

March 4, 2010

BID REQUEST

The Obion County Board of Education is requesting bid on (3) three 2011, 78 passenger Conventional School Buses. Buses must meet all Federal, State and local specifications. Bid must be good for 90 days from bid opening. Sealed bid must be mailed to the Obion County Board of Education, 316 S. Third St., Union City, TN 38261. Please label the envelope "BUS BID".

Bid will be opened on March 28th, 2010 at 10:00 AM in the Obion County Board of Education office at 316 S. Third St., Union City, TN. The Obion County Board of Education reserves the right to accept or reject any or all bids in whole or in part.

**OBION COUNTY SCHOOL SYSTEM 78 PASSENGER CONVENTIONS
COMPLETE SCHOOL BUS SPECIFICATIONS**

**Vehicle is to meet or exceed all Department of Transportation Federal Motor Vehicle
Safety Standards and State of Tennessee Specifications For School Buses**

ENGINE	230 hp, v-8, 560 ft. lbs. torque minimum. Minimum 1,000 watt engine heater installed. Complete engine noise package. Warranty 5 years unlimited miles.
ENGINE	Alternate 230 hp in line 6 cylinder wet sleeve engine with 560 ft. lbs. torque minimum
ENGINE	All engines must be at least 2007 emissions compliant
HOOD	Tilting hood
GAUGES	Manual with low water and oil warning light with buzzer. AMP meter and voltmeter
TRANSMISSION	2500 series, 5 speed automatic with external oil filter. External cooler mounted in front of radiators
ALTERNATOR	200 AMPS
AIR COMPRESSOR	13.2 CFM
FRON WHEEL BEARINGS	Oil bath
FRONT AXLE	10,000 lb minimum
REAR AXLE	21,000 lb air ride suspension
DIFFERENTIAL RATIO	6.17
RUBBER FENDERS	rear
BRAKES	Front 16.5 Rear 16.5X7. Air brake system to include air dryer AD-9 with heater and air tank drain valve Dv-2 with heater. Non-asbestos brake lining, 1 automatic slack adjuster at each wheel. Must include 4 channel-anti lock brake system
WHEEL BASE	276" and must not exceed 40' all over length
WHEELS	disc type/10 stud, 22.5x8.25. Include spare rim only
TIRES	11R22.5, 16 ply

SHOCKS	front and rear
STEERING	hydraulic power, tilt column
FUEL TANK	Equipped with 100 gallon minimum, and sending unit. Access to the fuel tank shall be on the ridge side mounted between frame rails and behind rear axle.
INSPECTION PLATE	in floor for access to the fuel tank sending unit
DRIVE SHAFT	metal guards required
BATTERY	Three(3) 1950 CCA minimum all three combined
BATTERY COMPARTMENT	batteries are to be installed in a compartment with easy access from outside of body
HORN	dual electric
BACK UP HORN	Installed behind rear axle with 112 decibels. To meet Federal and State Specifications
EXHAUST	Shall exit left side just in front of duals
HEATERS/DEFROSTERS	Three (3) required. One in the rear not less than 84,500 BTU, one in step well areas of not less than 90,000 BTU with defrosting for the windshield and driver's window and one heater midship not less than 50,000 BTU. Two (2) 6 " defroster fans to be supplied. Shut off valves to be installed.
LIGHTS	Armored type cluster and clearance lights all mounted below roofline.
HEADLIGHTS	Wig-wag alternating
TOW HOOKS	Two(2) front frame mounted and two (2) rear mounted to Tennessee Specifications
ELECTRICAL	All wiring to be properly insulated and each circuit equipped with individual circuit breaker. Breaker panel to be readily accessible to driver. Body wiring to be color-coded and numbered. Body switch panel to be illuminated and easy to reach from driver's seat.
DECALS	All decals to be 3M reflective tape, bus sign on front, rear and sides.
8 LIGHT WARNING SYSTEM	
MIRRORS	A non-glare interior adjustable rear view mirror 6"x30" minimum size, placed to afford view of the road as well as passengers. Two (2) rear view mirrors located on each side of bus. Mirror on front and one on each side. Heated Mirros.
BODY FLOOR	Floor covering to be gray or black vinyl.
WINDSHIELD	Standard with dark shaded top.

PASSENGER/REAR WINDOWS	To be 24"x12" with black andonized frame. 28% dark tinted.
ROOF	78" minimum head room
ENTRANCE DOOR	Electric outward opening 36" wide with key electric locking and 3 position swith on dash.
ENTRANCE DOOR STEPS	Should be koroseal pebble tread with white pebble top nosing
WINDSHIELD WIPERS	Two (2) electric operated heavy-duty wipers. Washer to be three (3) qt capacity minimum. Intermitent wipers.
DRIVER'S SEAT	Three (3) point driver seat belt with D loop. Adjustable air, including right side arm rest and cloth insert. Seat is to be all gray color.
PASSENGER SEATS	Seat belt ready. Gray color
MASTER DISCONNECT	For all body circuits.
NOISE PACKAGE	To include full length perforated ceiling.
GRAB RAILS	Two (2) shall be supplied with 1 aft and 1 forward of service door.
REFLECTIVE PACKAGE	Complete reflective tape package to be included.
BUMPERS	To meet Federal and State Specifications.
BODILY FLUID/FIRST AID KITS	To meet Federal and State Specifications.
MUD FLAPS	Front and rear.
(2) STOP SIGNS FRONT AND REAR	Electric operated w/strobe lights. Also include electric crossing gate and magnet latch on front bumper with interrupt switch.
REAR EMERGENCY DOOR	Upper and lower glass with guard on lower half of door.
BODY UNDERCOATING	Underneath entire body is to be undercoated.
RADIO	AM/FM CD player with PA system inside and outside. Include 6 speakers.
VIDEO CAMERA	REI digital with hard drive and one (1) eye.
CHILD REMINDER SYSTEM	Warning buzzer interior(not in side panel) to be installed on bus.
ROOF EXITS	Specialty MFG Pro-low Series 9245. Total of (2) roof hatches.
EXIT WINDOWS	Four (4) push out emergency exit windows, two (2) on each side with warning buzzer. 24"x12" windows with black andonized frame.

ROOF STROBE LIGHT	Located on rear 1/3 of roof. Power pack to be in base of light's metal base.
RUB RAIL	Four (4) on each side, all to be painted black.
COLOR	School bus chrome yellow with black trim and lettering. The roof is to be white on all buses.
LETTERING/NUMBERING	To include "OBION COUNTY SCHOOLS" on each side. Number on each side to be the same size as letters. Numbers to be on front and rear of bus. Unit numbers will be 1174, 1175, 1176. Windows will be numbered with odd numbers on left side and even numbers on right side on inside of bus.
FREIGHT	Please quote as a separate item (FREIGHT FOB TROY, TN)
SERVICE MANUAL	A complete chassis shop service and body parts. A CD rom will be provided.
SERVICE MANUAL	Lubrications, motor oil, transmission and gear box full levels, cooling system protected to -20 degrees F.

COMPLETE UNITS SHOULD BE DELIVERED TO TROY, TN. AT THE
TRANSPORTATION DEPT., 802 C C GURIEN DRIVE, TROY, TN 38260

PLEASE LIST NEAREST SERVICE WARRANTY DEALER LOCATION