

**FORM A: BID**  
(See B8)

1. Contract Title TRANSFER AND REFURBISHING OF ALUMINIUM SERVICE BODIES

2. Bidder

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

\_\_\_\_\_  
Usual Business Name of Bidder as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

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

\_\_\_\_\_  
Email Address of Bidder

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

(Mailing address if different)

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

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

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

\_\_\_\_\_  
GST Registration Number (if applicable)

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

\_\_\_\_\_  
Email Address

4. Definitions

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

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/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

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.

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 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 B9)

TRANSFER AND REFURBISHING OF ALUMINIUM SERVICE BODIES

UNIT PRICES

| ITEM NO. | DESCRIPTION   | SPEC. REF. | UNIT | QUANTITY | UNIT PRICE |
|----------|---|------------|------|----------|------------|
| 1.       | Transfer and Refurbishing of Aluminium Service Body | 17001      | Each | 2        |            |

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

## FORM N: DETAILED SPECIFICATIONS 17001

### **TRANSFER AND REFURBISHING OF ALUMINIUM SERVICE BODIES**

#### **1.0 SCOPE**

- 1.1 These specifications describe the transfer and refurbishing of two (2) 2001 model year, City owned ITB aluminium service bodies from old to new cab & chassis vehicles. Additional work, not described in these specifications, but which is required to complete the transfers to an “almost new” condition, shall be performed on a cost plus basis.
- 1.2 Once the transfers have been completed by the Successful Bidder, the units shall be fully ready for operation. All questionable parts throughout the transfer that are not specifically mentioned in these specifications, but which are required to complete and place the unit into successful operation, shall be communicated to the Contract Administrator, who shall determine whether specific parts are to be transferred, repaired, or replaced. The completed units and all parts thereof, shall conform in strength and quality of material and workmanship to the best standards of the industry.
- 1.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the unit.
- 1.4 The ratings specified herein merely state the minimum values acceptable to the City. There is no intent of implying that these values are sufficient for the design of the unit being bid.
- 1.5 Bidders are encouraged to view the aluminium service bodies and new cab & chassis vehicles prior to submitting a bid. To make an appointment to view the units, contact the Contract Administrator in D4.

#### **2.0 STANDARDS**

- 2.1 The re-mounted, transferred and refurbished service bodies shall comply with the following applicable regulations:
- National Safety Mark, NSM
  - Manitoba Safety and Health Act, Parts 12, 22
  - Canadian Standards Association, CSA
  - Under Writers of Canada, U/L
  - Society of Automotive Engineers, SAE
- 2.2 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.3 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.
- 2.4 All welding shall conform to the CSA/CWB Standards W47.1-03 and W59-03.

#### **3.0 QUALIFICATIONS OF BIDDER**

- 3.1 The work to be performed requires thorough knowledge of and experience with aluminium service body vehicles, body transfers and refurbishing.

3.2 The Bidder must have a National Safety Mark from Transport Canada. Transport Canada National Safety Mark is a label that the modifications are compliant with all current Canadian Motor Vehicle Safety Standards (CMVSS).

**State NSM #.** \_\_\_\_\_

#### **4.0 MANITOBA SAFETY INSPECTION**

4.1 The completed vehicles shall be complete with a current Manitoba Safety Sticker affixed to the driver's side vent window.

#### **5.0 CAB AND CHASSIS**

5.1 The new cab and chassis vehicles shall be supplied by the City of Winnipeg. A description of the chassis is as follows:

- 2016 Ford F-550
- 19,500 lbs. GVWR
- Crew Cab
- 4wd
- Diesel engine
- Dual batteries
- 60 in. CA
- Colour, Ford Oxford White Z1
- 225/70R 19.5 tires
- Running boards
- Auxiliary dash mounted switches
- Tow package with wiring, trailer plug (uninstalled) and OEM brake controller
- Complete with flare kit, fire extinguisher and first aid kit

5.2 The cab and chassis vehicles will be available to the Contractor immediately after the award of this Contract.

#### **6.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

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

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

#### **7.0 ALUMINIUM SERVICE BODY TRANSFER**

7.1 Remove service body from old chassis and mount onto new chassis. \_\_\_\_\_

7.2 Service body shall be mounted in accordance with chassis manufacturer's guidelines for body mounting, including, but not limited to, guidelines for fuel filler installation and tire and suspension clearance. \_\_\_\_\_

7.3 Re-mounting of refurbished body shall incorporate a shear plate design, i.e., not U-bolts to frame. \_\_\_\_\_

7.4 Clearance between service body and back of truck cab shall be 3 in. min. \_\_\_\_\_

7.5 All fasteners for mounting shall be min. Grade 8 fasteners. \_\_\_\_\_

- 7.6 All possible points of contact between steel and aluminium shall have a  $\frac{1}{16}$  in. rubber or neoprene material to prevent contact and prevent galvanic corrosion. Bolts between aluminum and steel shall be stainless steel. \_\_\_\_\_
- 7.7 Welding or drilling on chassis frame flanges and welding on chassis frame web is not permitted. \_\_\_\_\_
- 7.8 Any holes required in chassis frame web shall be drilled and reamed to fit bolts (no exceptions). Holes shall be located as close as possible to neutral axis of frame. \_\_\_\_\_
- 7.9 Deck/floor – replace aluminium floor with  $\frac{3}{16}$  in. steel floor. \_\_\_\_\_
- 7.9.1 Deck subframe – retrofit deck subframe with steel rectangular long sills and square lateral cross members attached to angle iron rails to attach to cabinets. \_\_\_\_\_
- 7.10 Tie-downs – shall be replaced with equivalent, new tie down eyes. \_\_\_\_\_
- 7.11 Body cracks – shall be welded, grinded and finished to create an “as new” appearance. \_\_\_\_\_
- 7.12 Pull-out drawers on front of deck shall be removed, discarded, and replaced with one (1) Weather Guard Packrat, P/N WEA338-3. A shelf shall be supplied and installed underneath the Packrat to support. \_\_\_\_\_
- 7.12.1 Ladder shelf – an additional shelf shall be supplied and installed below the Packrat shelf to accommodate a 4 ft. ladder. The shelf shall be full width. \_\_\_\_\_
- 7.13 Door panels – shall be removed, repaired, straightened, or replaced as necessary. The refurbished (or replaced) door panels shall be sealed with an automotive sealant along the edges. The existing fasteners shall be removed and replaced with nutserts. \_\_\_\_\_
- 7.14 Door hinges – shall be removed and repaired or replaced as required. \_\_\_\_\_
- 7.15 Door latches – clean, lubricate and repair latches as required. \_\_\_\_\_
- 7.16 Rollers and tracks – shall be repaired or replaced if necessary, cleaned and lubricated to accomplish “as new” performance. \_\_\_\_\_
- 7.17 Reflectors – replaced with new. \_\_\_\_\_
- 7.18 Rear bumper – replace rear bumper with equivalent, heavy duty step type bumper including Class V receiver hitch. The new replacement bumper shall be sandblasted and galvanized. \_\_\_\_\_
- 7.19 Folding steps – shall be removed and not replaced. \_\_\_\_\_
- 7.20 Compartment weather-stripping – replace all weather-stripping using automotive, bulb type, rubber gaskets. \_\_\_\_\_
- 7.21 Door hold-open devices – repair or replace as required. \_\_\_\_\_
- 7.22 Compartment door rubber bumpers – transfer or replace as required. \_\_\_\_\_

**8.0 SPECIALTY COMPARTMENTS**

8.1 Front compartments – two (2) Brutus compartments, supplied and installed one (1) in each front compartment. P/N T2918-6DR including 6-drawer, 3-5", 3-3" w/4 adjustable dividers.

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8.2 Horizontal compartment, driver's side – one (1) Ranger 7848 parts holder cabinet with bins.

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8.3 Horizontal compartment, passenger's side – one (1) Ranger X50-B and one (1) Ranger X50-C, mounted side by side.

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8.4 Rear, passenger side compartment – one (1) Ranger 5084 Parts Keeper Cabinet.

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**9.0 SUPERSTRUCTURE**

9.1 Superstructure – remove existing and replace with new superstructure constructed of 1¼" x 1¼" x ⅛" galvanized steel tubing, mounted to top of service body. The superstructure shall have a tapered section extending over the cab. Cab portion to incorporate galvanized expanded metal mesh.

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9.2 Mini light bar and strobe light brackets – shall be incorporated into the superstructure similar to the photograph below.

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9.3 Chain link eyelets – approx. sixteen (16) eyelets welded to bottom corners of vertical uprights, required for tie-down points.

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**10.0 ELECTRICAL AND LIGHTING**

10.1 All lighting to conform to CMVSS and Manitoba Highway Traffic Act.

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10.2 All existing lighting shall be removed and replaced with new lights. Supplier installed lighting and lighting equipment shall be Truck-Lite (except where otherwise noted) and shall include the following components:

10.2.1 Combination turn/stop and taillights – P/N 44302R with P/N 70700 mounting grommets.

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- 10.2.2 Back-up lights – P/N 44206C with 40700 mounting grommets. \_\_\_\_\_
- 10.2.3 Light cluster – three (3) P/N 10250R with P/N 10700 mounting grommets. \_\_\_\_\_
- 10.2.4 Clearance lamps – P/N 10250R and 10250Y with P/N 33700 mounting grommets. Note that the existing unit is not equipped with rear and side clearance lights. New clearance lights shall be installed at the side and rear in the refurbished body (see 11.6.1). P/N 33250R and 33250Y is acceptable depending on space constraints. \_\_\_\_\_
- 10.2.5 Licence plate lamp – P/N 36140, c/w P/N 36710 licence plate bracket. \_\_\_\_\_
- 10.3 All plug-in connectors shall be coated with Truck-Lite NYK compound prior to assembly. \_\_\_\_\_
- 10.4 Back-up alarm – SWS model 99901, mounted between frame rails at rear of truck, located to be protected from damage and road spray. \_\_\_\_\_
- 10.5 Mini light bars – two (2) new Whelen P/N R2LPPA, mounted front-corners of superstructure. Mini light bars to be protected with heavy duty metal branch guards. \_\_\_\_\_
- 10.6 Strobe lights, rear facing – two (2) new Whelen P/N 5GA00FAR lights, rear facing located above rear taillights, flush mounted with rubber grommets. \_\_\_\_\_
- 10.6.1 Strobe lights, front facing – two (2) new Whelen P/N 5GA00FAR lights, one on each side of front of service body, housed in a metal rectangular box. The sides of the metal boxes shall also incorporate a side mounted clearance light. \_\_\_\_\_
- 10.7 Mini light bars and strobe lights shall be wired through a single OEM dash mounted switch, labelled “Beacons”. \_\_\_\_\_
- 10.8 LED traffic arrow – SWS split arrow, P/N 58055 w/77202 and 77207 cables, rear facing, one per side of superstructure. Controller mounted in-cab in an ergonomic location. \_\_\_\_\_
- 10.9 Mini light bar, strobe lights and LED traffic arrow shall be wired “hot” to the batteries, i.e., able to use without the key on. \_\_\_\_\_
- 10.10 Work lights – all work lights to be removed and replaced with new Grote 639815 lights, four (4) total, mounted on superstructure, two (2) front, two (2) rear. \_\_\_\_\_
- 10.11 Compartment lights – the refurbished body shall be equipped with LED continuous “rope” style lighting in all service body compartments, properly secured to prevent damage. \_\_\_\_\_
- 10.11.1 Switch – compartment lighting shall illuminate via an in-cab, dash mounted Ford OEM switch, labelled. \_\_\_\_\_
- 10.12 Inverter – replace existing inverter with a new Xantrex P/N 813-3000-UL. Inverter shall have covered terminals, wired through OEM dash mounted switch w/label. \_\_\_\_\_
- 10.12.1 Auxiliary battery – one (1) NorthStar NSB AGM31 deep cycle battery mounted under the truck hood. The battery shall be installed with a \_\_\_\_\_

suitable battery isolator.

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10.12.2 Inverter cables – the main electrical cables from battery to inverter shall be replaced with new cables.

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10.13 Duplex receptacle – replace with new GFI receptacle.

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10.14 Trailer connector – factory chassis OEM trailer plug shall be mounted in the rear checkerplate above the rear bumper, left side.

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10.15 All wiring for warning lights and back-up alarm shall be colour coded, loomed and properly secured.

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

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10.17 All joining of wires shall be soldered and sealed using heat shrink tubing or approved OEM weather tight connections (crimp-on electrical connectors for joining wires are not acceptable).

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10.18 Any holes required to run wires through shall be drilled (not punched), grommeted and sealed as required.

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## **11.0 WELDING**

11.1 All welds shall be continuous welds.

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11.2 All welding performed shall conform to CSA Standard W47.1-03 and W59-03.

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Note: All welds are subject to inspection by a City of Winnipeg Qualified Inspector.

## **12.0 MISCELLANEOUS**

12.1 Grab handles – two (2) 12 in. chrome grab handles with rubber inserts, rear-mounted for ergonomic access to deck area.

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12.2 Grip strut – existing grip strut to be removed, cleaned, straightened and re-installed on top of side packs. The grip-strut may require shortening to accommodate the superstructure.

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## **13.0 COLOUR AND FINISH**

13.1 Aluminum body – entire body shall be sandblasted and seam sealed.

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13.1.1 Powder coating – required finish on body with the exception of the underside of body and the inside of the compartments. Powder coating to match 2017 Ford Oxford White Z1.

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13.2 Undercoating – complete underside of body and wheelwells shall be undercoated with an asphalt and rubber based material, Proform or equivalent, applied as per manufacturer's recommendations.

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13.3 Inside of compartments – cleaned and sandblasted, no finished.

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13.4 Floor – the upper side of the floor shall be coated with Davis Frost dark grey or black Surefoot enamel, 4-5 mils film thickness.

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**14.0 PARTS WARRANTY**

14.1 One (1) year warranty, unlimited hours. \_\_\_\_\_

14.2 The successful Bidder shall provide all published warranty information at the time of delivery of the refurbished units. **State** relevant warranty information. \_\_\_\_\_  
\_\_\_\_\_

**15.0 PICK-UP AND DELIVERY**

15.1 Pick-up – the Contractor shall be responsible for picking-up the cab & chassis vehicles from the City upon request of the Contract Administrator. The vehicles will be available for pick-up at the Winnipeg Fleet Management Agency, 185 Tecumseh St., Winnipeg, Manitoba. Pick-up times will be between 8:00 am and 3:00 pm on any Business Day. The Contractor shall be responsible for any related fuel and Insurance costs to and from their facility. \_\_\_\_\_

Note: The transfer and refurbishing of the service bodies shall occur one at a time, i.e., not simultaneously. The cab & chassis vehicles will be fully fuelled at the time of pick-up by the Contractor.

15.2 Delivery point – upon completion of the inspection process, the complete unit shall be delivered F.O.B. with the freight prepaid to the WFMA 185 Tecumseh Street, Winnipeg MB. \_\_\_\_\_

15.3 Delivery time – within **six (6) calendar weeks per unit** from the date of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. \_\_\_\_\_

15.4 Delivery contact – the Contractor shall contact the Contract Administrator prior to delivery of the equipment. \_\_\_\_\_

**16.0 PERFORMANCE RELIABILITY**

16.1 The responsibility for the re-mounting of the complete service bodies, its performance and reliability shall rest upon the Contractor. \_\_\_\_\_

16.2 The term "*repeat failures*" as used herein is defined to mean that the same component, assembly, or sub-assembly develops repeated defects, breakdowns and/or malfunctions rendering the unit inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, assembly, or sub-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. \_\_\_\_\_

16.3 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. \_\_\_\_\_