

School Bus Bid

Bids must be addressed to "Pike County Board of Education, 101 West Love Street, Troy Alabama 36081" All bids must be received no later than 2 PM April 11, 2017.

All bids must be in a sealed envelope and clearly marked on the outside "School Bus Bid to be opened on April 11, 2017 at 2 PM "

Sealed bids will be opened and read at this time. Evaluations of each bid will be performed by a committee over the next several days. Once the Board has made an award all participants will be notified.

School Bus Specifications

2018 model or newer

72 Passenger before modification. 54 with 6 track mtd. seats or 38 with 3 W/C positions. See attachment.

The school bus furnished shall comply with all current State and Federal Motor Vehicle Safety Standards in effect at the time of bid. Additionally, The Pike County Board Of Education is requiring the following additional specifications. Any exceptions to these specifications should be concisely noted in the space provided. Equivalency of any exceptions to the items requested will be solely at the discretion of school system representatives. Please note that Pike County Schools will review & consider any and all below listed exceptions taken by participating vendors. **The Pike County Board reserves the right to reject any and all bids for non-compliance with this RFP and for any other reason deemed appropriate by the Board.**

Please note that bidder must have a fully licensed in-state sales and service facility and must have bus (es) state inspected and Pre-Delivery Inspected (PDI) at this facility prior to delivery. Buses shall be delivered to the County School Bus Shop with in the prescribed time allowed in the bid. At the time of delivery driver orientation training must be conducted so that driver's are fully prepared to operate the equipment. The Board will not accept factory direct deliveries. Bids will only be accepted from established firms in Alabama.

DELIVERY MUST BE MADE WITHIN 120 - 150 DAYS OF RECEIPT OF PURCHASE ORDER.

Bidders Name _____

Address _____

Make and Model of Bus _____

Delivery Date _____

Company Representative, Sign _____

***Type C 72 Passenger (one or more)
Before modifications Special Needs***

Price Per Unit \$ _____

The Pike County Board reserves the right to award this bid on factors other than low price including: past performance of dealer, proven ability to support the product bid and parts compatibility with existing fleet. The Pike County Board also reserves the right to add additional buses at a later date as allowed by State law should the supplier agree to honor the same bid price. Additional cost per bus may include any new Federal or State mandated specifications. In addition to all specifications listed below, buses must meet all State and Federal specifications.

The Pike County Board also reserves the right to use a Life Cycle Costing Analysis to determine the best overall value offered by each vendor.

QUALITY ASSURANCE

In an effort to assure high quality in all areas of the manufacturer's customer and product systems, fit and finish, parts sourcing and availability and service processes, The Board prefers that the manufacturer meet the worldwide quality assurance programs of ISO9001. Please provide a copy of the ISO9001 certification with the bid.

2018 OR NEWER TYPE C 72 PASSENGER BUS BODY & CHASSIS (QUANTITY: 1 OR MORE)

OVERALL DIMENSIONS TO BE AS FOLLOWS:

BIDDER EXCEPTIONS:

- Minimum interior height – 78"
- Minimum 12" x 25" window openings

BODY DATA

Preferred electrical system shall be fully integrated (both body and chassis) multiplex system. There shall only be one diagnostic point for both body and chassis and it shall be located beneath dash. All available circuits shall be protected by a combination of solid-state technology and fuses. Please indicate below which type of electrical system is to be provided.

Fully Integrated Multiplex (Body & Chassis) _____

Partially Integrated Multiplex (Chassis Only) _____

Separate Multiplex Systems (Body & Chassis) _____

Bus must be equipped with a Driver's Pre-Trip Light Inspection System. System shall systematically power all lights individually, while the driver performs his/her pre-trip inspection. System shall also activate stop arm, crossing arm and horn. This system is to be operated by a switch, conveniently located in the driver's compartment.

Exception: _____

There shall be 10 applied rub rails on each bus, four on each side and two on the roof. Roof rub rails may be mounted either internally or externally. Rub rails shall be painted black. Please indicate method of rub rail mounting. **Sides** – External _____ Internal _____ Roof - External _____ Internal _____

Exception: _____

Roof bow shall be one piece and shall extend just below floor line. Roof bows shall have a cross section modulus of .22 cubed. If needed, this may be accomplished with a bow or rafter insert.

Exception: _____

Lower side skirts shall be "quick change" replaceable design installed with threaded fasteners.

Exception: _____

Bodies shall be mounted in such a manner as to prevent shifting. At a minimum, two bolts in lieu of one shall be used at each mounting bracket to prevent a pivot point. Rubber mounting pads reinforced with fiber shall be used to cushion the body on the chassis at every floor member and shall be held in place permanently with mechanical fasteners.

Exception: _____

There shall be a minimum of 2" thick blanket-type polyester insulation mounted in the ceiling. The first two ceiling panels in the driver's vestibule area are to be sound deadening, acoustical panels.

Exception: _____

Crossing arm shall be (air), and shall be integral with front bumper with its operating mechanism protected behind the front bumper.

Exception: _____

Bus shall be equipped with air stop sign and crossing arms.

Exception: _____

The front heater shall be multi speed fresh air type. Please list number of speeds. _____ Controls shall be electronic, automotive style. Heater motor and fan mechanism shall be serviceable without disturbing heater core. Rear heater must be equipped with a kick guard.

Exception: _____

Rear view interior mirror and sun visor shall be mounted in driver's area across the top of the windshield header.

Exception: _____

Rear view exterior mirrors shall be heated and remote type. Cross over mirrors shall be heated. A heat timer shall be included. All mirror wiring shall be run through the inside of the mirror brackets in order to be hidden from view.

Exception: _____

Driver's fan must be located above the driver side window to the left of the driver.

Exception: _____

Roof will be white. All seat frames, heaters, and heater ducts shall have a baked-on black powder coating for scratch resistance. Wheels will be black. Window frames preferred to be black. Please state window frame color _____.

Exception: _____

Service door shall be air operated. Controls must be mounted in switch panel right side of driver on dash. Door switch should be back-lit for optimal visibility. The door air release switch shall include an air pressure dampener to ensure proper closure. An exterior service door pull shall be provided to aid in opening and closing of door.

Exception: _____

There shall be an emergency equipment compartment located above the windshield. Please state location, if other than over windshield. _____.

Exception: _____

There shall be an additional glove storage box compartment mounted above driver's window. Storage box shall be kept closed by use of a push button latch. The glove box door shall include a spring hold prop.

Exception: _____

Floor seams shall be sealed with a waterproof sealer and covered with a 1" wide, 16 gauge metal stripping or molding. The floor along the side walls shall be covered with molding so that dirt cannot readily work underneath the edges. Sub floor shall be plywood (screwed down), for sound and temperature insulation. Floor covering shall be **black** in color for a clean appearance. There shall be an additional (RH) entrance door grab rail assist to aid passenger entry and exit.

Exception: _____

Body shall be equipped with either rubber fenders or metal fenderettes.

Exception: _____

All exterior lights with the exception of the headlight shall be LED. Reflectors shall be applied with mechanical fasteners. Front and rear eight-way warning lights shall be serviceable lights with replaceable diodes to delay the need for complete light removal and replacement. Step well light shall be LED.

Exception: _____

All interior dome lights are to be LED style.

Exception: _____

Windshield preferred to be one-piece bonded, curved, and slanted to reduce glare.

Exception: _____

Driver's seat shall be an air ride suspension type with a right and left side armrest

Exception: _____

All units shall be keyed a like.

Exception: _____

All units shall have front and rear tow hooks.

Exception: _____

All units shall include a Post Trip Child Detection Alarm that is activated by Eight-Way Warning Lights. A push-button deactivation switch shall be mounted in the rear bulkhead. This deactivation push button switch must be heavy-duty stainless steel, or chrome, not plastic.

Exception: _____

CAMERA REQUIREMENT

All units shall include a Seon TX-8, 8 channel digital DVR camera system which will include the following;

GPS, 5 signals connecting to the bus

5-CQ902A20 cameras

2-CQ902A75 cameras

1-CQ904A20 WITH ONE WINDSHIELD MOUNT

12-TX-HK640 HDD SPARE HARD DRIVES FOR TX-8

Exception: _____

Body Warranty: 3 years or 50,000 miles bumper to bumper. _____

CHASSIS DATA

Two stage, heavy-duty type air filtration system is required. Engine air cleaning system shall have an integrated air plenum with two expulsion valves to remove moisture and large contaminants. Restriction indicators to measure filter condition with indicator and/or light in dash.

Exception: _____

Alternator to be Leece Neville or Delco 270 amps and shall be pad mounted.

Exception: _____

Minimum 55 degree turning radius is desired. Please list turning radius_____.

Exception: _____

Bus is to be equipped with cruise control.

Exception: _____

Axles and suspension to be 10,000 lb. front and 21,000 lb. rear. Front axle shall be equipped with oil-lubricated bearings. Buses to include rear air suspension. Must have **front and rear disc brakes** which are interchangeable front to back.

Exception: _____

Batteries minimum of two (2) to be maintenance free and shall be a minimum 1900 CCA. Batteries must be mounted on a (stainless steel) roller bearing slide out tray with spring loaded pin locks. A battery cut-off switch shall be included, and shall be mounted in the battery box compartment.

Exception: _____

Air compressor preferred to be 18.7 CFM and shall be gear driven (belt driven compressors are not acceptable). Brakes must be equipped with a heated air dryer with automatic purge system. Petcock drain valves shall be mounted in the battery compartment for ease of access.

Exception: _____

Buses to be equipped with extended life halogen headlights with amber daytime running lights. Running lights are to be powered at 85%.

Exception: _____

Gauges will include a tachometer, an hour meter, and trip meter and transmission temperature gauge. Instrumentation panel should be able to provide diagnostic capabilities for body and chassis electrical system.

Exception: _____

Driver dash information center shall incorporate an available ambient temperature read-out feature, along with a automatic audio & visual Black Ice warning indicator.

Exception: _____

Engine to be in-line 6 cylinder, (V8 diesels are not acceptable), minimum 220 H.P. with a minimum of 520 ft. lbs. of torque. Engine and Exhaust System shall meet EPA 2015 Emission Standards at a minimum. It is preferred that the engine offered is designed to require a single turbocharger. Please state the number of turbochargers required of engine bid _____.

Exception: _____

Engine shall be B20 capable, with no impact on engine warranty. Engine shall also be Clean Idle Certified. Engine must have a NOx FEL Certification Level of no more than 0.5. Bidders shall also please state engine's NOx FEL Level _____.

Exception: _____

To aid in cold weather starting conditions, engine shall include a block heater with an easy access plug mounted conveniently in the front bumper. Engine shall also incorporate an integral engine exhaust brake.

Exception: _____

Exhaust system shall be equipped with a heat reducing mitigator device located at the end of the exhaust system. Mitigator device shall cool exhaust temperatures by approximately 200 degrees. If an exhaust heat mitigator is not incorporated into exhaust design, please offer an explanation so that system may be considered.

Exception: _____

Exhaust shall exit out the driver's side at the very most rear portion of the unit.

Exception: _____

Fuel tank size to be a minimum 100 gallons, and shall be mounted between the frame rails. Fuel door shall include a latch lock.

Exception: _____

Tires are to be 270Rx22.5 16 ply standard tubeless radials. Tires shall be Bridgestone. Off brand tires are not acceptable.

Exception: _____

Steering column shall tilt and telescope (preferred). Please check Tilt & Telescoping _____ Tilt Only _____.

Exception: _____

Coolant System shall be Fully Formulated with Penray Technology. Coolant must be pre-charged with SCAs at -34 degrees, and shall be Phosphate Free. For improved serviceability and to reduce maintenance costs a coolant filter shall be provided. It is permissible to have this filter added outside of the factory if needed.

Exception: _____

Brake system will be fully air disc front and back in which front and rear pads are interchangeable.

Exception: _____

Bus dealer must provide an on-site service truck with an engine certified technician to perform on-site warranty work.

Exception: _____

WARRANTY DATA

Chassis warranty should be as follows and warranty certificates must be included with bid:

a.) 3 years or 50,000 miles bumper to bumper \$ _____

b.) Engine - 5 years / 100,000 miles, must include electronic
Components (2 years towing) _____

c.) Driveline - 4 years / unlimited mileage _____

Transmission - 7 years / unlimited mileage, must include
Electronic components (5 year towing) _____

e.) Transmission warranty shall include Transynd Fluid
at initial fill at factory. _____

f.) Towing (other than engine and trans.) – 6 months _____

g.) 2 years unlimited mileage bumper to bumper \$ _____

In place of a.) above

Special Needs seating arrangement: LH side will have 8 – 39” DOT seats which the 2 front ones will be Integrated Child Seats and the last 4 track mounted 39” DOT seats. RH side will have 7 – 30” DOT seats which the front 2 seats will be Integrated Child Seats and 2 track mounted 30” DOT seats and the **Braun lift. NO EXCEPTION**

This will be a flat floor unit.

Air – conditioning will be MCC/Carrier 126,000 btu’s which will include dash a/c with front and rear bulkhead evaporators. Must be bus factory installed and include the electrical compartment on the outside located next to battery compartment. Alternator will be min. 270 amps. 5/8” plywood floor marine graded will be included. **NO EXCEPTIONS**

Vendor shall submit with their bid a complete price page menu, breaking out a complete set of diagnostic software and subscription prices, along with pricing for cables and data-link tools needed to hook to the bus for reading such software. This submission shall be separate from the Bid Price Page.