

CEDAR RAPIDS COMMUNITY SCHOOL DISTRICT
Purchasing Department
2500 Edgewood Rd NW
Cedar Rapids, IA 52405
APRIL 2023

BID REQUEST - QUANTITY TWO (2) EIGHT-FOUR (84+) PASSENGER SCHOOL BUSES

The Purchasing Office of the Cedar Rapids Community School District requests your bid on the attached equipment specification - Two (2) Eight-four (84+) Passenger School Buses. Manufacturer and model numbers are listed to establish quality level and model type. This is not to indicate a restricted bid.

The Purchasing Office and/or Board of Directors reserve the right to reject any and all bids or any part thereof, and to waive informalities and to enter into such contract or contracts as shall be deemed in the best interest of the Cedar Rapids Community School District, in the County of Linn, State of Iowa.

Bids are due in the Purchasing Office, 2500 Edgewood Rd NW, Cedar Rapids, Iowa 52405 no later than **11:00 AM CST on Tuesday, April 11th, 2023**. Do not include Federal or State Tax in prices submitted.

EMAIL: Marked "Bid - School Buses 2023 - 2024" in the subject line of the message and emailed to: bids@crschools.us 10MB maximum size

OR

Place bids in an opaque envelope and Mail To:

"ATTN: Bid - School Buses - 2023-2024."
Mrs. Carissa Jenkins, Manager of Purchasing
Cedar Rapids Community School District
Purchasing Department
2500 Edgewood Rd NW
Cedar Rapids, Iowa 52405

We are not responsible for late bids due to machine or server malfunctioning or other technical timeline items. Please plan accordingly. Call 319-558-2321 to confirm receipt if needed.

Questions regarding this bid direct via email by Wednesday, April 5th 10:00 AM CST to:

Olivia Pikokivaka, Purchasing Coordinator
Email: opikokivaka@crschools.us

PLEASE NOTE: We will respond to all questions received on Friday, April 7th.

A copy of this request and summary of questions received and answers provided will be available at: <https://crschools.us/departments/purchings/bids/>.

A pre-bid meeting with all interested vendors will be held at 11:00 AM CST on Tuesday, April 4th, 2023 in Cedar Room A located in the ELSC, 2500 Edgewood Rd, Cedar Rapids, Iowa 52405. The meeting is optional for vendors but strongly recommended.

GENERAL CONDITIONS

1. Return one copy of the bid document, showing bid items giving unit price and total price as requested.
2. Shipping and handling are to be included in each item.
3. Give the earliest delivery date. Delivery date will be taken into consideration when awarding bid.
4. It is a requirement of these specifications that any unit being proposed to be delivered by the vendor if awarded the contract, be demonstrated by the Cedar Rapids Community School District or its representatives be transported to a location agreed on by both parties to view the demo prior to the time of the bid closing. The basic unit, chassis and body, must be the same as the unit being bid but the options and accessories need not be identical to the specifications.
5. Complete descriptive literature must be furnished with bid.
6. All prices will remain in effect in event additional orders are placed prior to actual shipment of bid items.
7. It is anticipated that bids will be awarded by Monday, April 24th, 2023.
8. Cooperative Bidding: Other governmental agencies or departments within the state of Iowa may be extended the opportunity to purchase off this bid or proposal with the agreement of successful vendor(s) and notification to the Purchasing Department, Cedar Rapids Community School District (phone 319-558-4327).
9. The award will be made from the lowest responsive and responsible bidder based upon total cost considerations including, but not limited to, the cost of the goods and services being purchased, availability of service and/or repair, quality, delivery date, and other factors deemed relevant.
10. The Board of Education and the superintendent/designee will have the right to reject any or all bids/proposals, or any part thereof, and to re-advertise if necessary. The Board of Education will enter into such contract or contracts as deemed in the best interests of the Cedar Rapids Community School District.
11. Bids will be awarded by each item separately.
12. **PAYMENT WILL BE AFTER ON SITE DELIVERY OF THE VEHICLES, INSPECTION OF THE VEHICLES AND FINAL APPROVAL OF THE VEHICLES BY THE CEDAR RAPIDS COMMUNITY SCHOOL DISTRICT.**

Any company who desires not to bid at this time and wishes to remain on the School District mailing list, should notify the Manager of Purchasing to that effect. Otherwise, any company not submitting a bid may be removed from the mailing list for types of items listed on this bid.

ITEM 1

Specifications for two (2) - 84+ passenger buses. Compliance with the legal requirements, minimum standards and regulations for construction of School Transportation Equipment of Division of Transportation, State Department of Public Instruction, State of Iowa, should be current.

<i>YEAR, MAKE, MODEL</i>	2024 or newer transit control 84+ passengers, all in one unit.
<i>ENGINE</i>	Diesel power with the following specifications or equivalent: L9 280 HP minimum 720 ft. of torque minimum 5 yr./unlimited mileage warranty, minimum, on engine, fuel system, and fuel tank Engine must meet current EPA emissions requirements; Please specify
<i>ENGINE FAN</i>	Engine fan clutch – electric or air activated
<i>ALTERNATOR</i>	12 volt, 240 ampere
<i>OIL & AIR FILTER</i>	Oil filter - full flow - disposable; air cleaner - dry type with restriction indicator
<i>FUEL SYSTEM</i>	100 gallon fuel tank with barrier Fuel filter - pre-lift pump with water/fuel separator in fuel line
<i>EXHAUST SYSTEM</i>	Single 3” OD Transitioning to 4” OD at muffler, 14 gauge aluminized steel with band clamps at joints.
<i>TRANSMISSION</i>	Allison PTS 3000 electronic automatic 5 forward speeds and 1 reverse speed. Must include extended warranty information with bid document.
<i>SOFTWARE & DATA LINK FOR ENGINE & TRANSMISSION</i>	Successful bidder will notify buyer of the required software and data link information. Vendor will include the price for the software and data link selected by the buyer into the total bid pricing for all buses for the life of the bus.
<i>FRONT AXLE</i>	14,600 lb. Capacity
<i>CAPACITY; WHEELBASE; BODY MODEL</i>	Capacity: 84 or maximum allowable Wheelbase: 232” min. Body model: transit control
<i>REAR AXLE</i>	23,000 lb. capacity, single speed with 5.29 to 1 ratio. Please specify
<i>BATTERY</i>	Three (3) group 31 batteries 2100 CCA, mounted in a side mounted battery compartment
<i>PARKING BRAKE</i>	Air operated MGM piggy back, spring back
<i>FRAME</i>	One-piece frame rail
<i>HORN</i>	Dual electric horns
<i>INSTRUMENTS</i>	Speedometer/odometer/tachometer, high beam indicator, oil pressure and water temperature gauges
<i>LIGHTS</i>	All LED lighting to meet Federal and State of Iowa laws and regulations
<i>SHOCK ABSORBERS</i>	Front and rear double action piston type absorber

<i>SUSPENSION</i>	Front: 14,600 lb. Capacity Rear: Air-ride suspension
<i>STEERING</i>	Integral power steering – tilt & telescoping wheel
<i>HEATER VALVE</i>	Cutoff valve for heaters located near engine
<i>BLOCK HEATER</i>	750-watt engine block heater
<i>TOW HOOKS</i>	Front: two (2) Rear: two (2)
<i>BUMPERS</i>	Rhino-tough or equivalent bumpers; one piece, die formed, ribbed - front and rear, please specify width.
<i>AIR INTAKE/ROOF</i>	Two (2) dual purpose roof ventilators
<i>EMERGENCY HATCH</i>	Emergency exits located front and rear with outside handle and alarm switch. Must be able to ventilate. Equal to Transpec. Send information/specify
<i>BATTERY COMPARTMENT</i>	Non-keyed self locking door
<i>INTERIOR COLOR</i>	Black frames, heaters and trim
<i>EXTERIOR COLOR</i>	National School Bus Yellow with black trim and bumpers
<i>ENTRANCE DOOR</i>	Outward opening entrance type door - air operated. Keyed lock
<i>REAR EMERGENCY DOOR</i>	Lower glass in door with metal. Slide bar / vandal lock
<i>SEAT COVERINGS/COLORS</i>	Blue
<i>MUD FLAPS</i>	Front flaps; two (2) rear flaps located no more than 12” behind rear duals. No rubber fender flares
<i>FLOOR COVERING & STEPWELL</i>	Black rubber flooring and step covering.
<i>MIRRORS</i>	Must meet or exceed Federal Motor Vehicle Spec. #111. Specify state size and design 9” x 17” flat on top, convex on the bottom EURO Heated mirror by Rosco preferred
<i>WIPERS, WINDSHIELD & WASHER</i>	Separate bottom mounted electric wiper with wet arm style washer
<i>RUB RAILS</i>	4 applied rub rail - below side windows, seat level wrap-a-round to rear door, floor level, bottom of skirt
<i>METAL PROTECTION</i>	All metal parts shall be treated against rust and corrosion, completely undercoated, and dust controlled
<i>PASSENGER SEATS</i>	DOT approved activity bucket seating, 14 rows or max capacity, vinyl blue in color with padded barriers

<i>DRIVER'S SEAT</i>	8 way adjustable: driver's air seat, three-point seat belt with shoulder belt adjuster with automatic retracting seat belt. Blue in color with cloth inlay preferred. Must meet or exceed FMVSS #222 standard. Please specify make and model
<i>SERVICE ACCESS</i>	Shall be panels for access to engine, wiper motors, radiator and fuel gauges in tank. Latched DEF access door (not locking)
<i>SENDER INSPECTION PLATE</i>	Yes
<i>WHEELS</i>	Hub piloted disc wheels 8.25 drop center rim preferred. If other system, please specify
<i>TIRES AND RIMS</i>	2.95/75R 22.5 tubeless radial or equivalent Front: highway tread Rear: traction tread
<i>STEPWELL</i>	3 step anti-skid tread, colored rubber covered steps with white nosing to be determined with successful bidder
<i>SUN VISOR</i>	Plexiglass sun visor for driver
<i>SWITCHES</i>	Illuminated switch panel - left of driver. Specify type of switches
<i>WINDOWS</i>	Side windows: aluminum split sash
<i>STORM WINDOWS</i>	Driver's window upper glass in entrance door
<i>WINDSHIELD</i>	Two-piece curved, wrap-a-round, shaded
<i>WINDSHIELD WASHERS & WIPERS</i>	Wet arm windshield wipers, dual wipers, bottom mounted parallelogram type
<i>WIRING</i>	Color coded wiring with circuit breakers - no fuses. Include a hard copy or paper copy of wiring diagram used for building bus
<i>AIR CONDITIONING</i>	Two (2) roof mounted units - front and rear bulk-heads
<i>HEATERS</i>	<i>Please specify</i> 90,000 BTU front heater 12,000 BTU driver's heater 80,000 BTU under seat heater front 80,000 BTU under seat heater rear Auxiliary heater water pump
<i>FUEL TANK OPENING</i>	Must have fuel tank door – non keyed
<i>INSULATION</i>	Body to be completely insulated with fiberglass insulation
<i>INTERIOR SIDE PANELS</i>	Aluminized interior side panels
<i>AUXILIARY FANS</i>	Three (3) 6" auxiliary fans. One located center windshield, one upper right by door pointed to driver, and one located upper left of driver
<i>LIGHTING</i>	All LED clearance lamps as required by Federal and State of Iowa laws and regulations
<i>TURN SIGNAL LIGHTS</i>	Two (2) LED 7" type II front and rear. Intermediate turn signal on both sides
<i>STOP/TAIL LIGHTS</i>	Four (4) LED required - two (2) 7" stop/tail lamps and two (2) small stop/tail license lamps

DOME

A. Specify number of rows of lights
B. Separate driver's lamp

WARNING LAMPS

8 LED light system with dual hoods and cut off switch. Standard Flash

BACK-UP LAMPS

5" LED back-up lamps

LETTERING AND NUMBERS

Will be determined with successful bidder.

EMERGENCY EQUIPMENT

Must meet Federal and State of Iowa laws and regulations

FLOOR

5/8" plywood floor over steel floor

STOP ARMS

Two (2) Air operated octagonal stop arm, with LED strobe light. Front and rear placement

HEAD ROOM

Please specify

MIRRORS

Interior - 6" x 30" clear mirror
Two (2) windshield mounted cross view mirrors to meet Federal specification #111

NOISE REDUCTION INSULATION

Sound deadening package (driver's compartment)

REFLECTOR TAPE

3M diamond grade reflective vinyl or accepted equal
0.8" school bus - front and rear
0.2" wide strip each side of bus at floor line just below floor rub rail
0.2" wide strip on rear of bus at top and bottom
0.2" wide strip vertically on each side of rear, 0.1" min. width strip surrounds each emergency exit as required

AIR BRAKES

Two (2) cylinder Bendix 501 compressor
12 CFM - direct drive
Rear axle disc brakes
Front axle disc brakes
30 cubic inch MGM chamber brake shoes shall have a hardness rating of EE or softer
AD-9 Bendix air dryer. Prefer Bendix ABS **If Bendix is not furnished, software and data link for ABS system being supplied must be furnished for the life of the bus, cost included**

SLACK ADJUSTERS W/AIR BRAKES

Automatic slack adjusters on all four wheels ASA-5 Bendix preferred or accepted equal

RADIO

AM/FM stereo radio - four (4) speakers minimum, front to rear

VIDEO EQUIPMENT

Equipped and installed with video equipment for surveillance
REI: HDS-1200W, with panic button, and (2) two 2TB Hard Drives
(two hard drives included in price)

8 Cameras:

- One (1) inside roof mounted looking over driver and down the stepwell
- Four (4) inside roof mounted for passenger compartment viewing
- One (1) inside, front window, forward facing the street, below tinted area
- One (1) outside, driver's side, front lower placement, rearward looking license plate view.

Final placement and camera specifications to be determined by buyer
Also must include DVR end cap

ZONAR	Equipped and installed: Buyer will supply all the hardware. Zonar Connect Tablet Zonar V4 telematics control unit with be supplied by CRCSD Zonar Z Pass Zonar RFID tags installed per buyer's specifications. Connected to bus systems per buyer's specifications.
PA SYSTEM	Yes
WHITE ROOF	Within six (6) inches of drip rail
TINTED GLASS	Side and rear
STAINLESS STEEL STEP-WELL	Yes
REAR SENTRY	Rear bumper alert system Option - ditch lights for rear tires
REAR BACKUP CAMERA	Yes
(ICS) PER BUS	Placement in first 4 rows
LUGGAGE	Max Luggage Compartment mid-mount desired on both sides, please specify dimensions.
OPTIONAL ITEMS	Please quote the following items as optional: Fire suppression Collision avoidance system Adjustable pedals (transit/conventional) Fiberglass Luggage Compartment
WARRANTY	Include factory warranty and extended warranty information and statement with bid document.
INFORMATION SHEET	This information sheet must be completed indicating on sheet whether or not specifications are met and/or comments on deviations. This information sheet must be returned with the bid form.

BID RESPONSE FORM

Item 1: Two (2) Eighty-Four (84+) Passenger Buses

Make: _____ Model: _____ Unit price: _____

Total Price: _____

Passenger Seating Capacity: _____

Estimated lead time: _____

COMPANY: _____

ADDRESS: _____

DATE: _____ PHONE: _____

EMAIL: _____@_____

BY: _____ TITLE: _____

NOTE: Completed bid specification sheets must be returned with bid to be considered complete. Incomplete bids will not be considered.