

**BOARD OF EDUCATION
BEEVILLE INDEPENDENT SCHOOL DISTRICT**

Agenda Item No. _____

Date: May 13, 2008

Subject: Consideration and possible approval for the
purchase of a 47 passenger bus with lift.

Submitted by: Linda O'Connell

Related Pages: 2

Supt's Approval: _____

ACTION

BACKGROUND INFORMATION:

To be purchased from Federal Grant 224 Special Education.

ITEMS ADDRESSED:

Purchase of a 47 passenger Blue Bird Vision bus with lift paid from Special Education Grant in the amount of \$83,091.

RECOMMENDED ACTION:

Approve purchase of special education bus.

BUDGETARY INFORMATION:

Funds for the bus is Fund 224 Special Education Grant.

SCHOOL BUS SPECIFICATIONS

47 Passenger Type C, Conventional School Bus

This quoted bus meets or exceeds all 2007 State of Texas Specifications for School buses as published by the Texas Department of Public Safety.

Size:	47 Passenger size with Lift
Quantity:	One
Model Year:	2009
Bus Chassis:	Blue Bird Vision with best in class "down front" visibility
Hood:	Easy lift with 9 lb. maximum effort to open hood.
Frame:	Dual C channel, 50,000 psi steel.
Engine:	CAT C-7, in line 6 cylinder turbo diesel. 210 HP, 520 lb-ft torque. Road speed governed at 65 MPH.
Exhaust:	4 inch 16 gauge tubing, exiting through the bumper, road side
Wheelbase:	189 inches.
Transmission:	Allison PTS 2500 Automatic Transmission. 5 forward speeds and 1 reverse, "Transynd" synthetic fluid.
Brakes:	Dual air brake system with ABS, automatic slack adjusters, and a Bendix air dryer.
Fuel Tank:	60 Gallon Fuel Tank mounted between the rails behind rear axle, includes spring loaded locking fuel door.
Alternator:	270 AMP Leece-Neville.
Batteries:	Three group 31, 2800 CCA, includes heavy duty locking battery compartment with rollout tray.
Electrical Access:	Exterior lighted compartment with locking door, located below driver's window.
Electronics:	Tachometer, high idle switch, cruise control, hourmeter, voltmeter, and digital clock
Steering:	Power with tilt and telescoping column.
Tires:	Steel belted radial tires, 255/70R22.5 Highway Tread
Wheels:	Hub Piloted steel 10 stud Disc Wheels, 22.5 X 8.25.
Front Axle:	12,000 lbs. rated, oil lubed bearings.
Rear Axle:	21,000 lbs. 5.29 axle ratio
Suspension:	Front, Hendrickson "SOFTEK" variable tapered springs, Hendrickson air suspension system on rear. Shock absorbers required front and rear
Bus Body:	Blue Bird BBCV 2311S.

FEATURES & OPTIONS

Headroom:	77 inches measured from ceiling to top of floor covering at center aisle.
Construction:	Continuous, one piece roof bows, no welds. Formed in, individual rain visors to allow window opening in rain. All Steel body.
Stepwell:	Stainless Steel 3-step stepwell with "pebbletop" step treads with handrails each side.
Windshield:	Windshield shall be four pieces flat, shaded and tinted.
Wipers:	Two speed with intermittent Control, windshield washers with one gallon reservoir.
Front Heater:	Minimum 90,000 BTU front heater with full width defroster.
Rear Heater:	80,000 BTU rear wall mounted heater.
Drivers Fan:	One - 6" driver fan with 2 speed, rocker style switch. Located upper center windshield header.
Windows:	Split sash with 12" opening. Dark tint side and rear windows, tinted driver's window and entrance door glass.
Passenger Seats:	Burgundy color Athol ProForm II fire and graffiti resistant material on seats and barriers. All seats have lap belts for passengers. Eight seats on left side and six seats on right. Last four seats on left side and last two seats on right side are track mounted.
Stop Arm:	Automatic Stop Arm air operated, with reflective surface and two red LED lights.

Roof Hatches:	Two, Specialty ProLo roof hatches.
Push Outs:	Four Pushout windows, two on each side of the bus.
Vision Window:	Forward of entrance door, 7.5" X 13.5" Fresnel lens, allowing driver view of ground forward of entrance door.
Safety Equipment:	First aid kit. Body fluid cleanup kit. Five lb. Fire Extinguisher. Triangle reflector kit. Backing safety horn 112 db.
Drivers Seat:	National high back air suspension seat, with cloth insert, armrest and adjustable lumbar support. Seat belt is a three-point system with adjustable shoulder belt.
Interior Mirror:	10" X 30" Interior Mirror.
Exterior Mirror:	Rosco "EURO" style side view remote control mirrors with flat and convex surfaces. "Mini-Hawkeye" crossview mirrors with the upper portion of mirror tinted.
Body Paint:	Exterior: Polyurethane Paint, Heat cured, National School Bus Yellow, with White roof. Interior: Astro White baked enamel.
Reflective Material:	Reflective vinyl with 1" outlining all emergency exits, 2" along each side below body belt line area, 1 3/4" outlining rear body structure, and "SCHOOL BUS" on front and rear roof caps. Also includes reflective "SCHOOL BUS" on each side of bus.
Full Insulation:	Fiberglass insulation 1 1/2" thick minimum shall be installed in roof, front and rear, including corners of body. Side walls below windows are insulated with Mineral Wool batts.
Noise Reduction:	Perforated acoustic headlining panel first two sections.
Dome Lights:	Two rows equally spaced at center over aisle, Driver's dome light activated with separate switch.
Floor:	Flat floor design, 5/8" treated plywood attached with screws over steel floor, 3/16" thick ribbed Gray rubber in aisle. Smooth Gray rubber floor under seats and drivers area.
Entrance Door:	Door is outward opening and air operated. Includes boarding light.
Emergency Doors:	One (1) 35" Emergency Door installed in the rear of the bus, with positive holding device.
Vandal Lock System:	Entrance door to have key locking system. Rear emergency door to have slide bolt style locking system wired to prevent engine from starting if slide bolt is in locked position.
Lettering:	"SCHOOL NAME" on both sides of the bus 6" tall letters-long lasting vinyl.
LED Lights:	LED lighting for rear turn, brake, marker and ID lights.
Switch Panel:	Drivers switch panel shall be located to the left of the driver's seat, at elbow level for best access and ease of operation.
Power Outlet:	Accessory Power Socket W/Cap located on Drivers Switch Panel
Visor:	Shaded see-through Plexiglas visor shall be on driver's side of windshield, 6.5" x 30".
Glove Box:	Located in dash area with locking door latch.
Mud Flaps:	Mud flaps mounted behind front and rear wheels.
Wheelchair Lift:	Ricon S5010 fully automatic with 34" x 54" platform compliant with FMVSS 403 & 404 mounted at right rear of bus.
Wheelchair Positions:	Three positions using 4 channel flush mounted "L" track, two positions at left rear of bus and one position on right in front of lift. Track mounted seats over the wheelchair positions. Three sets of retractor type tie downs with occupant restraints.
Air Conditioning:	108,000 BTU with 2 interior evaporators.

WARRANTY - DELIVERY

Warranty:	Five year/ 100,000 mile warranty coverage on body shell, paint adhesion, and seat frames. 5 year/100,000 mile engine warranty on Cummins diesel engine.
Delivery:	Vendor shall deliver vehicle to School.

Price
\$83,091.00