describe the supply and installation of a steel deck with mounted fibreglass and aluminium side packs on a City owned chassis (see Section 16.0 Installation for chassis description). The chassis shall also be fitted with an under-hood air compressor and a deck mounted welder.

2.0 OTHER SPECIFICATIONS AND STANDARDS

2.1 Any purchased and installed equipment shall conform to and be certified with CSA standards. All applicable SAE, CSA and ULC standards shall form an integral part of these specifications, and shall have precedence in any conflict concerning minimum acceptable standards.

2.2 The completed welding truck body and accessories, as well as the cab and chassis 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.

Note: Bidders may be requested to provide a detailed description of the manufacturer's quality control program.

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 2005: \$65.00/hour).

3.3 Located of the service facility located within 10 km of the boundaries of the City of Winnipeg.

The Bidder shall choose and fill in **one** of the Clauses listed below. --- **3.3 a) OR 3.3 b)**

3.3. a) Bidder's own facility location. State the location of the service facility below.

3.3. b) Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

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 Bidders are required to bid on all items in this contract.

4.3 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 QUALIFICATIONS and CERTIFICATION of the MANUFACTURER / CONTRACTOR

5.1 The Bidder/manufacturer must be a certified vehicle completer and must affix their National Safety Mark (NSM) certification sticker on each unit.

STATE NSM number: _____

5.2 The Bidder/manufacturer must be certified with the Canadian Welding Bureau to standards **W 47.1–03**. All welding of steel shall be in accordance with all the requirements of W 47.1–03.

6.0 NOMENCLATURE - for the purpose of this specification:

L Length along or parallel to the chassis (longitudinal axis of chassis)

H Height vertical

D **Depth on horizontal plane across vehicle**

Front Direction towards the cab of vehicle

Rear Direction towards the trailer hitch of vehicle

7.0 MAIN DECK ASSEMBLY

7.1 Deck - 3/16 INCH steel plate , coated with Safetex Ferrox.

7.1. a) Prior to finish coat, steel deck shall be properly sandblasted, primed and prepared.

7.2 Deck width – 90 INCH approx.

7.3 Deck length – 132 INCH approx

7.4 Deck hooks – Buyers Product 7622BP, flush-mounted, four(4) in total (for strapping equipment to deck). Mounting locations to be determined at time of installation.

7.5 **Bulkhead to protect cab** – To be installed on deck area at the rear of the cab spanning the full width of the cab.

7.5. a) **Bulkhead Frame** - 1 1/2 INCHES × 1 1/2 INCHES × 3/16 INCH steel tube, sandblasted and primed with two coats of polyurethane enamel, painted grey in color.

7.5. b) **Bulkhead Body**

7.5 b i) Upper half, from top to bottom of window on cab – to be constructed of expanded metal.

7.5 b ii) Lower half, from deck to bottom of window on cab – to be constructed of 3/16 INCH steel plate, sandblasted and primed with two coats of polyurethane enamel, painted grey in color.

7.6 **Under Deck compartment** - 24 INCHES L × 6 INCHES H × 90 INCHES D mounted “transversely” across the full width of the chassis, under the deck and located at the rear.

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7.6. a) Compartment floor – 1/8 INCH steel plate, reinforced as required to carry steel stock

7.6. b) Compartment doors. 3/16 INCH Aluminum checkerplate. Two(2) in total, one on each side of truck (each side of compartment).

7.6 b i) Doors to be five(5) INCHES in height, with fold-down type with heavy duty stainless steel hinges and stainless steel latches. Grease fittings required on bottom of each hinge.

7.7 Rear cross sill - minimum 8 INCH structural steel channel, reversed to protect lights. Lights to be recessed into channel.

7.8 Mudflaps - no name, fabric reinforced, black rubber mudflaps installed fore and aft of rear tires, secured with 3/8 INCH diameter steel bar anti-sail brackets.

8.0 SIDE PACKS & COMPARTMENTS

8.1 Locks on all fibreglass side packs and compartments shall be keyed alike.

8.2 Locks on all "Weatherguard" (brandname) aluminum tool chests shall be keyed alike.

8.3 GENERAL LAYOUT OF COMPARTMENTS – Driver’s Side (D) – (see PART E – DRAWING) :

8.3. a) Vertical compartment # 1..... (D1) – positioned at the front of the deck..... mounted above and below deck

8.3. b) Vertical compartment # 2 (D2) – positioned next to D1 mounted above and below deck

8.3. c) Horizontal compartment # 3 . (D3) – positioned at the rear of the deck mounted below deck

8.4 GENERAL LAYOUT OF COMPARTMENTS – Passenger’s Side (P) – (see PART E – DRAWING) :

8.4. a) Horizontal compartment # 1 . (P1) – positioned at the front of the deck..... mounted below deck

8.4. b) Vertical compartment # 2..... (P2) – positioned next to P1, mounted above and below deck

8.4. c) Vertical compartment # 3..... (P3) – positioned next to P2, mounted above deck

8.4. d) Horizontal compartment # 4 . (P4) – positioned at the rear of the deck..... mounted below deck

8.5 SIDE PACK & COMPARTMENT MATERIAL

8.5. a) Side packs D1, D2 and P2, shall be sealed cabinets/compartments to be constructed from fibreglass.

8.5. b) Side packs D3, P1, P3 and P4, shall be "Weatherguard" (brandname) aluminum tool chests. The chests shall be sealed cabinets/compartments to be constructed from checkerplated aluminum and painted with clear coat.

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8.6 DRIVER'S SIDE (D) – Compartment layout.:

- 8.6. a) Vertical compartment # 1 (D1) - Approximately. 31 INCH L x 63 INCH H x 18 INCH D. Three(3) adjustable shelves located at the top of the compartment with a maximum of 10 INCHES of space allowed for each. Two (2) fixed hooks on each side wall and four (4) fixed hooks on rear wall (8 total), mounted below shelves.
- 8.6. b) Vertical compartment # 2 (D2) - 31 INCH L x 63 INCH H x 18 INCH D approx. with five (5) height adjustable shelves.
- 8.6. c) Rear compartment # 3 (D3) - 24 INCH L x 18 INCH H x 18 INCH D approx., under-deck-mounted behind rear axle.

8.7 PASSENGER'S SIDE (P) – Compartment layout.:

- 8.7. a) Front compartment # 1 (P1) - 30 INCH L x 18 INCH H x 18 INCH D approx., under-deck mounted behind rear axle.
- 8.7. b) Vertical compartment # 2 (P2) – Oxy – Acetylene – Compartment 31 INCH L x 63 INCH H x 18 INCH D approx., properly vented. Bottom shall be lined with 3/4 INCH plywood and heavy duty rubber matting.
 - 8.7 b i) Equipped with brackets to positively secure one (1) size 23 Acetylene bottle and one (1) size 44 oxygen bottle while transporting. Bottles will be “Al Top” brand name make and supplied by the City.
- 8.7. c) Vertical compartment # 3 (P3) - 24 INCH L x 18 INCH H x 18 INCH D approx. with three (3) pullout shelves located in the upper half of the compartment.
- 8.7. d) Rear compartment # 4 (P4) - 24 INCH L x 18 INCH H x 18 INCH D approx., under-deck mounted behind rear axle.

9.0 OTHER SPECIFICATIONS PERTAINING TO FIBREGLASS SIDEPACKS (D1, D2 and P2)

- 9.1 Chromed or stainless steel door latches - flush mounted with locks for all compartment doors.
- 9.2 Compartment door handles - Tri-Mark chrome paddle type (no substitutions), except P1 which shall have D-ring type.
- 9.3 Chromed or stainless steel hinges and latches - with adjustable striker plates.
- 9.4 All compartment door openings shall be sealed using automotive, bulb type, rubber gaskets.
- 9.5 All doors shall have rigid rod type holdbacks.
- 9.6 Drip moulding - installed above all door openings.
- 9.7 Shelving: Fibreglass with a 2 inch front and rear lip. All edges shall be finished. Adjustable shelving shall be adjustable in 2 to 3 inch increments. Dividers shall be fibreglass.
- 9.8 All compartment floors (with the exception of P2), shall be protected with perforated dry deck plastic matting.

9.9 Deck sides and kickplates caulked along edges using elastomeric sealant. _____

9.10 Protection plates for Fibreglass Compartments - 3/16 inch thick aluminum checkerplate to be installed on the exterior faces of the fibreglass compartments that are at risk of damage on the deck area.
The plates shall be sized and installed to the full height and width of the compartments.
Location of plates to be outlined in Clauses 10.0 and 11.0 . _____

10.0 LOCATION OF PROTECTION PLATES FOR FIBREGLASS COMPARTMENTS – Driver’s Side (D):

10.1. a) Vertical compartment # 1(D1) two sidesfront side and inner side within deck

10.1. b) Vertical compartment # 2(D2) two sides rear side and inner side within deck

11.0 LOCATION OF PROTECTION PLATES FOR COMPARTMENTS – Passenger’s Side (P):

11.1. a) Vertical compartment # 2.....(P2) one side.....inner side within deck

12.0 KICKPLATE, REAR TWO(2) PIECE STEP BUMPER , UPPER STEPS and HITCH

12.1 Kickplate, rear – 3/16 INCH aluminum checkerplate, full width between rear cross sill and bumper, reinforced as required. _____

12.2 Rear two(2) piece step bumper –
12.2. a) Frame Material - 2 1/2 INCH x 2 1/2 INCH x 1/4 INCH, steel square tubing. _____

12.2. b) Two(2) piece, heavy duty step type, tubular steel construction tapered at outer ends, with 7 INCH grip strut step surface and a recess for a pintle hitch mount. _____

12.2 b i) Each step to be approximately 40 INCHES wide at the kickplate, tapered on each side to a width of approximately 24 INCHES. _____

12.2 b ii) Each step to be approximately 7 inches deep. _____

12.2 b iii) Each step to be approximately 2 inches high. _____

12.2. c) All pieces to be made from steel sandblasted and primed with two coats of polyurethane enamel, painted grey in color. _____

12.3 Upper Steps – Two (2) foot steps measured to be 7 INCHES by 7 INCHES square and made from 8 INCH grip strut. Steps to be mounted under the rear cross sill, each one mounted 10 INCHES from the rear centre line of the truck. (i.e. 20 INCHES from each other). _____

12.3. a) All pieces to be made from steel sandblasted and primed with two coats of polyurethane enamel, painted grey in color. _____

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12.4 Hitch - "A" frame hitch reinforcement - minimum 2 INCH X 2 INCH X 1/4 INCH angle iron, welded to back of bumper and bolted to chassis frame web with Grade-8 bolts, washers on both sides and lock nuts.

12.4. a) Hitch plate – 1/2 INCH thick solid steel, (laminated plates unacceptable), installed to chassis frame.

12.4. b) Combination pintle and ball - Buyers Products BH8 2000 or approved equal.

12.4 b i) Mounted to hitch plate and bolted with Grade-8 bolts, washers on both sides and lock nuts.

12.4 b ii) Two (2) INCH ball.

12.4 b iii) Mounted so that there is twenty and one half (20 1/2 INCHES) to the top of the ball.

12.5 Lunette eyes (for trailer safety chains) – two (2) Buyers Products B56729 or equal, mounted 12 INCHES either side of hitch.

13.0 WELDER (to be supplied by the City and mounted by the Contractor)

Type - Lincoln Ranger 10,000

13.1 Mounting location – Mounted on the passenger side, behind the bulkhead. Controls for the machine shall be facing outward, (toward the perimeter of the truck), to enable the operator to have access to the controls from the curb.

13.1. a) The welding machine shall be mounted approximately eight (8) INCHES from the rear of bulkhead and approximately two (2) INCHES from compartment **P2**. Exact Mounting location to be determined at time of installation.

13.1. b) The welding machine shall be fastened to the deck using plated studs and nuts. The deck shall be reinforced as required.

13.1. c) Machine must be able to be removed for servicing of unit.

13.2 Engine oil drain shall be remote mounted through the deck floor to a serviceable location. The drain line shall be protected by a steel pipe.

14.0 UNDER-HOOD COMPRESSOR AND AIR HOSE

14.1 The Contractor shall supply the following make of under-hood mounted, belt driven, screw type compressor

V Mac – Model VR 7000 Series

14.2 Engine speed control - operable when compressor clutch is engaged, wired through chassis neutral safety switch.

14.3 The Contractor shall supply the following make of air hose reel – **Reelcraft OR equivalent.** State make and model being bid.

14.3. a) The air hose reel shall be the enclosed type and self-rewinding, complete with 1/2 INCH X 50 FOOT air hose, installed above compartment **P3**.

Template Version: G320040301

14.3. b) Ball valve - required at hose reel air inlet.

14.4 Filter/regulator and lubricator – 1/2 INCH combination unit, protected from damage. Mounting location to be determined at time of installation.

15.0 ELECTRICAL AND LIGHTING

15.1 All vehicle lighting shall conform to C.M.V.S.S. and Manitoba Highway Traffic Act requirements.

15.2 Supplier installed vehicle lighting shall be **Truck-Lite** and shall include the following components:

15.2. a) Combination turn/stop and taillights - P/N 44302R with P/N 40700 grommets, installed in outside ends of rear cross sill.

15.2. b) Backup lights - P/N 44206C with P/N 40700 grommets, installed in outside ends of rear cross sill.

15.2. c) Light cluster - three (3) P/N 10250R with P/N 10700 grommets, protected to prevent damage.

15.2. d) Clearance lights - P/N 10250Y with P/N 10700 grommets.

15.2. e) License plate light - P/N 15040, complete with licence plate bracket.

15.2. f) Harnesses - "Sealed Harness System" type, properly routed and secured.

15.2. g) Junction box - P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside rear of truck frame.

15.2. h) All plug-in connectors shall be coated with Truck-Lite NYK compound prior to assembly.

15.2. i) Taillights and reverse lights shall be housed in a steel enclosure welded to rear cross sill.

15.3 Back-up alarm - **Star** Model 62 – 097, installed at rear of unit and located to be protected from damage.

15.4 Mini Light Bar – one (1) **Grote** Model 76813, mid-mounted on roof rack. Dash mounted switch, wired through ignition, labelled with a permanent engraved style label.

15.5 Work Lights – two (2) **Truck-Lite** Model 80934, mounted on storage rack immediately below beacons. Dash mounted switch, wired through ignition, labelled with a permanent engraved style label.

15.6 Trailer connector plugs – two (2) required, one (1) 7-way connector **Grote** 82-1058, and one (1) 6-way connector **Grote** 82-1016, each wired to code and installed in hitch plate.

15.7 Electric Brake Controller – supplied and installed, state make and model being bid.

15.8 All wiring for locally installed accessories shall be colour coded, loomed and properly secured.

15.8. a) All electrical connectors shall be crimped and soldered, then sealed using heat shrink tubing.

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

15.10 Any holes required to run wires through shall be drilled (not punched), grommetted and sealed as necessary.

16.0 INSTALLATION

16.1 The Contractor shall install the equipment in accordance with the specifications, on a chassis supplied by the City of Winnipeg.

A general description of the chassis is as follows:

- 2005 Ford F-450 cab & chassis
- 15,000 lbs. GVWR
- Dual rear wheels
- Regular Cab
- 84 INCH CA, 165 INCH wheelbase
- 4 × 4
- V-10, 6.8 litre gas engine, automatic transmission

16.2 Welding to truck chassis frame is not permitted. Drilling on chassis frame flanges is not permitted.

16.3 Mounting of the side packs 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.

16.3. a) The fibreglass and aluminum side packs shall be mounted to the steel deck using cadmium plated carriage bolts and fender washers. Bearing plates shall be used in high stress areas.

16.3. b) Within 3 working days of the request of the Contract Administrator, Bidders shall supply with their bid, a diagram a description showing the body manufacturer's recommended body and deck to chassis mount.

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

16.5 The compressor and all accessories shall be installed in accordance with the manufacturer's recommendations and shall be complete and ready for operation.

16.6 Any holes required in chassis frame web must be drilled and reamed to fit bolts.

16.7 Departure angle of completed unit - state angle.

Template Version: G320040301

17.0 **STORAGE RACKS**

17.1 **Front Steel Storage Rack**

17.1. a) Material - steel construction 3/16 inch thick, 1 1/2 inch x 1 1/2 inch square tubing.

17.1. b) Dimensions and Location – 10 FEET L x 36 INCH W, with cross braces required on nominal 5 FOOT centres. Rear cross brace shall be bolt-on, removable type. Rack shall be centred along length of deck.

Rear of the front storage rack shall be positioned approx. 78 INCHES measured forward from rear of deck.

Front portion of rack shall be cantilevered over chassis cab.

A 3/16 INCH steel plate (6 INCHES high and 36 INCHES wide), shall be installed at the front of the storage rack that is cantilevered over chassis cab to prevent stock material from moving forward when the vehicle is braking.

17.1. c) Storage rack sides - approx. 6 INCH H, tapered towards front. Front shall be open for storage of longer material. Design to be approved at pre production meeting.

17.1. d) Vertical supports required at rear, between cab and body and between the aforementioned supports. Rear and centre supports shall have steel foot pads bolted to the deck, four (4) bolts per pad. Deck shall be reinforced on the underside with steel plates.

17.1. e) Eyelets – five (5) on each side spaced two (2) feet apart mounted along the length of storage rack, for tying off material. Mounting location to be determined at time of installation.

17.1 e i) Thickness of eyelet approximately 3/8 INCH (chain link design).

17.1 e ii) Inner diameter dimensions of eyelets approximately 3/4 INCH x 1 1/2 INCHES.

17.1. f) 2 INCH ratchet straps – mounted at three (3) locations. Mounting locations to be determined at time of installation.

17.2 **Rear Steel Storage Rack - Removable**

17.2. a) Material - steel construction 3/16 INCH thick, 1 1/2 INCH x 1 1/2 INCH square tubing.

17.2. b) Dimensions and Location – 36 INCH W, and the same height as the front steel storage rack. When installed the rack shall be located at the rear of the deck centred along length of deck.

17.2. c) Rear rack shall be installed so that it countersinks 4 INCHES into the surface of the deck, with a friction fit and be removable by hand without the use of tools. The rear rack shall have no bolts. The racks shall be held in place with a quick release fastening device such as a latch. State method of fastening device.

Template Version: G320040301

17.3 Finish

- 17.3. a) Storage racks to be sandblasted, primed and painted with two coats of polyurethane enamel, grey in color.

18.0 MISCELLANEOUS

- 18.1 Grab handles - located at rear of body, each side, for access to deck, exact mounting location to be determined at time of installation. Preferably flush mount.

- 18.2 Oxygen and acetylene hose storage - storage provision for 50 FEET of 1/4 INCH ID siamese welding hose, located in compartment **P2**. (Hose not required).

- 18.3 Vice - Record No. 6, swivel type, 6 INCH, bolted to deck at rear, exact mounting location to be determined at time of installation.

- 18.4 Pipe vice – 1/4 INCH to 6 INCH, swivel type, bolted to deck at rear, exact mounting location to be determined at time of installation.

- 18.5 Extension cord reel – enclosed type, retractable and complete with 150 FEET of 10/3 wired cable, exact mounting location to be determined at time of installation.

- 18.6 Welding cable - two (2) reels, Gleason Reel, Cat No. W19–X01–K0813 or equivalent. State make and model being bid.

- 18.6. a) Welding Cable – each reel shall have 81 FEET of **1/0** welding cable.

- 18.6. b) Mounting – reels shall be stacked together, vertically (i.e. one above the other). Mounting location to be determined at time of installation.

- 18.6. c) Routing – welding cable shall be provided and routed from the welding machine to the reels with the welding cable concealed.

- 18.7 Deck perimeter rails – sandblasted, primed and painted with two coats of polyurethane enamel, grey in colour.

- 18.8 Steel rack – sandblasted, primed and painted with two coats of polyurethane enamel, grey in colour.

- 18.9 Fire extinguisher – Type ABC, 5 lb., to be mounted by City.

19.0 FIBREGLASS SIDE PACKS - COLOUR

- 19.1 Side packs gelcoat colour impregnated to match chassis cab colour.

20.0 PERFORMANCE RELIABILITY

- 20.1 The responsibility for the design of the complete equipment, its performance and reliability shall rest upon the Contractor.

- 20.2 The term “**repeated failures**” as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the equipment inoperative, or

requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, or assembly.

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 schedule.

- 20.3 Where the equipment develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

21.0 WARRANTY

- 21.1 The Contractor shall warrant all equipment, and all parts thereof, 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.

22.0 MANUFACTURER'S LITERATURE and MANUALS

- 22.1 Bidder shall include manufacturer's literature on the fibreglass and aluminum side packs being bid and the air compressor specified air compressor - (V Mac – Model VR 7000 Series).

FORM O: QUESTIONNAIRE

1.0 STATE the delivery time of the order that is within **one hundred and eighty (180) calendar days** from the date of official notification of award of Contract. (See D5.1)

ITEM 1 _____ weeks.

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

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