

**ADDENDUM NO: 1**

**REQ NO: 168786**

**FINAL SUBMITTAL: May 23, 2018 2:00 PM EST**

**FINAL QUESTIONS: May 18, 2018 2:00 PM EST**

**Department: Fleet Management**

**Changes to Bid No. 305105:**

**Attached you will find the final version of the Isuzu Cab & Chassis as discussed in the pre-bid on May 9th.**

**The Bid Opening will be extended one week to May 23, 2018 at 2:00 PM.**

**Req No: 1687786 Isuzu Cab & Chassis**

**PLEASE SIGN ONE (1) COPY OF ADDENDUM AND RETURN TO THE PURCHASING DEPARTMENT. RETAIN THE OTHER COPY FOR YOUR FILES.**

**Name:** \_\_\_\_\_

**Company:** \_\_\_\_\_

\_\_\_\_\_

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# **Chattanooga Fleet Services**

## **Fleet Management Specifications**

### **Isuzu Cab and Chassis**

#### **Introduction**

The attached specifications describe the requirements for a Replacement Cab and chassis truck and accessories to be purchased by the Chattanooga Public Works Department, Fleet Management division. The specifications are intended to be flexible enough for all major manufacturers to comply. The uses of names or part numbers are used for cross referencing to another brand name to be equivalent or greater to the specifications. Height and weight will be posted in cab in driver's field of view. Any and all wear items will be identified and defined in the bid.

#### **Bid Requirements**

1. The entire vehicle/apparatus is to conform to D.O.T., FMVSS, NFPA, and OSHA and to the requirements of all other applicable regulatory agencies.
2. Parts not specifically mentioned that are necessary to furnish a complete chassis or body/apparatus must have been produced using the automotive industries best manufacturing practices. This pertains to design, quality of materials and workmanship.
3. Using the attached specifications, bidders must indicate either "yes" or "no" to the right of all line specifications. Exceptions or "no" responses are to be listed and FULLY Explained on a separate page. Failure to complete the spreadsheet or failure to properly document exceptions to the specifications may result in the bid being declared "non-conforming".
4. Loose and miscellaneous equipment is to be provided only as required by D.O.T and specifications, Fire extinguisher, First aid kit and safety triangles shall be included.
5. Each bid is to be accompanied by a set of manufacturer's and as applicable, vendor's specifications. These are to consist of a detailed description of the proposed vehicle/apparatus and equipment. The specifications are to indicate size, type, model and make of all component parts and equipment. A CAD drawing of the proposed vehicle indicating wheelbase, Cab to axle and Cab to end of frame measurements is desired. All weights and horsepower/torque to transmission ratios to axle ratios shall be approved by engineering per vehicle manufacturer to include all detachable components and operations.

All vehicles will be delivered with factory service manuals, wiring diagrams and component locators for cab, chassis & bodies installed on vehicle. CD's or DVD will be accepted.

All warranties will be listed with specific details as to time, including any and all exclusions. No warranties can be Terminated or canceled for any reason during the warranty coverage as stated in bid where specified. No travel or drive time will be paid while under any manufacturer's warranty.

All power train components, assemblies, subassemblies, component parts and so on, will be designed and constructed with due consideration to the nature and distribution of the load to be sustained and to the general character of the service to which the vehicle is designed for and to be subjected to when placed in service. All parts of the vehicle will be strong enough to withstand the general service under full load. The vehicle will be so designed that the various parts are readily accessible for lubrication, inspection, adjustment and repair. Where ever possible, a central lubrication Block shall be provided with zerks and plumbed to withstand air grease gun applications, this includes hoses and connectors so service personnel will be able to perform this at ground level.

All vehicles will be supplied with a line sheet to include as built and current part numbers of any and all components installed on vehicle.

The specified vehicle will be capable of reaching and maintaining a minimum speed of 20 MPH on any grade up to and including 25% or 15 degree grade. The vehicle will be capable of attaining a true speed of 35 MPH in 25 seconds and programmed not to exceed 62 MPH.

All warranty registrations will be completed by bidder and copies provided upon delivery, all warranties will begin on any and all components on the in service date or delivery date if no special training is needed to begin operating vehicle.

Any special software or hardware needed to perform diagnostics on any computer mounted on cab, chassis and body shall be provided by bidder. This includes Transmission, ABS Brake system and Engine.

A. Warranty

1. Warranty period shall be for three (3) years on the Cab and Chassis, bodies and ALL of its components with no exceptions.    \_\_\_  \_\_\_
2. Warranty shall start on in service date.    \_\_\_  \_\_\_
3. All warranty registrations shall be completed by the vendor and copies provided.    \_\_\_  \_\_\_

4. Factory service manuals, electrical schematics and component locators to be supplied for body, Cab and chassis. \_\_\_\_ \_\_\_\_
5. Bid an optional Warranty period to be “bumper to bumper” and defined by the bidder, for five (5) years on the body, chassis, engine, transmission and drivetrain, excluding wear items, which must be detailed, with no provision for canceling warranties. \_\_\_\_ \_\_\_\_
6. Ten (10) workday repair completion guarantee. The primary vendor will pay the lease cost per day of each day after the tenth day turnaround period has elapsed. Partial days will be prorated based upon an eight (8) hour work day, beginning at 8:00 am. \_\_\_\_ \_\_\_\_
7. Instead of the lease cost per day Ten (10) work day repair completion guarantee penalty, the vendor can provide a loaner vehicle of equal to or better quality specifications of the rear load garbage truck that has exceeded the ten day repair limit. \_\_\_\_ \_\_\_\_
8. Bidder shall include copy of warranty terms and conditions and a list of any exceptions from the warranty. \_\_\_\_ \_\_\_\_
9. All warranty work for cab, chassis, and body shall be the responsibility of the Primary bidder. \_\_\_\_ \_\_\_\_

B. Training

1. Minimum of 2-hour professional training for operators. \_\_\_\_ \_\_\_\_
2. Minimum of 2 day training to be available to on site shop personnel.

## Radio Requirements in Cab

1. 20 amp circuit power and ground shall be provided with an additional 4 amp ignition feed.
1. RG58 Antenna cable with 800 MHz NMO mount and mini UHF connector.

## **New vehicle 16,000 GVWR**

### **Isuzu**

- Engine:** 4HK1-TC, diesel engine 317 CID (5.19L), 215 HP at 2550 RPM: 452 ft.-lb. gross torque at 1850 RPM. 4 cylinder, 16 valve, four cycle, overhead cam, turbocharged, inter-cooled, water cooled EGR valve, direct injection, electronically controlled common rail fuel system, engine cruise control function. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level.
- Transmission:** IR7 Aisin A465/6-speed automatic transmission
- Wheelbase:** 109 inches, includes ladder type channel frame. Full C section straight frame 33.5 inches wide. Yield strength 44,000 psi; section modulus 7.20 in<sup>3</sup> RBM 316,800 lb./ft./in. per rail.
- Air Cleaner:** Dry Paper single element. (Donaldson brand) Air cleaner canister standard with air restriction indicator in the drivers multi-information display
- Alternator:** 140 AMP. with integral regulator.
- Battery:** Dual 12-Volt maintenance free group 31 750 CCA batteries with threaded posts
- Exhaust:** Single horizontal with DPF/SCR exhaust system

**Front Axle:** "I"-beam rated at 6,830 lbs. Includes integral hydraulic power steering. Ratio 18.8-20.9:1.

**Front Suspension:** 8440 lbs. Capacity semi elliptical tapered leaf spring. Includes shock absorbers and stabilizer bar

**Front Wheels:** 19.5" x 6", 6-hole disc, painted white

**Front Tires:** 225/70R19.5F (12 ply) tubeless Radial, all season

**Rear Suspension:** 14,308 lbs. capacity. Semi-elliptical main and auxiliary multi-leaf springs. Includes shock absorbers.

**Rear Axle:** R040, single-speed, 11,020 lb. capacity with oil lubricated rear wheel bearings.

**Ratio:** 4.77

**Rear Wheels:** 19.5" x 6", 6-hole disc, painted white

**Rear Tires:** 225/70R19.5F (12 ply) tubeless Radial, all season tread.

**Fuel Tank:** 30 gal. rectangular fuel tank. Mounted between frame rail through the rail fuel fill. Fuel water separator with dash mounted warning light.

**Seat:** Driver seat is reclining high back. Two single occupant fold down seats with tray backs.

**Brakes:** Butterfly valve type exhaust brake  
IR8 Dual circuit, vacuum assisted hydraulic with EBD

(Electronic Brake Distribution). Disc front and self adjust  
outboard mounted drum rear. Mechanical,  
transmission mounted parking brake. Non-asbestos  
semi metallic linings are standard. 4 channel antilock  
brake system.

**Power Windows & Door Locks**

**Radio: AM / FM / CD Stereo Radio**

**Floor Mats: Standard Floor Mats**

**Additional Options:**

**Fire Extinguisher and Triangle Kit mounted in rear  
organizer on standard cab and under rear seat on  
crew cab**

**Mirror Bracket for 102" wide body**

**Seat Covers standard cab**

**Back up alarm**

**Chrome Grille**

**Engine emergency shutdown system HWT, LWL,  
LOP**

**High visibility seat belt (red color, driver and RH  
passenger seat)**

**Cold weather package (block heater and heated fuel  
filter)**

**Accessories: Rear body dome lamp switch**

**AM/FM/CD radio with Aux input/USB port and**

**Bluetooth RPO**

**Paint: White Cab w/ Viper Red frame rails**

**Tires: Low Rolling resistance Michelin**

**This will also include the removal and reinstallation of a 10 foot box body and re installing on the new Chassis,**

**A 500 lb rated Tommy Lift with a fold down Aluminum deck is to be included.**

**Options:**

**5 Year warranty Bumper to Bumper\_\_\_\_\_**