

Bedford County Department of Finance

200 Dover Street, Suite 102
Shelbyville, TN 37160
(931) 685-2024 FAX (931) 680-1029

Request for Proposal

90 Passenger Transit School Buses Bid No. 17-11

The Bedford County Department of Finance is requesting proposals for 90 Passenger Transit Buses. **Sealed bids will be received until 2:00 p.m., Friday, October 7, 2016,** in the office of the Bedford County Department of Finance and will be opened publicly at that time. The Department of Finance reserves the right to reject any and all bids and waive any irregularities for the purpose of ensuring the award given is in the best interest of Bedford County. Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

GENERAL BID TERMS AND CONDITIONS

Proposals from all responsible bidders will be considered. To qualify as a responsible bidder, the proposal submitted must:

1. **Meet or exceed the minimum requirements specified.**
2. **Furnish all documents requested by the representative of the Bedford County Department of Finance prior to and following the bid opening.**
3. **Submit their completed bid prior to the bid opening date and time.**
4. **Have bid name and bid number placed on the outside lower left corner of the sealed envelope containing the bid form. (Facsimile bids will not be considered.)**

Award

A Purchase Order from the Bedford County Department of Finance will be issued to the successful bidder acknowledging the award. A copy of these terms and conditions, specifications and the vendor's proposal form will become a part of the purchase order.

Payment will not be made until the buses are inspected and approved as meeting all specifications by the Bedford County Department of Finance.

Prospective bidders should be prepared to submit a similarly equipped unit for inspection in Shelbyville, Tennessee.

Prospective bidders may contact Kenny Parker at the School Transportation Department, 931-684-1500, for any questions as to the specifications of the bid.

Lowest and/or best bid will be awarded.

All prices shall include delivery (FOB Destination).

Other Considerations

Bedford County Department of Finance reserves the right to purchase only those bid items and quantities that conform to overall budgetary, functional, and performance constraints.

The terms of this bid will be extended to other local government agencies, other municipalities, and Boards of Education. Bedford County is responsible only for purchases made and received by Bedford County.

INSTRUCTIONS TO BIDDERS

All Proposals are to be made on the Proposal Form provided. Bids must be delivered in hand or by a mail service in a sealed envelope marked on the outside lower left corner, **Bid No. 17-11 90 Passenger Transit School Buses.** Bids will be received and opened on **Friday, October 7, 2016, at 2:00 p.m.** Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

Proposals are to be made complete in every detail as required and called for by said Proposal Form. Proposals that are incomplete, conditional, contain irregularities of any kind, or which are not in accord with the Instructions to Bidders and Proposal Form furnished by the Department of Finance may be rejected as informal.

The submission of a proposal will signify that the Bidder has thoroughly familiarized himself with all conditions and that he fully understands what will be expected of the successful bidder.

The Department of Finance reserves the right to accept or reject in whole or in part any or all proposals submitted, without liability whatsoever, and waive informalities therein, if deemed by the Department of Finance in their best interest to do so.

Bids will be good through calendar year ending December 31, 2017.

BEDFORD COUNTY SCHOOLS
90 PASSENGER TRANSIT
BUS SPECIFICATIONS

School Bus Body Specifications 90-passenger

1. CONSTRUCTION * FRONT ENGINE MOUNTED *****

- A. Type D Transit front engine design – 90 passenger – 77” headroom only.
- B. Windshield to be tinted. State Total sq. in. of Windshield _____.
- C. Emergency door lower glass to have metal guard.
- D. Aluminized side panels interior body.
- E. Three (3) push-out windows per side. Total of (6) staggered installation.
- F. Option price: Save \$_____ per bus to delete two (2) push out windows, one each side.
- G. Service door will be air operated with 3 position switch and vandal lock.
- H. Side sash windows to have black frames and shall provide 12” opening with dark tint.
- I. Right and left side fold down arm rest for driver.
- J. Four (4) rub rails all painted black.
- K. 5/8” exterior grade plywood subfloor full length, glued or screwed.
- L. Roof to be painted white.

2. HEATERS & VENTILATION – INSULATION

- A. Front & rear heaters BTU’s not less than 170,000 total.
Rear heater to be behind rear wheel wells.

TOTAL BTU’S FRONT & REAR _____.

- B. Driver foot warmer not less than 12,000 BTU’S. BTU’S _____.
- C. Brass gate cut off valves at inlet and outlet from engine.
- D. Brass gate flow control valves by driver’s seat.
- E. (2) Two defroster fans w/ two speeds mounted over windshield.
- F. Two (2) Roof Mounted Escape Hatches (Tran Spec triple value or Specialty Prolo)
- G. 2” Fiberglass insulation side walls, front & rear caps & ceiling.
- H. Front dash defroster to take care of right and left side windshields.
- I. Heavy Duty Auxiliary heater booster pump for rear heater.

3. LIGHTS AND WIRING

- A. Warning lights to have protective hoods.
- B. Warning light flasher Weldon 7000 or equal.
- C. Two (2) Backup lights not less than 4” dia.
- D. Two rows of interior lights 5 per row (Total of 10).
- E. Turn signals to be Weldon 1000 with arrow front & rear.
- F. Roof strobe light Aeroflash M100-C2B2, include brush guard.

- G. Strobe to be located behind rear escape hatch.
- H. Side directional lights mounted left and right side.
- I. Emergency warning switch to operate directional signals.
- J. 16 Light monitoring system.

4. MIRRORS

- A. Interior mirror to be 10 X 30 with sun visor.
- B. Exterior rear view mirrors to be Mirror Lite Double or West Coast Style, Nickel with E-Type bracket right & left (heated) or equal.
- C. Two (2) Mirror Lite "Bus Boy" Model 52-400 mirrors or Hawkeye mirrors (heated) or equal.

5. STOP SIGN

- A. Will have upper & lower LED strobing lights.
- B. Stop sign will be air operated.

6. SCHOOL BUS SIGN

- A. 3M Diamond grade or Reflexite brand reflective vinyl markings or equal – "SCHOOL BUS" 8" front and rear roof caps, 2" wide stripe each side of bus at floor line just below rub rail. 2" wide stripe on rear perimeter of bus. Color to be yellow everywhere but bumper grey or black, as approved by the State Department of Education.

7. NOISE REDUCTION ENGINE-DRIVER AREA

- A. Engine hood, driver floor board, step well must exceed manufacturer's standard. Please state the package you are providing:

1.) _____

2.) _____

3.) _____

4.) _____

5.) _____

- B. First 2 head liner panels in vestibule area to be perforated panels.

8. DRIVER'S SEAT & ENGINE COVER

- A. National High back Driver's seat with 8 way air adjustment and tilt feature to adjust up to 15 degrees. Include left and right fold down arm rests.
- B. Fabric insert on cushion & back.
- C. Upholstery to be 42 oz. Green, Brown or Black in color.

9. SEAT BELT FOR DRIVER

- A. A type 2 lap belt/shoulder harness seat belt shall be provided for the driver. The assembly shall be equipped with an emergency locking retractor (ELR) for the continuous belt system. The lap portion of the belt shall be guided or anchored where practical to prevent the driver from sliding sideways under it. Belt to be florescent orange in color. Driver's seat belt to meet all FMVSS standards in affect at manufacturing date.

10. OTHER EQUIPMENT

- A. (1) one 5 lbs. Dry Chemical Fire Extinguisher rated not less than 2A-10 with hose.
- B. First Aid Kit w/ Tennessee standards.
- C. Triangle Reflector Set (3) mounted in overhead compartment.
- D. Two (2) Grab handles and two (2) folding steps for cleaning windshield.
- E. Electric wipers-2 speed with intermittent wipers and electric windshield washer.
- F. Bottle washer and controls for cleaning windshield.
- G. Undercoating of entire underbody.
- H. Passenger seat material to be Fire Block upholstery & should be green, brown or grey in color.
- I. AM/FM/CD/PA stereo With 8 speakers evenly positioned in ceiling.
- J. AngelTrax HC460, two (2) camera head system with 320g minimum hard drive DVR.
- K. Air crossing arm on front bumper with magnetic retainer, yellow in color.
- L. Cell phone power outlet installed in driver's area
- M. Roof mounted air horn
- N. Option Price: Add \$_____per bus for a 34 cu. ft. undercarriage luggage compartment mounted on right side of bus between the wheel wells with lights, locks, and shocks as a door retainer.

11. LETTERING & NUMBERING

- A. Each bus will have 4 numbers. BOLD STROKE 6" X 1" minimum.
- B. Numbers will be painted or vinyl with BOLD STROKE 6" X 1" minimum.
 - 1 number on each side of bus below 1st or 2nd window
 - 1 number on the rear of bus located lower right side
 - 1 number on the front of bus best location right bumper area
- C. Year Model Ex: "2014" will be painted or vinyl on back bumper right hand side. It should be BOLD STROKE 3" X ¾" yellow in color.

12. FENDERS AND MUD FLAPS

- A. Rubber over each wheel area.
- B. Mud flaps front and rear.

13. BODY WARRANTY

- A. Complete explanation to be included.

14. TRAINING

- A. The selling distributor must provide a minimum of 6 hours service training in our service center chassis and Body.

**LIST EXCEPTIONS TO BODY SPECIFICATIONS BY PAGE BY NUMBER BY LETTER
SCHOOL BUS BODY SPECIFICATIONS – 90 PASSENGER TYPE D FRONT ENGINE TRANSIT**

School Bus Chassis Specifications 90-Passenger

15. CONSTRUCTION *FRONT ENGINE MOUNTED*****

- A. Type D (Engine mounted front)
 - B. Approved in Tennessee for 18 year Service
 - C. 90 passenger with 3X3 seating
-
- 1. List wheel base STATE WB _____
 - 2. List turning radius curb to curb STATE TR _____
 - 3. State rear overhang STATE OH _____
Center of rear axle to outside of rear
Bumper
 - 4. All frame rail solid, no frame extensions or drop down piece work.

16. ENGINE

- A. 6 cylinders, in-line six, wet sleeve preferred.
- B. Diesel Engine Minimum 220 HP to 260 HP STATE HP _____
- C. Minimum 600 ft. lbs. torque STATE TORQUE _____
- D. Engine block heater to be provided STATE WATTS _____
Minimum 750 watts, 1000 preferred
- E. High water Temp/Low oil pressure warning light & buzzer.
- F. Engine to have a Temperature controlled fan clutch.
- G. Engine to be 6 cylinders in-line six, wet sleeve preferred.
- H. Anti-freeze green or compatible no extended life.
STATE ENGINE _____
- I. Option Price: Add \$ _____ per bus for Cummins 240 H.P. Engine with Allison PTS 3000 Transmission.

17. TRANSMISSION

- A. Allison PTS 2500 or equiv. with internal or external oil cooler and external filter. Will include illuminated shift control lever.
- B. Transmission will include Allison TranSynd Fluid.

18. WARRANTY

- A. Engine: 5 years / 100,000 miles w/ 100% parts and labor.
- B. Transmission: 5 years / unlimited miles w/100% parts and labor.
- C. Axles: 5 years / unlimited miles w/ 100% parts and labor.
- D. Differential: 5 years / unlimited miles w/ 100% parts and labor.
- E. Written description of warranty to be included

19. RADIATOR

- A. Radiator to include see through tank w/sight glass and overflow tank.

20. SUSPENSION

- A. 14,600 lbs. cap minimum front axle STATE FA _____
- B. 23,000 lbs. cap minimum rear axle STATE RA _____
- C. Front rated springs 13,200 lbs. minimum STATE FS _____
- D. Rear rated springs 23,000 lbs. minimum STATE RS _____
- E. Gear Ratio – Geared to go approx. 75 MPH STATE GR _____
- F. Governed Speed at 70 MPH max STATE GS _____
- G. Option Price: Add \$_____ per bus for 14,000 lb. GVWR front springs with 6" front & 8" rear heavy duty brakes.

21. WHEELS – TIRES

- A. 10 hole Budd Type Stud or Hub piloted ----Spoke type not acceptable
- B. Tires – 11R X 22.5 Bridgestone, Firestone or Hankook Tubeless Radial hwy tread or equivalent.
- C. 16 ply minimum (all rims painted black)
- D. Spare tire and wheel

22. THROTTLE

- A. Electric
- B. Cruise Control

23. STEERING

- A. Ross TAS – 65 or equal
- B. Four (4) position tilting and telescoping steering column.

24. KEYS - IGNITION

- A. Common Key – D250 or equivalent

25. BRAKES

- A. Dual, Full Air system meeting FMVSS – 121
- B. Front 16.5" X 5" Minimum STATE FM _____
- C. Rear 16.5" X 7" Minimum STATE RM _____
- D. Automatic slack adjusters front and rear
- E. Parking brake – 20 sq. in chambers
- F. Engine exhaust brake

26. AIR COMPRESSOR, AIR DRYER, & AIR TANKS

- A. Bendix or Wabco 18.7 CFM minimum
- B. Bendix AD-9 with heater
- C. 5900 cu.in. minimum air storage capacity
- D. Three (3) to four (4) tanks

27. FUEL TANK

- A. 100 Gallon Minimum. Must meet FMVSS 301.
- B. Spring loaded fuel tank access door to be provided
- C. Fuel Tank access plate revealing top of tank to be provided.
- D. Racor, Alliance or Stanadyne fuel water separator.

28. ELECTRICAL

- A. Three (3) Group 31 batteries w/ 3000 CCA STATE CCA _____
- B. Resetting Circuit Breakers.
- C. Dual Electric Horns.
- D. 185 AMP Alternator Minimum STATE ALT AMPS _____
- E. Option Price: Add \$_____ per bus for 240 AMP Alternator

29. BUMPERS

- A. Heavy duty channel type 3/16" minimum.
- B. Front and Rear Tow hooks.

30. SHOCK ABSORBERS

- A. Heavy duty Front & Rear STATE INCH SIZE FRT _____ STATE INCH SIZE RR _____

31. AIR CLEANER

- A. Air restriction indicator (site gauge).

32. TAIL PIPE

- A. Must extend beyond rear bumper.

33. INSTRUMENT PANEL

- A. Odometer & Speedometer.
- B. Dual air pressure gauge.
- C. Engine Temp & oil pressure gauges.
- D. Fuel Tank.
- E. Tachometer.
- F. Volt Meter & Amp Meter.
- G. High beam switch mounted left side steering column or floor.
- H. Trip odometer.

34. Other

- A. Add \$_____ per bus for two way radio that is compatible with our current fleet.
- B. Add \$_____ for purchase of laptop computer.. (this is a onetime fee, not per bus)
- C. Add \$_____ per bus for Cummins Insite Subscription.
- D. Add \$_____ per bus for Cummins hardware (Cables) for hook up to computer.
- E. Add \$_____ per bus for each additional camera head

35. SERVICE INFORMATION

- A. Complete Service and parts manuals & Factory build up sheets
- B. Must provide service training on unit or units purchased.

LIST EXCEPTIONS TO CHASSIS SPECIFICATIONS BY PAGE BY NUMBER BY LETTER
SCHOOL BUS CHASSIS SPECIFICATIONS

90 PASSENGER TYPE D FRONT ENGINE TRANSIT

THE EXPECTED NUMBER OF BUSES TO BE PURCHASED IS ONE OR MORE UNITS. THE BEDFORD COUNTY BOARD OF EDUCATION RESERVES THE RIGHT TO MAKE ADDITIONAL PURCHASES AT THE STATED UNIT PRICE THROUGH DECEMBER 31, 2017. ALL BIDDERS SHOULD BE PREPARED TO SUBMIT A SIMILARLY EQUIPPED UNIT FOR INSPECTION IN SHELBYVILLE, TN BY PERSONS ASSIGNED BY THE BEDFORD COUNTY BOARD OF EDUCATION.

LIST THE NUMBER OF CALENDAR DAYS FOR DELIVERY AFTER THE RECEIPT OF PURCHASE ORDER. DELIVERY IS TO BE FOB TO THE BEDFORD COUNTY SCHOOL BUS GARAGE.

\$ _____ EACH... FOB BEDFORD COUNTY SBG.
BID PRICE PER 1 UNIT (FRONT ENGINE DESIGN)

CALANDER DELIVERY DAYS _____ AFTER RECEIPT OF ORDER.

\$ _____ EACH.
DEDUCT FOR FOB MANUFACTURERING BODY PLANT 1 UNIT

BUS MAKE, MODEL, & YEAR: _____

COMPANY BIDDING: _____

STREET / PO BOX: _____

CITY / STATE: _____

SIGNATURE AND DATE OF COMPANY OFFICIAL _____

PROPOSAL FORM

**TO: Bedford County Department of Finance
200 Dover Street, Suite 102
Shelbyville, Tennessee 37160**

Re: Bid No. 17-11

Gentlemen:

Having examined the specifications for a **School Buses**, we (I) submit the following proposal:

90 Passenger School Bus each \$ _____

Deduction for FOB Shipping Point (Body Plant) per unit _____

Calendar Delivery Days after Receipt of Purchase order _____

***** Failure to deliver complete bus units on the agreed date will result in a penalty of \$100.00 per day until delivery. *****

Company Name: _____

Mailing Address: _____

Signature and Title of Bidder: _____

Date: _____

Telephone Number: _____

Email: _____