



AMENDMENT NUMBER 4 TO THE BID DOCUMENTS

Amendment Date: **November 28, 2023**

**BID DOCUMENT
PURCHASE OF FIXED-ROUTE BUSES**

A. This Amendment shall be considered part of the bid documents for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original bid documents, this Amendment shall govern and take precedence. BIDDERS MUST SIGN THE AMENDMENT AND SUBMIT IT WITH THEIR BIDS.

B. Bidders are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Amendment. It will be construed that each bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

Except as described below, the original bid document remains unchanged. Changes are shown by ~~striking through~~ what (if any) is to be removed, and in **bold** what (if any) is to be added. The bid documents are modified and/or clarified, as follows:

BID DUE DATE: ~~December 11, 2023~~ **December 18, 2023**

BID OPENING DATE: ~~December 12, 2023~~ **December 19, 2023**

1.6.2 A financial statement of the bidder is mandatory to be awarded a contract. Any bid response submitted without this financial statement will be rendered invalid. The information provided by the bidder in this financial statement must be detailed so that the City can be assured of the bidder's financial capability to complete the awarded ~~deconstruction or demolition~~ project.

1.7.3 Addendum may be issued by CATS no later than 4:00 p.m. on the **Friday December 1, 2023** prior to the Bid opening date. Any addendums will be emailed to each Bidder or Bidder's Attorney-in-fact who attended the mandatory Pre-bid Conference (if applicable). Addendums will NOT be faxed or mailed. When issued, the addendums become part of the Quote packet and Contract Documents. Receipt of these addendums, when issued, should be noted on the Bid Form. Failure to note receipt of such addendums does NOT exempt Bidder from compliance with the addendum information or requirements.

Specifications: The following are the specifications for providing CATS, located at 530 Dale Keith Jones Road, Anderson, IN, with a new fixed-route buses. The above-mentioned work shall begin on after the award date of December 12, 2023 and be completed no later than ~~March 15, 2024~~ **180 days after receipt of chassis.**

3.2.2 Dimensions:

Exterior Length	360 inches to 385 404 inches
Interior Width of Bus Aisle	22 19 inches Minimum



Interior Height at Entrance Aisle	78 77 inches Minimum
Entry Door Clear Opening Dimension	37 31.5 inches x 72 inches Minimum
First Step Height from Ground Kneeling	12 inches Maximum
Turning Radius (Curb to Curb)	30 32 feet 1.5 inch Maximum

- 3.7.2 Rear: Single gear with a **minimum** 14,000 lbs ~~GVWR~~ **GAWR** and **minimum** 4.78 ratio.
- 3.10.1 Corrosion resistant muffler, all steel piping should be corrosion resistant (no flexible tubing to be used). Exhaust will exit to the rear street side of the bus, and will not create a hazard to pedestrians. ~~After-treatment device shall be a single horizontally-mounted system and include a temperature control device mounted in tailpipe.~~
- 3.13.1 Fuel tank shall be made of steel with a minimum capacity of 40 gallons. ~~Heated fuel/water separator/filter, including "Water in Fuel" sensor to be provided.~~
- 3.17.5 **May include** inverter for 110v outlet (used for superfluous lighting, **not specified or included**).
- 3.20.7 The floor frame shall be constructed of 7-gauge, 2" x 2" tubular steel cross-members, on a maximum 24" center, with an outer 14-gauge steel-angle impact rail. 11-gauge, 4" wide flat steel shall be provided to support the seat tack. The floor frame shall be secured to the chassis frame in accordance with chassis manufacturer's requirements. All structural steel, from the floor frame down, shall be coated with a corrosion resistant primer. The sub-floor shall be mounted with Tek screws installed into the steel floor frame and shall be minimum 5/8" thick, ~~pressure treated~~ **marine-grade** plywood.
- 3.21.2 The exterior sidewall skin shall be **minimum** .020 (25-gauge) two-side galvanized steel **or aluminum** laminated to 1/8" Luan and bonded to the structure using urethane foam insulation, or 3.8mm thick FRP Lami Lite or approved equal with a minimum 300-micron gel coat. Urethane insulation, minimum 1/2" tick, shall be sprayed between the exterior skin and interior panels including roof **or rigid closed cell polystyrene cut to fit interior panels including roof**. Insulation shall be moisture-proof and have excellent thermal and acoustic insulating characteristics.
- 3.21.3 The roof shall be covered by the use of three sheets of 25-gauge galvanized steel, assembled with a series of "S" locks to form a watertight seal **or composite fiberglass reinforced plastic installed using equivalent of Manus Bond 75-UHVFC adhesive**. The roof skin shall continue over the sidewalls and between the windows to create a smooth transition between the roof and the sidewalls.
- 3.21.5 White fiberglass, **or equivalent strength material**, fender skirts shall be provided at the rear wheel housing. Wheels and tires shall be removable with fender skirts in place. Mud flaps shall be provided for the rear wheels and be sized effectively to protect the body and not rub the chassis tires or the grounds.
- 3.22.1 The bus interior will be designed to provide the maximum passenger safety and pleasant, aesthetically pleasing environment. All interior materials will comply with FMVSS 302 governing flammability requirements of interior materials. All interior trim parts are to be

- high impact ABS material **or anodized aluminum**. Interior materials shall be easily cleanable.
- 3.22.3 Interior sidewall shall be finished using Luan panels covered in vinyl. Panels are to be held in place at the edge by J-rail and at the top edge by the window trim ring. Pushpins ~~shall~~ **or aluminum h-rail fasteners can** secure the panels to the sidewall studs.
- 3.22.4 Front bulkhead and transition panel cover shall be covered with padded vinyl or ABS plastic. Transition panels covers shall be made of ABS plastic **or equivalent**. Rear wall covering shall be made of ABS plastic **or equivalent**.
- 3.23.2 The floor will be covered with **greyish to dark greyish rubber** flooring. Floor covering shall be smooth and at least 1/8" thick under seats and 3/16" thick ~~ribbed~~, non-skid in the aisle and wheelchair areas and at the entry way of both the front door and floor area surrounding the wheel chair ramp. The floor shall be covered from the floor to (3) three inches up the sidewall of the bus to prevent debris accumulation. All transition joints shall be ~~the butt type and are to be heat welded~~ **joined** to provide a permanent waterproof seal. Floor covering must be installed to flooring manufacturer's specifications.
- 3.24.1 Switches and gauges installed for body options shall be mounted in a separate panel, integrated into the ~~dash~~ **driver's** area, which shall be easily reachable by the drive. All exterior lights must meet Department of Transportation requirements.
- 3.26.1 (C) ~~6" Defroster fan switch~~
- 3.32.1 The front bumper shall be full-width, aerodynamic approved equivalent to 0.142" thick chrome-plated steel. The rear bumper shall be ~~approved equivalent to black powder-coated steel. Energy-absorbing~~ **an energy-absorbing** bumper with anti-ride feature shall be Romeo Rim or approved equal.
- 3.32.4 A rear window shall be provided as **specified in 3.28.1**. The rear window shall be glazed with same material and tint as side windows and shall also meet the same specifications as the side windows. A rear window wide-angle lens shall be supplied on the rear exterior window of the bus.
- 3.32.7 Sportworks **DL2 Stainless Steel** or approved equivalent bike rack shall be installed on the front of the vehicle.
- 3.33.5 Passenger seats shall be manufactured by Freedman **Featherweight Mid-Hi** or equivalent, ~~vandal resistant inserts, and drain hole grommet.~~ **Seats shall meet FMVSS 207/210.**
- (A) **Seats (aisle side only) shall include either molded or upholstered flip-up arms.**
(B) **Seats (aisle side only, not rear seats) shall include top grab rails.**
- 3.34.2 Accessibility Ramp and/or Lift
(C) **Minimum of 800 pound capacity.**



3.34.4 Doorway where ramp or lift is installed shall have a minimum of two foot-candles of illumination, measured at the entrance step and ramp or lift, when deployed from floor level. ~~A dedicated heater shall supply forced air to heat the entrance and ramp or lift area.~~

Described below is a clarification of intent of the bid document and not a change to it.

1.10 There is no bid bond with this Invitation for Bids.

1.11 Insurance requirement for onsite work only.

Anywhere it says "to be provided by the operating agency," CATS will provide post-award, pre-contract.

Described below is a list of equivocates within the Specifications that will be allowed.

Ford OEM F550 standard systems for chassis, frame, engine, transmission, cooling rear, suspension, steering, driver heat/ac, wheels, front bumper, driver seat shall be acceptable equivalents.

3.20 Starcraft Allstar XL Body Construction using all steel "C" shaped cross members so that the floor, roof, side walls, rear wall, driver halo assembly and entry door assembly are all wire welded (MIG) together to form an integral steel frame.

If you need further directions regarding these amendments, please contact Brad King at bking@cityofanderson.com or phone 765-648-6171.

BIDDER MUST ACKNOWLEDGE THIS AMENDMENT BY SIGNING BELOW AND ATTACHING THE SIGNED AMENDMENT TO THE BID FORM:

Company Name _____

Contact Person _____

Signature _____

Date _____

Brad King
Long Range Planner, CATS