

CEDAR RAPIDS COMMUNITY SCHOOL DISTRICT
Purchasing Department
2500 Edgewood Rd NW
Cedar Rapids, Iowa 52405

DECEMBER 2023

BID REQUEST – TWO (2) 14+ PASSENGER MICRO LIFT BUSES

The Purchasing Office of the Cedar Rapids Community School District requests your bid on the attached equipment specification – Two (2) 14+ Passenger Micro-School Buses. Manufacturer and model numbers are listed to establish quality level and model type. This is not to indicate a restricted bid. All prices are to be bid F.O.B 2500 Edgewood Rd NW, Cedar Rapids, IA 52405. Do not include Federal or State Tax in costs submitted.

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:

10:00 a.m., Tuesday, December 12th, 2023.

EMAIL: Marked “Bid - Micro School Bus” in the subject line an emailed to:

bids@crschools.us 10MB maximum size

Place bids in an opaque envelope marked “**Bid - Micro-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

Questions regarding this bid are due Tuesday, December 5th, 2023 at 10am CST and are to be directed via email to:

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

GENERAL TERMS & CONDITIONS:

1. Return one copy of the bid document, showing bid items giving unit price and total price as requested.
2. Give the earliest delivery date. Delivery date will be taken into consideration when awarding bids.
3. It is a requirement of these specifications that any unit being proposed to be delivered by the vendor if awarded the contract, be demonstrated at 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.
4. Complete descriptive literature must be furnished with bid.
5. All prices will remain in effect in event additional orders are placed prior to actual shipment of bid items.
6. 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 the successful vendor(s) and notification to the Purchasing Department, Cedar Rapids Community School District (phone 319-558-3252).
7. **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.**

A pre-bid meeting with all interested vendors will be held on Wednesday, November 29th at 11am CST in the Purchasing Conference Room located in the ELSC, 2500 Edgewood Rd. NW Cedar Rapids, Iowa 52405. The meeting is optional for vendors but is strongly recommended.

Any company that 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) fourteen or fifteen (14+) Passenger School Bus with wheelchair lift. 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>	2025 (or newest year) all in one unit.
<i>ENGINE</i>	Gasoline power with the following specifications or equivalent: Specify V8 270 HP min., specify HP. 450 ft. of torque min., specify torque. 3 yr./ 360,000 Mile warranty, minimum, on engine, fuel system, and fuel tank. Engine must meet EPA 2019 emissions requirements. Please specify. Please provide option for Propane power.
<i>CHASSIS</i>	Minimum 145,000 lbs
<i>ALTERNATOR</i>	12-volt, 210 amperes minimum
<i>OIL & AIR FILTER</i>	Oil filter - full flow - disposable; air cleaner - dry type with restriction indicator
<i>FUEL SYSTEM</i>	40 gallon minimum usable fuel tank, with barrier between exhaust and fuel tank. Propane fuel fill must be equipped with Euro fitting.
<i>EXHAUST SYSTEM</i>	Please Specify
<i>TRANSMISSION</i>	Automatic transmission. Must include extended warranty information with bid documents. Specify make and model number.
<i>SOFTWARE & DATA LINK FOR ENGINE & TRANSMISSION</i>	Successful bidder will supply required software and data link at no additional cost to the buyer (use 12 years for the life of the bus).
<i>CAPACITY; WHEELBASE; BODY MODEL</i>	Capacity: 14 -15 Wheelbase: 155" – 160". Please specify. Body please specify
<i>FRONT AXLE</i>	Capacity per State and/or Federal Regulations, please specify.
<i>REAR AXLE</i>	Capacity per State and/or Federal Regulations, please specify. Gear ratio, please specify.
<i>SUSPENSION</i>	Front: please specify Rear: please specify. Please provide option for air ride.
<i>SHOCK ABSORBERS</i>	Front and rear double action piston type absorber.
<i>BATTERY</i>	Minimum: One (1) 12 volt Minimum Cold Cranking Amp: 750
<i>PARKING BRAKE</i>	Please specify.
<i>AIR BRAKES</i>	4 wheel antilock disc brakes.
<i>FRAME</i>	One-piece frame rail
<i>HORN</i>	Dual electric horns

<i>INSTRUMENTS</i>	Minimum: Speedometer/odometer/tachometer, high beam indicator, oil pressure and water temperature.
<i>STEERING</i>	Integral power steering – tilt wheel.
<i>HEATER VALVE</i>	Cutoff valve for heaters located near engine.
<i>BLOCK HEATER</i>	750-watt engine block heater, minimum.
<i>TOW HOOKS</i>	Front: two (2) Rear: two (2)
<i>BUMPERS</i>	One piece, die formed, ribbed - front and rear, with armor bumper and coated bolts
<i>EMERGENCY HATCH</i>	Emergency roof vent with outside handle and alarm switch. Must be able to ventilate. Spheros.
<i>BATTERY COMPARTMENT</i>	Under Hood
<i>INTERIOR COLOR</i>	Black seats frames, Black floor covering, Black heaters, silver trim. If different, please specify.
<i>SEAT COVERINGS/COLORS</i>	Blue
<i>EXTERIOR COLOR</i>	National School Bus Yellow with black trim and bumpers White Roof within six (6) inches of drip rail.
<i>ENTRANCE DOOR</i>	Outward opening entrance type door - electric operated. Keyed lock.
<i>REAR EMERGENCY DOOR</i>	Lower glass in door with metal Slide bar / vandal lock.
<i>MUD FLAPS</i>	Two (2) front flaps and two (2) rear flaps located no more than 12” behind rear duals. No rubber fender flairs.
<i>FLOOR COVERING & STEPWELL</i>	Rubber flooring and step covering, with koroseal stepwell treads.
<i>MIRRORS</i>	Interior – 6” x 30” with backup camera. Two (2) heated windshield mounted cross view mirrors. Two (2) heated, flat on top, convex on the bottom, open view by Rosco. Please specify sizes. Must meet or exceed Federal Motor Vehicle Spec. #111.
<i>WIPERS, WINDSHIELD & WASHER</i>	Separate bottom mounted electric wiper with wet arm style washer, bottom mounted parallelogram type.
<i>RUBRAILS</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. Caulk all fender wells.
<i>PASSENGER SEATS</i>	DOT School Bus Seats, with padded barriers. One (1) additional padded barrier per bus. (ICS) placement in all seats. 3-Point seat belt system installed on all passenger seats, depending on seat size, 2 Seatbelts per seat. Please specify seating layout. Must provide enough seats to meet the maximum capacity. 8” barrier in rear of bus. Must meet state and/ or federal regulations.

<i>DRIVER'S SEAT</i>	Please specify adjustments. Three-point seat belt with shoulder belt adjuster with automatic retracting seat belt. Cloth inlay preferred. Must meet or exceed FMVSS #222 standard.
<i>SERVICE ACCESS</i>	Shall be panels for access to engine, wiper motors, radiator and fuel gauges in tank.
<i>TIRES AND RIMS</i>	Goodyear or Firestone only. Tubeless radial or equivalent. Front: highway tread Rear: Traction tread. Duals required.
<i>STEPWELL</i>	Stainless steel, anti-skid rubber covered tread with white nosing.
<i>SUN VISOR</i>	Plexi-glass sun visor for driver
<i>SWITCHES</i>	Illuminated switch panel. Rocker switches.
<i>WINDOWS</i>	Side windows: aluminum split sash Service door, standard glass top and bottom. Tinted glass side and rear. Minimum required by law
<i>WINDSHIELD</i>	Wrap-a-round or similar, shaded. Please specify piece count.
<i>WIRING</i>	Color coded wiring with circuit breakers. Included in price, provide access to wiring diagram.
<i>HEATERS & AC</i>	Chassis heating & air conditioning, includes window defrost. Full body AC with 40,000 BTU. Minimum of 55,000 BTU including chassis Rear heater minimum 42,000 BTU Roof Mount
<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. Please specify if different.
<i>AUXILIARY FANS</i>	Desire to have three (3) – 6” auxiliary fans. One located center windshield and one located upper left of driver, other located upper right of driver. Please specify if not available.
<i>LIGHTS</i>	Exterior LED lighting. Interior LED lighting. Passenger compartment: Specify number of rows of lights. Driver’s lamp on separate switch. Must meet state and/ or federal regulations.
<i>TURN SIGNAL LIGHTS</i>	Meet state and/ or federal regulations. Please specify sizes.
<i>STOP/TAIL LIGHTS</i>	Four LED required - two (2) 7” stop/tail lamps and two (2) small stop/tail license lamps. Must meet state/ or federal regulations.
<i>WARNING LAMPS</i>	8 LED light system with dual hoods and cut off switch. Standard Flash
<i>BACK-UP LAMPS</i>	7” LED back-up lamps.

REAR SENTRY	Rear bumper alert system.
REVERSE ALARM	Reverse gear alarm.
REAR BACKUP CAMERA	Video screen preferred imbedded in the driver's mirror.
LETTERING AND NUMBERS	The words "Cedar Rapids Community School District" on each of the two (2) sides. Four (4) 6" vehicle numbering on each side, front and back, plus one (1) 3" red vehicle number on front, upper center of windshield. Final placement and vehicle numbering to be determined with successful bidder.
EMERGENCY EQUIPMENT	Must meet Federal and State of Iowa laws and regulations. One (1) Evacuation blanket.
FLOOR	5/8" plywood floor over steel floor
STOP ARMS	One (1) electric operated octagonal stop arm, with LED strobe light. Front placement. Front electric crossing arm.
HEAD ROOM	Please specify. Must meet State and/or Federal standards.
NOISE REDUCTION INSULATION	sound deadening package- Minimum of 1 st two (2) panels
REFLECTOR TAPE	3M Diamond Grade Reflective Vinyl or equivalent. 8" school bus - front and rear 2" wide strip each side of bus at floor line just below floor rub rail. 2" wide strip on rear of bus at top and bottom. 2" wide strip vertically on each side of rear, 1" min. width strip surrounds each emergency exit as required.
RADIO	AM/FM stereo radio - 4 speakers min, front to rear.
PA SYSTEM	Internal PA system with microphone.
RADIO – 2 WAY	Kenwood mobile radio, 45-watt, 16 channel + digital ops, programmed to CRCSD specifications. External speaker, 5-watt, 8-ohm, low profile, 3.5mm plug. UHF NMO mount black transit antenna, 3dB gain. Noise filter. 3/4" hole NMO roof mt, gold pin RG58U. Equipped and installed.
VIDEO EQUIPMENT	Equipped and installed with video equipment for surveillance. REI: HD5-1200W, 2 TB Hard Drive, with panic button. ***Include 1 additional, 2TB Hard Drive per bus*** 6 Cameras: One (1) inside roof mounted looking over driver compartment and down the stepwell. Two (2) 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. One (1) outside, driver's side, rear upper placement, forward looking at the stop arm. Final placement and camera specifications to be determined by buyer. must include DVR end cap. GPS cable to connect to Zonar v4.
ZONAR	Equipped and installed: SELLER PROVIDED Zonar Connect Tablet Zonar RFID tags installed per buyer's specifications. Connected to bus systems per buyer's specifications.

OPTIONAL ITEMS

Please quote the following items as optional:

Fire suppression.
Collision avoidance system.

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 bid form.

LIFT SPECIFICATIONS

Seating plan must include a minimum of Four (4) forward facing wheelchair spaces. Four (4) rail tracking per side full length of the passenger compartment. Floor tracks shall be anodized and flush mounted.
Lift door location shall be on the right side, preferably in the rear, please specify location.
Lift shall have minimum lifting capacity of 1,000 lb.
Please specify gravity down and self storing.
Minimum Thirty-four (34) inch wide platform.
Hand rails on both sides of lift.
2 ½" inch passive inboard barrier, spring loaded. Please specify.
44" platform length minimum. Please specify.
Please specify additional extensions available.
Submit complete lift specifications with bid.

Three (3) padded barriers to be included, one for each side plus one extra for each bus.
Four (4) sets wheelchair locks and anchors are to be included and shall be equal to Q Straint, Q-8100-A-L retractor. Lap belts shall be furnished.
Provide floor plan and show location of heater and AC, lift location, and knee clearance between seats.
Wiring diagram provided to include lift controls and body interface.

Note: Complete bid specifications sheets must be returned with bids.

Note: Bidder will make available their individual wheelchair style for District inspection prior to the awarding of bids.

Note: Estimated time for delivery to be included in the bid.

Item 1: Two (2) 14 - 15 Passenger Micro Buses

Make: _____ Model: _____ Unit price: _____

Total Price: _____

COMPANY _____

ADDRESS _____

DATE _____ PHONE _____

EMAIL _____

BY _____ TITLE _____