

## **BID PROPOSAL**

(SUBMIT IN DUPLICATE)

Having read the Bidding Documents and the Specifications in their entirety, prepared by the Austintown Local School District for said project; the undersigned hereby proposes to furnish all equipment for:

### **Austintown Local SCHOOL DISTRICT**

Fourteen (14) total seventy eight passenger, Propane fueled buses

Four (4) units equipped with wheelchair lift and seat belt seat option.

Austintown Local School District will consider bids that will encompass the entire specifications.

#### **SUBMITTED BY:**

NAME OF FIRM:

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STREET ADDRESS:

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CITY, STATE, ZIP:

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CONTACT PERSON:

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PHONE #:

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FAX #:

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EMAIL:

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## Minimum Specifications Complete Unit: 78 Passenger

### INSTRUCTIONS:

**Column 3:** Enter 'YES', if Item is included

**Column 4:** Enter any descriptive or clarification comments, as needed. Add extra sheets, citing Item #, if required.

	2 Description			3-Included?		Comments
		<b><u>CHASSIS SECTION</u></b>				
1.	<b>AIR CLEANER</b>	The air intake and air cleaner shall be readily accessible for servicing. The air cleaner shall include an air restriction indicator. The air filter shall be a heavy duty single stage type.				
2.	<b>AIR SYSTEM</b>	Compressor shall be 13.2 CFM at 2400 RPM minimum and shall be gear driven. All air lines are to be nylon (or equivalent) and color coded for ease in identification. Air dryer to be included. Total air tank capacity to be 4260 cu. in.				
3.	<b>ALTERNATOR</b>	Shall be 12 volts; 240 amps minimum				
4.	<b>AXLES</b>	Front shall be heavy duty 12,000 lbs. full				

		power steering. . Rear axle shall be 23,000 lbs. capacity. Single speed, oil slinger.				
5.	<b>BATTERY</b>	Shall be Three Group 31, 12 volt, 2100 CCA, deep cycle, mounted in a box slide out tray.				
6.	<b>BEARINGS</b>	Front wheel bearing shall be gear oil type, rear shall be single speed, oil slinger type.				
7.	<b>BRAKES – SERVICE</b>	Dual full air, 16.5x5 front and 16.5x7 rear."S" cam, Non-asbestos extended wear lining. Automatic slack adjusters. Bendix AD-IP air dryer. Dust shields.				
8.	<b>BRAKES - EMERGENCY.</b>	30 sq. in. spring brake with treadle valve. Separate valve for parking, E-Z grip cover				
9.	<b>ELECTRICAL</b>	Circuit protection shall be automatically resetting circuit breakers. All wiring shall be color coded and numbered. Complete schematics shall be provided with each bus. Two spare wires running to the rear of the bus for future use.				

10.	ENGINE	6.8 Liter, Liquid propane autogas fuel system. Dual fuel pumps mounted inside the fuel tank.				
11.	EXHAUST	Tail pipe to exit ahead of left side dual rear wheels.				
12.	FUEL SYSTEM	Fuel systems using liquefied petroleum gas (LPG) shall comply with the NFPA Standard 58 "Liquefied Petroleum Gases Engine Fuel Systems" in effect at the time of installation.				
13.	INSTRUMENTS	Shall include speedometer with seven digit odometer, amp meter, tachometer, hour meter, gauges for oil pressure, coolant temperature, transmission temperature, voltage, and dual air pressure gauges. Audio/visual warning system for low oil pressure, high coolant temperature, and low air pressure. Headlights "left on" warning chime. Warning system must not shut down engine. Digital clock, dash mounted and resettable				

		trip odometer. Horn, electric, dual tone.				
14.	<b>KEYS</b>	Key type start and stop switch. Dash mounted transmission shifter.				
15.	<b>MANUALS</b>	Complete maintenance and parts manuals shall be provided with bus.				
16.	<b>SHOCKS</b>	Front and rear shall be heavy duty, direct acting double action piston type.				
17.	<b>STEERING</b>	Steering column shall include tilt and telescope. Pump shall be gear driven. Electronic cruise control. Adjustable high idle switch				
18.	<b>SUSPENSION</b>	Front: Parabolic springs 10,000 lbs. Rear: Air ride 23,000 lbs. capacity.				
19.	<b>TIRES</b>	11R 22.5, 14 ply radial tubeless tires. All rear tires lug type				
20.	<b>TRANSMISSION</b>	Automatic				
21.	<b>WARRANTY</b>	<p>Minimum requirements:</p> <hr/> <p>-- Chassis two (2) year 24,000 miles;</p> <hr/> <p>-- Engine five (5) years 100,000 miles;</p>				

		<hr/> -- Transmission five (5) year unlimited miles. <hr/> (Optional extend warranty will be considered.) <hr/>				
22.	<b>WHEELS</b>	10 Stud disc type, hub-piloted, 22.5 x 8.25.				
23.	<b>WHEELBASE</b>	Maximum of 280", curb turning radius not to exceed 35.3 feet.				
24.	<b>TOW HOOKS</b>	Bus shall be supplied with front and rear tow hooks.				

1 Item	2 Specification		3 Included?		4 Comments
		<b><u>BODY SECTION</u></b>			
1.	<b>BATTERY COMP</b>	Enclosed compartment with sliding tray. Tray to be held in place with a retaining pin. Door hinged at the side with a recessed handle.			
2.	<b>BUMPERS</b>	Front and rear, plate steel, one piece, die-formed. Frame mounted, front and rear at least 12" in height. Front bumper to include a plate with a white reflective background for placement of State ID number.			
3.	<b>CONSTRUCTION</b>	Four rub rails to be applied to exterior side panels. Positions shall be at bottom of window edge, at seat level, at floor level, and at the bottom of the side panel. Shall be painted black. 16 gauge side panels 15-½" skirt. Colorado rack test compliant. Full length bows from floor line to floor line. Roof bows not to extend below floor. Rain visors over side windows to be embossed in roof panels to reduce seams.			
4.	<b>CROSS ARM</b>	Air operated bumper mounted crossing gate.			

5.	<b>DEFROSTERS</b>	To be 90,000 BTU minimum. Windshield to have full length defroster channel to supply even defrosting. Two auxiliary fans mounted on dash so as not to work against defrosters.			
6.	<b>DRIVER SEAT</b>	6-Way adjustable. Air suspension, high-back, vinyl upholstery with a foam seat cushion and back, entire seat to be adjustable without tools. Adjustable, orange driver's shoulder belt required. Storage pouch to be furnished behind driver's seat.			
7.	<b>LIGHTS</b>	Two halogen headlights, daytime running lights. Shall be ten (10) interior overhead lights with clear plastic lens. Driver's dome light with separate switch. Rheostat dash dimmer on headlight switch			
8.	<b>LIGHTS - WARNING</b>	Warning lights system meeting current State specifications and hooded to improve visibility. LED marker lights, flush mounted. Low profile strobe light.			
9	<b>EMERGENCY</b>	Rear door, located to have grease-able strap hinges and a positive retainer to hold door open			

<b>.10.</b>	<b>ENTRANCE</b>	Entrance door to be outward opening. Shall have grease-able hinges and be air operated. Grab rails to be located on both sides and have a vandal lock.			
<b>11.</b>	<b>EXITS</b>	Four (4) push out emergency exit windows, two per side. Two window to be located on opposite sides in the front 1/3 of the unit. Two windows to be located opposite of each other in the rear 1/3 of the unit. Seat backs not to interfere with escape route through window. Two (2) roof mounted combination vent/escape hatches, evenly spaced.			
<b>12.</b>	<b>FLOOR</b>	Marine grade plywood installed over steel floor, fastened with screws.			
<b>13.</b>	<b>GLASS</b>	<p>Windshield: Two-piece curved, shaded, and bonded. Assist handles installed above the windshield to facilitate cleaning.</p> <p>Tinted Glass:</p> <ul style="list-style-type: none"> <li>-- Side windows - 28%;</li> <li>-- Entrance door - 70%;</li> <li>-- Driver's window - 70%.</li> </ul>			
<b>14.</b>	<b>HEATERS &amp; FANS</b>	All heaters are required to have cleanable filters.			

		<p>Heater cutoff valves to be ball type ¼ turn shutoff.</p> <p>-- Right front heater: 90,000 BTU; three (3) speeds, with defroster for entrance door and windshield.</p> <p>-- Driver's heater: 12,000 BTU.</p> <p>-- Mid-ship heater: 80,000 BTU with dual two (2) speed fans.</p> <p>-- Rear heater: 80,000 BTU located behind wheelhouse with dual two (2) speed fans.</p>				
15.	<b>INSULATION</b>	<p>Insulation located in the ceiling and side walls with additional insulation in driver's area. All ceiling panels to be perforated to reduce engine noise (full length acoustic headliner).</p>				
16.	<b>INTERIOR</b>	<p>Side panels shall be anodized aluminum from windows to seat rail.</p>				
17.	<b>MANUALS</b>	<p>Complete maintenance and parts manuals on disc shall be provided with bus.</p>				
18.	<b>MIRRORS</b>	<p>Interior, rearview 6" x 30" non-glare, sun visor 6" x 30" Plexiglas. All exterior mirrors heated with 15 minute timer, and side mirrors remote control, open view. Stainless steel mirror brackets.</p>				

19.	<b>MUD FLAPS</b>	Front mud flaps & rear flap full width of bus located right behind rear wheels.				
20.	<b>NOISE</b>	Engine compartment, step well, and firewall to have deluxe sound deadening package. All unexposed interior surfaces except ceiling, to have sprayed-on sound deadening material applied prior to assembly. Interior to have full length beige acoustic panel.				
21.	<b>PAINT</b>	Painted interior panels shall be baked on enamel. Color shall be beige. Exterior, heat cured. Polyurethane white roof. Exterior to have 3M reflector system.				
22.	<b>SAFETY EQUIPMENT</b>	All required equipment to State specifications shall be supplied and mounted in overhead compartment.				
23.	<b>SEATS - PASSENGER</b>	Seat back shall not interfere with using emergency window exits. Seats shall be brown, 39" wide. Seat cushions to have plywood bottoms.				
24.	<b>SERVICE ACCESS</b>	All exterior service access doors must be lockable and keyed-alike. Tilt hood with low effort assist ( 20 lb. maximum ).				
25.	<b>SOUND</b>	AM/FM CD/Clock with interior/exterior PA. Eight (8) interior-mounted heavy duty speakers. One of the				

		speakers to be mounted in driver's area. System to be wired into the noise kill switch.			
26.	<b>STEP WELL</b>	Three step, non-skid, rubber covered steps constructed of stainless steel.			
27.	<b>STOP ARM</b>	Stop arm to be air-operated with LED lights.			
28.	<b>SWITCH PANEL</b>	All accessory switches: heaters, warning lights, etc. must be mounted on a separate panel located just below the driver's window or on the right side dash area and placed within easy reach of the driver. Must have a cutoff switch for interior noise (i.e. railroad/quiet switch).			
29.	<b>UNDERCOATING</b>	Before mounting on chassis, unit to be fully coated and baked-on undercoating.			
30.	<b>WIPERS</b>	Dual electric, bottom mounted, wet arm, intermittent operation			

Four ( 4 ), of the buses will be equipped with the following items

Wheelchair lift Braun L919FIB or equal located right rear. Please submit seat plan.

Wheelchair restraint, Q'Straint QRT-Max or equal.

Track mounted seats which can be removed for future wheelchair use.

Optional. Seat belt seat option for Four buses with lifts

Please provide separate sheets for these units

Wheelchair lift	cost		Comments
Q'Straint QRT-Max or equal.			
Seat belt seat option for buses with lifts.			
Please submit seat plan for three wheelchair accommodations			

**UNIT PRICE includes**

All Items as confirmed in the Minimum Specifications for the Chassis (pages B, C & D) and Body (pages E, F, G, & H)

- Vehicle(s) delivered to:
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**Austintown Local Schools**  
**Attn: Colleen Murphy-Penk**  
**Transportation Department**  
**275 Idaho Rd.**  
**Youngstown, Ohio 44515**

**UNIT PRICE:**

Written Amount \_\_\_\_\_ dollars

Dollar Amount    \$ \_\_\_\_\_

Estimated Build & Delivery Lead-time: \_\_\_\_\_ months

(no later than on or before August 1, 2014)

Please note where warranty work will be completed:

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Bidder hereby agrees to deliver equipment prior to or no later than August 1, 2014.

Acknowledgment of Addenda (if applicable):

Addenda Number

Signature

Date

#

#

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It is understood and agreed that the ALS District reserves the right to waive any informalities, or to accept/reject any part or all of any bid submitted, and that this proposal may not be withdrawn for a period of sixty (60) days subsequent to the bid opening without permission of the ALS District.

The undersigned agrees to execute a Contract for the above proposal for a compensation computed above. All conditions and provisions of the Bid Document are deemed to be accepted by the Vendor and will be incorporated into the contract.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## SUBSTITUTION SHEET

Bidder shall list any "Approved Substitutes" included in the bid. Only substitutions communicated and approved via Bid Document Addenda are permitted. A Bidder utilizing the approved substitution must incorporate the cost of said substitution in their vehicle bid.

If this page is not completed, the Austintown Local School District will understand the bid adheres exactly to the specifications.

Item #	Description of Approved Substitution
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Bidder	_____ Signature
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Date	_____
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