

WOOD COUNTY BOARD OF DEVELOPMENTAL DISABILITIES

1921 E. Gypsy Lane Road  
Bowling Green, OH 43402

(419) 352-5115

**SPECIFICATIONS AND BID FORM**  
**for**  
**MINIMUM BUS SPECIFICATIONS**

Bus specification - **One (1), 2022 or 2023 or newer**, 72 passenger type C, with flat floor and lift (handicapped).

Bidders must bid all items as required by the State of Ohio as stated in Ohio School Bus Minimum Standards as well as all applicable Federal Standards.

Specifications equal or better may be considered as an appropriate bid but must be noted as alternate.

Bidders are required to use the Wood County Board of Developmental Disabilities Specifications and Bid Forms. In addition to the required regulations, bidders are to include the following items and check the appropriate column.

Bus body and chassis herein are to be used for transporting students to and from public school and school activities. As such, they must conform to or exceed all applicable Federal Motor Vehicle Safety Standards and current state specifications requirements.

Please bid specifications requested in the base bid. Indicate any exceptions, as bus provided must meet bid specifications. Exceptions must be noted on this form.

One (1) new 2022 or 2023 or newer model, 72 passenger front engine school bus with flat floor minimum of 77" interior headroom.

**I. CHASSIS SPECIFICATIONS**

Yes No Alternate

**ACCELERATOR**

A. Electronic hand throttle or fast idle switch.

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**AIR CLEANER**

A. Single stage air cleaner with replaceable element and locking restriction indicator.

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B. The air intake to be located above the top of radiator for cooler and cleaner air.

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**ALTERNATOR**

A. Bosch or equivalent twelve-volt alternator of not less than 200 amps. 96 amps at idle.

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**AXLE (FRONT)**

A. Heavy duty with 10,000 lbs. minimum capacity.

\_\_\_ \_\_\_ \_\_\_

B. Oil lubed front hubs with sight glass.

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C. 50 degree minimum wheel cut for the best turning radius.

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**AXLE (REAR)**

A. Heavy duty with 17,000 lbs. minimum.

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**BATTERIES**

Yes No Alternate

- A. Three 12-volt batteries with 2800 cold cranking amps total. Must be group 31 maintenance free. Stud post.
- B. Must be mounted on ball bearing slide-out tray.

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**BRAKES**

- A. The service brake to be full air brake system (disc type).
- B. Minimum 13.2 CFM belt driven air compressor.
- C. Minimum three individual air reservoirs.
- D. Dust shields front and rear.
- E. ABS brakes.
- F. Bendix model ADIP or AD-9 or equivalent heated air dryer with spin on filter.

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**COOLING SYSTEM**

- A. Heavy duty radiator.
- B. Sight glass / transparent reservoir for coolant level required.
- C. Viscous fan clutch.

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**DESIGN**

- A. Type C bus with 3 piece easy tilt hood.

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**ENGINE**

- A. Propane powered engine with 750-watt block heater with front-receptacle box to plug in cord.
- B. 265 HP min., approximately 450 ft/lb. torque.
- C. Full flow type oil filter, replaceable spin on element, Full-Synthetic Motor Oil

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**FRAME**

- A. All bolted construction using Grade 8 self-locking frame bolts.
- B. Minimum dimensions:
  - 1. 10 1/8" frame height
  - 2. 3" flange width
  - 3. 5/16" minimum thickness
- C. Heavy duty 7" or 8" high end to end cross members.

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**FUEL TANK**

- A. 75 gal min – propane
- B. Fuel fill door – located on right side (door side)

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**SHOCK ABSORBERS**

- A. Heavy duty shocks with a minimum of two front shocks and two rear.

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**SUSPENSION**

- A. Front 10,000 lbs. spring suspension.
- B. Rear 19,000 air suspension.

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|  | Yes | No | Alternate |
|--|-----|----|-----------|
| <b>STEERING GEAR</b>   |     |    |           |
| A. Integral full power.  | —   | —  | —         |
| <b>STEERING WHEEL</b>  |     |    |           |
| A. Heavy duty mounting.  | —   | —  | —         |
| B. 18" minimum diameter soft touch wheel.  | —   | —  | —         |
| C. Tilt.   | —   | —  | —         |
| <b>TIRES</b>   |     |    |           |
| A. 16 ply tubeless 255/70/22.5 tires to be installed   | —   | —  | —         |
| <b>TRANSMISSION</b>  |     |    |           |
| A. Automatic transmission, full-synthetic fluid  | —   | —  | —         |
| B. Equipped with Trans cooler.   | —   | —  | —         |
| <b>WARRANTY</b>  |     |    |           |
| A. Engine - 5 year, 100,000 miles, 100% parts and labor.   | —   | —  | —         |
| B. Transmission - 7-year unlimited mileage.  | —   | —  | —         |
| <b>WHEELS</b>  |     |    |           |
| A. Alcoa Aluminum  | —   | —  | —         |
| <b>WHEELBASE</b>   |     |    |           |
| A. Shall be proper wheelbase to support the specified 72 passenger body. Minimum 270" to 276" wheelbase. | —   | —  | —         |

## II. BODY SPECIFICATIONS

|   |   |   |   |
|---|---|---|---|
| <b>BRAUN LIFT</b>   | — | — | — |
| A. Millennium 1,000 lb, or equal, with 34" Platform.  | — | — | — |
| B. ADA Lift Door 43" Wide, 69.75" High - 1 doors.   | — | — | — |
| C. Lift location rear right side.   | — | — | — |
| D. Stanchion and barrier in front of wheelchair lift not to exceed 30" from side wall.            | — | — | — |
| <b>OCCUPANT RESTRAINT SYSTEM</b>  |   |   |   |
| Sure Lok Retractor Series for L-Track or equivalent.  | — | — | — |
| The parts and numbers are below.  |   |   |   |
| A. Six (6) retractor Kit FE200855S/FE200907S or equivalent. (S-hooks)<br>(Quantity 24 retractors) | — | — | — |
| B. Six (6) Integrated Lap Belt Kit (96" long) or equivalent.<br>(Quantity 6 lap belts)            | — | — | — |
| C. Six (6) Shoulder Belt (82" long) or equivalent.<br>(Quantity 6 shoulder belts)                 | — | — | — |
| D. Six (6) Mesh Storage Container #FE201145 or equivalent.  | — | — | — |

|  | Yes | No  | Alternate |
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| <b>BUMPERS</b>   |     |     |           |
| Must be able to withstand jacking up of bus with bumper lift jack.   | ___ | ___ | ___       |
| <b>COLOR</b>   |     |     |           |
| A. EXTERIOR: National School Bus Yellow with baked polyurethane paint only.  | ___ | ___ | ___       |
| B. EXTERIOR ROOF: to be painted white with baked polyurethane paint only.  | ___ | ___ | ___       |
| <b>CONSTRUCTION</b>  |     |     |           |
| A. Vehicle MUST be constructed to meet or exceed all Federal Motor Vehicle Safety Standards and State specifications in effect at time of manufacture. | ___ | ___ | ___       |
| B. Bow frames shall be continuous one-piece design from floor line to floor line.  | ___ | ___ | ___       |
| C. Side minimum 16-gauge panel.  | ___ | ___ | ___       |
| D. Wheel chock storage on right side exterior 12" x 12" x 12" min  | ___ | ___ | ___       |
| <b>EMERGENCY EXITS</b>   |     |     |           |
| A. 2-specially low-profile roof hatch is required, 4 push out windows with audible alarm.  | ___ | ___ | ___       |
| <b>EXTERIOR LETTERING</b>  |     |     |           |
| B. Lettering on bus per State and Federal standards.   | ___ | ___ | ___       |
| C. Buses to have reflective striping, front and rear school bus signs to be reflective per State and Federal standards.                                | ___ | ___ | ___       |
| <b>HEATERS/DEFROSTERS/AC</b>   |     |     |           |
| A. Front heater(s) 90,000 BTUs minimum. 50,000 BTU right front   | ___ | ___ | ___       |
| B. 50,000 Btu mid-ship , 80,000 Btu Right rear wall heaters.   | ___ | ___ | ___       |
| C. Full length defroster channel required at base of windshield.   | ___ | ___ | ___       |
| D. Two heater shut off valves to be in engine compartment, will be ball valves. Easily accessible heater shut off valves.                              | ___ | ___ | ___       |
| E. Two 6" defrosting fans above windshield.  | ___ | ___ | ___       |
| F. Heat circulation pump   | ___ | ___ | ___       |
| G. Rooftop condenser 120,000 BTU or greater  | ___ | ___ | ___       |
| H. Vents in front and rear bulkheads   | ___ | ___ | ___       |
| <b>IDENTIFICATION</b>  |     |     |           |
| A. WOOD LANE SCHOOL - WOOD COUNTY on both sides of each bus.   | ___ | ___ | ___       |
| B. New Bus Number – 19   | ___ | ___ | ___       |
| a. Number placed near front service door is at approximately eye level   | ___ | ___ | ___       |
| <b>INTERIOR</b>  |     |     |           |
| A. Free of all unnecessary projections. Hemmed edges on interior panels.   | ___ | ___ | ___       |
| B. Interior side panels below side windows to seat rail to be marproof aluminized panels.  | ___ | ___ | ___       |
| C. 77" minimum. To include 12" window openings to provide largest opening for emergency use.   | ___ | ___ | ___       |
| D. Air operated outward opening entry doors with 35" minimum stepwell, all equal steps.  | ___ | ___ | ___       |
| E. Handrails on each side of step well.  | ___ | ___ | ___       |

Yes No Alternate

- F. Install body fluid kit with safety equipment.
- G. Driver glovebox
- H. One-piece floor covering
- I. Two-way radio pre-wired and antenna.

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**EXTERIOR LIGHTING**

- A. Universal round eight-way warning lights system hooded to improve visibility.
- B. 7" round universal stop tail turn signal and back up lights.
- C. Install low profile strobe light behind rear hatch. LED.
- D. Complete LED light package, every light.
- E. Lamp-check system
- F. Engine compartment light
- G. Supplemental warning lights – front and rear, bumper mount, in accordance with Ohio State Highway Patrol specifications.

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**INSULATION**

- A. Ceiling, sides, front and rear to be insulated with 1.5" minimum (no exceptions).

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**INSTRUMENT PANEL**

- A. Instruments on dash:
  - a. Speedometer/odometer
  - b. Voltmeter.
  - c. Low oil pressure warning light and buzzer.
  - d. Oil pressure gauge.
  - e. Water temperature gauge.
  - f. High water temp, warning light and buzzer.
  - g. Hour meter
  - h. Tachometer
  - i. Fuel level
  - j. Headlight indicator.
  - k. Self-canceling directional signals.
  - l. Emergency door audible alarm.
  - m. Lift door with green flashing light on dash
  - n. AM/FM radio
  - o. Dual air pressure gauges.
  - p. Dual horns
  - q. 12-volt accessory plug
  - r. Railroad quiet switch
  - s. Transmission temp gauge
  - t. Cruise control

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**MIRROR**

- A. FMVSS 111 exterior rear view. Power adjust, heated. Rosco Avia Style or Rosco Eurostyle or equivalent

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Yes No Alternate

- B. Two quadri spherical crossover, Heated.
- C. 6" x 30" interior passenger mirror with sun visor.
- D. Mirrors must be mounted in a way that eliminates vibration.

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E. Exterior stainless mirror brackets

**MUD FLAPS**

A. Front and rear required. No advertising or dealership markings.

**OPENINGS**

A. All openings in floor, floorboard, firewall, or bulkhead between chassis and body shall be properly sealed to prevent water, dust, or exhaust from entering the passenger compartment.

**OWNERS MANUALS**

A. Must furnish parts manuals and service manuals with each bus.

**SEATS**

A. Passenger seat frames to be powder coated flat black with blue upholstery.

B. Driver's seat shall be air operated, high back and tilt back with lumbar support cloth covering and right arm rest.

C. Seat barriers will have kick panels to floor

D. Seat spacing 30" seat back to seat back

E. 4 - 30" right side, 2 seat belts per seat. (3 permanent and 1 track seat)

F. 6 - 36" or 39" left side, 2 seat belts per seat. (All track seats)

G. 3 point seat belts installed

H. Powder coated L track on seats.

1. Powder coated L-track from barrier in front of lift to first permanent seat on right side of bus.

2. Full length on left side of bus starting at rear wall and continuing forward for full length of bus.

3. 4. Shoulder strap L track for wheelchairs on side of bus to be length of L track on floor.

**RUBRAILS**

A. Minimum of four rub rails on sides. All rub rails to be sealed to prevent road salt and mud from getting behind rails and painted black.

**TOWING**

A. Four towing hooks to be provided, 2 front and 2 rear.

**UNDERCOATING**

A. Chassis must be painted after assembly and prior to body installation. Entire Underbody and body mountings to be undercoated after body to chassis mounting.

Yes No Alternate

**VENTILATION**

A. Static roof ventilator front section of bus.

B. Driver controlled fresh air vent.

**WARRANTY**

A. A 100,000 mileage warranty must be provided.

1. 5 years - Frame, cross members, body structure, rust deterioration,

paint adhesion, seat and barrier frames.

- 2. 2 years - all original components manufactured by company \_\_\_ \_\_\_ \_\_\_\_\_
- 3. 1 year - all vendor supplied items \_\_\_ \_\_\_ \_\_\_\_\_
- B. All warranty work to be done on premises or transported by Dealer at Dealers expense. \_\_\_ \_\_\_ \_\_\_\_\_
- C. Bus must pass Ohio State Highway Patrol inspection prior to payment. \_\_\_ \_\_\_ \_\_\_\_\_

**WINDOW**

- A. Passenger windows to provide approximate 12" openings. \_\_\_ \_\_\_ \_\_\_\_\_
- B. Release mechanism for windows must be integrated into sash for easier operation. \_\_\_ \_\_\_ \_\_\_\_\_
- C. All latches shall be removable and replaceable without removing the window. \_\_\_ \_\_\_ \_\_\_\_\_
- D. Dark tinted side windows. \_\_\_ \_\_\_ \_\_\_\_\_
- E. Windows must have aluminum or rubber molding. \_\_\_ \_\_\_ \_\_\_\_\_

**WINDSHIELD**

- A. Shaded top of windshield. \_\_\_ \_\_\_ \_\_\_\_\_

**WINDSHIELD WIPERS AND WASHERS**

- A. One H.D. electric operated intermittent control. \_\_\_ \_\_\_ \_\_\_\_\_
- B. Washer reservoir shall be 1gallon capacity minimum. \_\_\_ \_\_\_ \_\_\_\_\_

**WIRING**

- A. Color coded, numbered and fire retardant. \_\_\_ \_\_\_ \_\_\_\_\_
- B. Wiring encased in loom with convoluted properties. \_\_\_ \_\_\_ \_\_\_\_\_
- C. Noise suppression switch. \_\_\_ \_\_\_ \_\_\_\_\_
- D. Wiring to be accessible without removing or loosening side windows or roof sheets. \_\_\_ \_\_\_ \_\_\_\_\_
- E. Fastened at no more than 24" intervals. \_\_\_ \_\_\_ \_\_\_\_\_
- F. Override switch must work in any key position, including the key being out of the ignition \_\_\_ \_\_\_ \_\_\_\_\_

**LOCKS**

- A. No locks \_\_\_ \_\_\_ \_\_\_\_\_

**BID FORM FOLLOWS**

**One (1) 2022 or 2023 or newer 72 Passenger Type C, Flat Floor with Wheelchair Lift (Handicapped)**

Each \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

Total New Purchase Price \$ \_\_\_\_\_

Trade-In – (1) 2010 Blue Bird Propane Bus, local bus #10 \$ ( \_\_\_\_\_ )

Total F.O.B. Wood County Board of Developmental Disabilities \$ \_\_\_\_\_

Please provide a quote for each of the following options:

A. Quote engine diagnostic software and hardware package specific to manufacture \$ \_\_\_\_\_

OPTIONS \$ \_\_\_\_\_

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Name of Authorized Representative (Print)

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State Zip

\_\_\_\_\_  
Telephone Date

\_\_\_\_\_  
Date of Delivery

Note: Yes

1. Have you included your bid bond? \_\_\_\_\_

2. Have you signed your bid? \_\_\_\_\_

3. Have you included your property tax non-delinquent form, properly executed? \_\_\_\_\_

4. Have you included your non-collusion affidavit form, properly executed? \_\_\_\_\_



**AFFIDAVIT OF CONTRACTOR OR SUPPLIER OF NON-DELINQUENCY  
OF PERSONAL PROPRTY TAXES – O.R.C SECTION 5719.042**

State of Ohio, )

SS:

County of Wood, )

TO: The undersigned being first duly sworn, having been awarded a Contract by you for \_\_\_\_\_ hereby states that we were not charged at the time the Bid was submitted with any delinquent personal property taxes on the general tax list of personal property of any County in which you as a taxing district have territory and that we were not charged with delinquent personal property taxes on any such tax list.

In consideration of the award of the Contract, the above statement is incorporated in said Contract as a covenant of the undersigned.

\_\_\_\_\_  
Signature and Title

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 2020

\_\_\_\_\_  
Notary Public

(Seal)

My Commission expires:

\_\_\_\_\_  
Date

Ohio Revised Code Section 5719.042 provides as follows:

After the award by a taxing district of any Contract let by competitive Bid and prior to the time the Contract is entered into, the person making a Bid shall submit to the district's fiscal officer a statement affirmed under oath that the person with whom the Contract is to be made was not charged at the time the Bid was submitted with any delinquent personal property taxes on the general tax list of personal property of any County in which the taxing district has territory or that such person was charged with delinquent personal property taxes on any such tax list, in which case the statement shall also set forth the amount of such due and unpaid delinquent taxes and any due and unpaid penalties and interest thereon. If the statement indicates that the taxpayer was charged with any such taxes, a copy of the statement shall be transmitted by the fiscal officer to the county treasurer within thirty days of the date it is submitted.

A copy of the statement shall also be incorporated into the Contract, and no payment shall be made with respect to any Contract to which this section applies unless such statement has been so incorporated as a part thereof.

**NON-COLLUSION AFFIDAVIT**

State of Ohio, )

SS:

County of Wood, )

I, \_\_\_\_\_ being first duly sworn, deposes and says that he/she is the \_\_\_\_\_ or authorized representative of \_\_\_\_\_ or is the party submitting this bid; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly or indirectly colluded, conspired, connived, or agreed, indirectly or indirectly, with any other bidder or person, to submit a sham bid, or refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid price of affiant or any said bidder; to fix any overhead, profit, or cost element of said bid price, or of that of any other bidder; to secure any advantage against the County of Wood or any person or persons interested in the proposed contract; that all statements contained in such proposal of bid are true and that, such bidder has not, directly or indirectly, submitted this bid, or the contents thereof, or divulged information or data relative thereto to any other potential bidder. Further, Affiant affirms that no county employee has any financial interest in this company, or the bid being submitted.

\_\_\_\_\_  
Affiant Signature and Title

Sworn to before me and subscribed in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 2020

\_\_\_\_\_  
Notary Public

(Seal)

My Commission expires:

\_\_\_\_\_  
Date