

**BATH LOCAL SCHOOL DISTRICT
2650 BIBLE ROAD
LIMA, OHIO 45801**

**SCHOOL BUS BID NOTICE
AND
SPECIFICATIONS**

**July 11, 2018
9:00 a.m.**

**BATH ADMINISTRATION OFFICE
2650 BIBLE ROAD, LIMA, OH 45801**

**Annette Morman
Treasurer**

**Keanna McNamara
Transportation Supervisor**

**Bidder must use attached bid sheets
to be considered.**

SCHOOL BUS SPECIFICATIONS

Instructions and Conditions for Submitting Bids

1. The purchaser desires to purchase one (1), or more, Eighty Four (84) passenger 2019 or newer school bus/es.
2. All bus specifications shall meet or exceed specifications as set forth by the Ohio Department of Public Safety, Federal Department of Transportation and the Ohio Department of Education, minimum construction standards.
3. Bids must be made in triplicate. **Bidder is required to use the enclosed bid forms.** The third copy is provided for the bidder's own record. The name and address of the bidder and the date of opening must be shown on the envelope containing each bid and be addressed to Annette Morman, Treasurer.
4. **Any exceptions taken to the specifications or alternates provided must be listed on a separate page and explained.** Actual bid figures must be provided on the bidding forms provided.
5. The successful chassis bidder shall deliver the chassis to the body plant. The successful body bidder shall deliver the installed body to the chassis dealer for final service. The chassis dealer shall deliver to Bath Schools, ready for transporting pupils.
6. All prices must be firm for a period of thirty (30) days. Check your bid carefully, no corrections are accepted after bids are opened. Bidders must deliver at prices quoted even if prices are in error.
7. Federal and State taxes should not be included.
8. Quotations must be F.O.B. destination.
9. Delivery must be within 8 (eight) weeks of bid opening. **State delivery date of completed units on bid forms.**
10. Cash discounts of ten (10) days or more will be considered in determining the final net price bid. Cash discounts will be considered earned if payment is made within the time stipulated after acceptance of the bus or receipt of a correct invoice, whichever is later.
11. The purchaser may accept or reject any or all bids including those with explained exceptions to the specifications. The purchaser may waive defects in the form of the bid when no prejudice will result to the rights of any bidder or the public.
12. A notarized statement must accompany the bid affirming that at the time the bid is submitted, the vendor is not charged with any delinquent personal property taxes on the general tax list of personal property of any county in which the taxing district has territory. This is a requirement under Section 5719.042 of the Ohio Revised Code.
13. There is one bus from the purchaser that may be traded. Trade-in allowance to be stated on bid forms.

Bus that may be considered for trade-in:

Bath Local Bus #24
2001 Bluebird 72 Psg.
160,750 miles

Bidders may contact Mr. Scott Williams
at the Bath Bus Garage to examine the
trade-in buses. 419-221-0807 ext 5166

SCHOOL BUS SPECIFICATIONS, 84 PASSENGER
CHASSIS SPECIFICATIONS

Air Compressor: 18.7 CFM capacity at 2400 RPM, water-cooled, gear driven. Clean inlet air obtained from charge air at engine intake. Air tank capacity 4760 cubic inch.

Alternator: 12 Volt, 240 amp, 146 amps at hot idle.

Axle, front: 13,200 lbs. Capacity, full power steering including oil seals.
Axle, rear: 21,000 lbs. Capacity, single speed with 5.29 ratio.

Battery: Three - 12 volt Group 31, 2100 CCA. Mounted in roll-out tray with retaining pin. Door side hinged with recessed locking handle. Must have turn off switch option to turn off battery power during the summer months.

Brakes, service: Dual full air, 16.5 x 6 front and 16.5 x 7 rear. "S" cam. Non-asbestos extended wear lining. Automatic slack adjusters. Bendix AD-9 air dryer. Brake dust shields.

Brakes, emergency: 30-sq. inch spring brake system with treadle valve control. Separate valve for parking.

Controls: Adjustable high idle switch. Electronic cruise control. Key-type starter and stop switch. Dash mounted transmission shifter. Tilt/Telescopic steering wheel. Rheostat dash dimmer on headlight switch.

Engine: Diesel, in-line 6 cylinder, turbo charged, 220 HP @ 2400 RPM. 2013 Emissions compliant. Engine block heater 1700 watt. Heated Fuel/Water separator, Viscous fan, Automatic air intake pre-heater to assist cold starting. 15 Gallon DEF tank located to the rear of the step well w/ locking door.

Engine Brake: VGT Engine brake to be included.

Exhaust: Four inch 16 gauge aluminized steel tail pipe to exit in front of left rear wheel.

Fuel tank: Aluminized steel, 100 gallon or larger. Spring loaded, locking fuel door and sending unit access plate required.

Instruments: Speedometer Water temperature gauge
 Odometer Dual air pressure gauges
 Voltmeter Oil pressure gauge
 Fuel level gauge Low air pressure warning light & buzzer
 Ammeter Low coolant warning light and buzzer
 Tachometer Hour meter
 Digital clock, dash mounted Headlights "left on" warning chime
 Resettable trip odometer Transmission temperature gauge
 Engine warning system high water temp/low oil pressure

Lights: Halogen headlights. Daytime running lights.

Manuals: Complete maintenance manual and a list of all of the parts used in the bus with part numbers shall be provided.

Shock Absorbers Front and rear, double action piston type.

Transmission: Allison automatic, model 2500 PTS. Transmission oil cooler separate from radiator.

Tires: All tires must be 16 ply radial tubeless tires.

Tow Hooks: Two front and rear, frame mounted.

Warranty: Extended Warranty - Minimum required - Chassis two (2) years, 24,000 miles
Engine 6 years unlimited miles Transmission 5 year unlimited miles

Wheels: 10 Stud disc type, hub-piloted, 22.5 x 8.25

Wheelbase: Maximum 232"

Wiring: Color and number coded wiring. Locking outside wiring access door 27" x 16" located just below the driver's window with a 12 volt light controlled by a switch.

BODY SPECIFICATIONS

- Bumpers:** 1/4" plate steel front, 3/16" plate steel rear, one piece, die-formed. Frame mounted, front and rear at least 12" in height. Bumpers and bracing to be designed to permit lifting vehicle with a bumper jack. Front steel bumper to include a plate with a white reflective background for placement of State ID number.
- Construction:** Floor 14 gauge steel sections to be joined first by welding then riveting utilizing a 1/8 inch thick steel backing plate on one side and a 3/16 inch steel angle iron on the other side to form a "Main cross member" of 1/2 inch thick steel. Body to be clamped to the frame rails using these cross members not the 14 gauge floor panels.
- Panels, roof, ceiling exterior and interior side panels must be fastened with rivets. Full Length Acoustic Head Liner. Sheet metal screws are not acceptable. Rain visors over side windows to be embossed in roof panels to reduce seams.
- Rub rails, four applied rub rails located as follows; one below windows, one at passenger level, one near floor line, and one at the bottom of the skirt.
- Interior wheel housings to be protected with a one piece molded rubber cover.
- Door, entrance:** Air operated, outward opening. Grab rails located on both sides.
- Door, emergency:** A rear emergency door is required 52.5" x 37.7". Door to have dual 6" hinges with grease fittings and a positive retainer to hold the door in the open position. **No tinting on rear emergency door window.**
- Floor:** 5/8" Marine Grade plywood, screwed down, rubber flooring. **Gray flooring.**
- Heaters:** All heaters with the exception of the driver's, are required to have cleanable 90,000 BTU right front heater, three speeds, with defroster for entrance door and windshield.
- 50,000 BTU Midship heater located in front of rear wheelhouse and mounted off the floor with a two-speed fan.
- 50,000 BTU rear heater located behind rear wheelhouse and mounted off the floor with a two-speed fan.
- Two 6" auxiliary fans with two speed motors located above the windshield Left and Right to assist with defrosting.
- Two fresh air vents controlled by the driver.
- Insulation:** Fiberglass insulation R value of 5.77 located in the ceiling with mineral wool insulation in the side walls to reduce settling with additional insulation in driver's area.
- Lettering:** Per State requirements.
- Lights:** Warning light system meeting current State specifications shall be furnished with a Weldon flasher. Warning lights shall be hooded to improve visibility.
- Seven-inch stop, tail, brake, turn signal, and back-up lights. Rear belt line lights to be mounted on a black background to improve visibility.
- Separate dome light for the driver, other dome lights to be mounted over the aisle.
- 16 Lamp interior exterior light monitor mounted inside driver's compartment.
- Mirrors:** All exterior mirrors to be heated and side mirrors to be remote control.
- Paint:** Exterior, heat cured polyurethane.
- Radios:** AM/FM/**CD** radio with PA system. Six (6) inside speakers flush mounted with wiring, one (1) outside speaker with wiring flush mounted.

Roof:	Two Transpec Roof Hatches. Insulated with sound control. Roof to be White.
Rust proofing:	Body parts thoroughly rust proofed after fabrication and before assembly.
Seat, driver's:	Six-way cloth covering, air ride, adjustable, hi-back, pedestal type with a foam cushion and back. Entire seat adjustable without tools. Height adjustable driver's shoulder belt required.
Seats, passenger:	42 oz. seat upholstery. Cushions to have plywood bottoms. Seat frames constructed with square steel tubing and "C" channels with a metal filler panel in the seat back for added strength. Seatbelt ready frames.
Security Camera	Angel Trax camera system installed and ready to run, most recent version, 4 interior cameras, one front, one mid-way back, one in the back, and one looking at the driver's seat & dash area and showing the bus entry door. All cameras with- infrared illumination.
Stepwell:	Three step, galvanized <u>insulated</u> , non-skid rubber covered steps, bolted on. Sides lined with rubber for insulation.
Stop Sign:	Two - Air Operated Stop Signs – <u>Electric is non-acceptable</u> .
Storage Compartments:	Minimum of four.
Strobe Light:	Strobe light to be mounted at rear of bus, low profile, offset.
Undercoating:	Unit to be fully undercoated before mounting on chassis and baked on.
Windshield:	Assist handles installed above the windshield and stirrup steps in the front bumper for easy access to clean windshield. Shaded.
Windows:	Passenger windows and driver's window to be tinted. Four emergency push out windows. Rear windows not to be tinted.
Wiring:	Color coded in molding above side windows. Body wiring protected by automatic resetting circuit breakers. Locking outside wiring access door.
Optional Equipment:	Extended Warranties: Engine – 8 Years, 150,000 Mileage Power Accessory Socket Transmission – 5 Years, Unlimited Mileage

NOTES: **Any exceptions taken to these specifications or alternates provided must be listed on a separate sheet and explained.**

ONLY BIDS SUBMITTED ON THIS FORM WILL BE ACCEPTED

**BATH LOCALSCHOOLS
2650 BIBLE ROAD
LIMA, OH 45801**

SCHOOL BUS COMPLETE UNIT

Dealer: _____

Dealer Address: _____

Make: _____

Model: _____

Rated Capacity: _____

Base Price Per Unit: _____

Base Price Per Complete Unit (Chassis and Body): _____

List any specifications or options and cost **not included** in Base Price:

_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

INDICATE IF UNIT BID MEETS SPECIFICATION: YES _____ NO _____

DELIVERY DATE _____

TRADE-IN ALLOWANCE: _____

Signature of Bidder

Date

ONLY BIDS SUBMITTED ON THIS FORM WILL BE ACCEPTED

**BATH LOCALSCHOOLS
2650 BIBLE ROAD
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SCHOOL BUS BODY

Chassis Dealer: _____
Dealer Address: _____
Chassis Make: _____
Chassis Model: _____
Rated Capacity: _____
Base Price Per Unit: _____

List any specifications or options and cost **not included** in Base Price:

_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

INDICATE IF UNIT BID MEETS SPECIFICATION: YES _____ NO _____

DELIVERY DATE _____

TRADE-IN ALLOWANCE: _____

Signature of Bidder

Date

ONLY BIDS SUBMITTED ON THIS FORM WILL BE ACCEPTED

**BATH LOCALSCHOOLS
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SCHOOL BUS CHASSIS

Body Dealer: _____

Dealer Address: _____

Body Make: _____

Body Model: _____

Rated Capacity: _____

Base Price Per Unit: _____

List any specifications or options and cost **not included** in Base Price:

_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____

INDICATE IF UNIT BID MEETS SPECIFICATION: YES _____ NO _____

DELIVERY DATE _____

TRADE-IN ALLOWANCE: _____

Signature of Bidder

Date