Putting People First
NEDSRA
Special Recreation Association
1770 W. Centennial Place, Addison, IL 60101-1076
Phone 630.620.4500 Fax 630.620.4598 www.nedsra.org

NOTICE OF INVITATION TO BID 2023 OR NEWER – 14 PASSENGER "PARATRANSIT SHUTTLE BUS"

Northeast DuPage Special Recreation Association (NEDSRA) is now inviting bidders to submit sealed bids for the purchase of a new, 14-passenger Paratransit Shuttle Bus. Bids shall include all setup and delivery charges. Bids must be received at the NEDSRA office, 1770 W. Centennial Place, Addison, Illinois, by 9:50 a.m. on August 26, 2022. Public opening of all bids shall be at the NEDSRA office at 10:00 a.m. on August 26, 2022. No bid may be withdrawn for sixty (60) days following the bid opening. Please note: Northeast DuPage Special Recreation Association is a tax exempt agency.

Potential bidders may obtain specific instructions and bid specifications on the NEDSRA website, www.nedsra.org, or by contacting Jerry Barton, Superintendent, by email at *jbarton@nedsra.org*.

Each bid must be placed in a sealed envelope marked "2023 Shuttle Bus Bid" and addressed to NEDSRA. Any deviations from the specifications shall be noted and descriptive literature must accompany all bids. Award of bid shall be made to the lowest responsive and responsible bidder. The successful bidder will be notified within a 60 day period following the opening.

Northeast DuPage Special Recreation Association is not responsible for bids received late, and reserves the right to reject any and all bids, and to waive informalities and/or irregularities in the bids received to the extent allowed by law.

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BID INSTRUCTIONS AND SPECIFICATIONS
2023 or Newer– 14-Passenger "Paratransit Shuttle Bus"

INSTRUCTIONS TO BIDDERS

Basis of Award
Proposals are to be submitted to Northeast DuPage Special Recreation Association (NEDSRA) for the product specified on proposal forms included in the specifications. Alternate bids, for a similar vehicle, will be accepted for review. Award of contract will be made to the lowest responsive and responsible bidder. The association also reserves the right to reject any, and all, bids.

Proposal Preparation
Bids will be signed by an authorized agent of the firm, corporation, partnership or business submitting the proposal.

Examination of Specifications
Each bidder shall thoroughly examine and be familiar with the specifications. The failure or omission of a bidder to examine said specifications should in no way relieve any bidder from any obligation with respect to their bid. All deviations from the listed specifications shall be noted on the bid.

Law and Regulations
All work and mechanical installations and appliances shall comply with all state, municipal laws and regulations, and with all local ordinances and rules pertaining to this work. Such laws, regulations, ordinances and rules shall be considered part of these regulations.

Work Completion
The successful bidder shall be required to commence work as soon as possible. Delivery of the vehicle will occur in 2023.

Preparation of Proposal
All proposals shall be submitted on forms included in the specifications. All bids shall be binding for sixty (60) days following the bid opening.

Written Guarantees
1. The bidder shall give the NEDSRA a written warranty, guaranteeing the product to be free from defects in materials and workmanship for a minimum period of one (1) year from date of final payment, and stating that his product has been constructed in compliance with the specifications and the highest standards of workmanship.

2. Manufacturer's Written Warranties as required by the specifications shall be submitted with the bid.

3. A bidder shall, at his own expense, and without cost to the NEDSRA and within a reasonable time after receipt of written notice thereof, make good any defects in materials and workmanship, which may develop during said one (1) year period.

4. Bidder must provide all warranties that apply for vehicle powertrain and components.

5. Bidder must provide, in writing, how unexpected delivery delays will be communicated.

6. Bidder must provide, in writing, how unexpected price increases will be communicated.

Trade-In

NEDSRA will trade in one vehicle as part of the bid process. Vendors are encouraged to assess the value of the vehicle and make an offer. An accepted purchase price for the trade-in will be the amount deducted from the winning bid. The vehicle is a 2010 Ford E450 Starcraft Universal. It comes equipped with a wheelchair lift and requires a CDL to operate. As of August 1, 2022, the odometer read 87,903 miles. The vehicle is available to view by appointment. Contact Jerry Barton at *jbarton@nedsra.org*.

Application for Payment

Upon delivery of the specified vehicle complete and in working order to the Northeast DuPage Special Recreation Association's satisfaction, the successful bidder will submit an invoice for full payment to be made within forty-five (45) days.

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Northeast DuPage Special Recreation Association (NEDSRA)

SPECIFICATIONS FOR: PARATRANSIT SHUTTLE BUS

GENERAL: The purpose of these specifications is to describe one paratransit shuttle bus.

Purpose:
The purpose of these specifications is to describe a mid-sized transit bus, which will be used to transport passengers in both rural and urban areas. The bus will be of steel or aluminum cage type construction, with laminated sidewalls, rear walls, and roof. The bus body is to be mounted on a 2023 or newer Ford RV Cutaway chassis, E-450 series with the Shuttle Bus Prep Package included. All vehicle suppliers must conform to this technical specification.

General:
Unit described shall be new and of the latest design and production, complete, serviced and ready for work upon delivery and include all standard equipment. This vehicle must meet the National Highway Safety Transportation Board and Federal Motor Vehicle Safety Standards (FMVSS). This unit must meet or exceed all of the specifications listed below. Any exceptions to these specifications must be detailed on the attachment to this proposal. The determination of NEDSRA regarding any such request as far as accepting or denying said request, will be final.

Capacity:
Vehicle must be able to accommodate the following loads.

1. With no wheelchairs on board, 14 seated passengers plus driver.
2. With 1 wheelchair on board, 13 seated passengers plus driver.
3. With 2 wheelchairs on board, 12 seated passengers plus driver.
4. With 3 wheelchairs on board, 10 seated passengers plus driver.
5. With 4 wheelchairs on board, 8 seated passengers plus driver.

NOTE: Unit must **not** require a CDL license to operate.

It is the intent of the Northeast DuPage Special Recreation Association, hereby referred to as NEDSRA, to purchase one unit that meets the following specifications and requirements.
All bids at a minimum must meet the following specifications.

DIMENSIONS:

Overall exterior length	285" minimum
Overall Exterior width (ex. mirrors)	96" maximum
Overall height	115" maximum
Interior head room	77" minimum
Interior width (seat level)	90" minimum
Aisle width	17" minimum
Ground to first step	11.5" maximum
Seat hip to knee spacing	30” minimum

CHASSIS EQUIPMENT AS FOLLOWS:

Model year/make:	2023 or newer Ford E450 Super Duty cutaway
Wheelbase:	158" minimum
G.V.W.R.:	14,500# minimum
Engine:	Gas Engine
Transmission:	Automatic w/overdrive
Exhaust:	Rear of vehicle, street side
Steering:	Power
Brakes:	Power disc, antilock
Shocks:	Heavy duty, front and rear
Batteries:	Dual
Alternator:	225 amps
Bumper Front:	Chrome
Bumper Rear:	Steel painted rear w/wrap around corners
Horns:	Dual
Tires:	Steel belted, black sidewall, all season radial
Fuel capacity:	55 gallons minimum
Radiator:	Heavy duty largest capacity available
Gages:	Oil pressure, fuel, Amp meter, temperature
Drive shaft guards:	Two (2)
Wipers:	Intermittent
Air bag:	Drivers side
Steering features:	Tilt wheel w/cruise control

VEHICLE BODY

Body, General Construction:

The body structure shall be built as an integral unit. All joints and corners where stress concentration may occur shall be adequately reinforced to carry required loads and withstand road shock. The bus body shall be certified by an independent testing agency to meet the requirements of Federal Motor Vehicle Safety Standard for this vehicle style. Certification of compliance with these tests shall be provided with the submission of this bid. Failure to submit this data will render your bid unresponsive.

Body Structural Framing:

A. The vehicle body structure must incorporate an integral, fixture-welded body framing for floor, front, rear, sidewalls and roof. The purchaser will be the final judge as to the acceptability of the proposed construction.
B. The vehicle body structure must incorporate body framing for floor, front, rear, sidewalls, and roof body construction.
C. Insulation: in sidewalls, rear wall and roof.
D. The structure shall be treated with anti-corrosion material after the entire framing structure is welded together.
E. A front cap constructed of fiberglass shall close in the front end of the body.
F. The exterior sidewall of the bus shall be smooth. There shall be no exposed fasteners on the exterior of the bus.

G. All nuts, bolts, clips, washers, clamps and like fasteners shall be coated to prevent corrosion.
H. Wheel housings shall be of one-piece construction. Wheel wells are to be constructed and adequately reinforced to prevent deflection. Ample clearance shall be provided for tires.
I. Access doors shall be provided where necessary to service transmission, engine, radiator, battery, and air conditioning components.
J. The entire body frame under structure shall be fully undercoated according to the chassis manufacturer guidelines.
K. Any bright metal exterior trim shall be stainless steel, polished aluminum, or chrome plated.
L. Water channeling rain gutters.

BODY PANELS:

Body panels (side walls) shall consist of a matrix of fiberglass reinforced plastic (FRP). Exterior surfaces will be treated to prevent moisture penetration and corrosion.

INTERIOR:

Walls, headliner and cab liner are to be covered with padded vinyl material. All interior trim pads are to be vinyl. Colors selected after bid approval.

MIRRORS:

A. Upper and lower mirrors on driver and passenger side. Both powered and heated.
B. Rearview mirror also serving as camera for back-up system when vehicle is in reverse.

PASSENGER ENTRANCE DOOR:

A. The entry door shall be fully encompassed by an integrally welded steel door surround. The complete door surround and header shall be steel, and will incorporate the step well, and be installed in the body as a single unit. The door shall have a full clear opening extending lower than the bottom step to prevent water from entering the vehicle.
B. The entry door shall be a two-leaf, outward opening type, electric operated, and controlled from the driver's seat.
C. Full-length glass shall be provided on the entry door for full visibility.
D. At the meeting edges of each door leaf, a rubber seal shall be installed so that the edges form a tight overlapping seal when closed.
E. A stainless steel grab bar (stanchion) shall be securely fastened to both sides of the interior of the doorway parallel to the steps to assist passengers in entering or exiting the vehicle.
F. An exterior key switch shall be mounted to the front side of the entrance door to allow entrance without having to go through the driver's door or have the vehicle running.

FLOOR STRUCTURE:

A. The interior of the bus shall have a flat floor. There shall be no steps, or lips, within passenger area of floor.
B. The floor covering shall be smooth rubber or vinyl in gray.
C. Steps shall be covered with a 2" colored safety nosing on each step edge.
D. The floor covering shall be butt jointed and securely cemented to the marine-grade plywood floor with a waterproof adhesive. The floor sub-structure shall be covered with a marine grade plywood with sealed edges.

WINDOWS:

A. The windshield is to be a one-piece design. Windshield shall be laminated tinted safety glass.
B. The driver's window shall be capable of opening. This window shall be tempered or laminated safety glass.
C. The side passenger windows shall be transit type, as opposed to the school bus type. It is desired to maintain a transit type appearance, and school bus type windows will not be accepted. The passenger windows shall be certified by an independent testing agency to be in compliance with FMVSS for this vehicle style. Passenger windows must be capable of opening to ensure ventilation. Windows shall be an upper T-Sliding design.
D. Hinged emergency escape windows must be provided on each side of the bus. In addition, a rear hinged emergency escape window must be provided. Emergency windows must be clearly labeled and operating instructions must be clearly visible.
E. All egress windows shall be identified with a red light that is illuminated during vehicle operation. All passenger windows must be safety glass with an AS-3 marking. Windows are to be dark tinted. All passenger windows shall be installed in black powder coated or anodized aluminum frames, or an equivalent. Each side window shall be a minimum of 36" tall by 36" wide, except where the floor plan desired requires the use of one smaller (filler) window on each side.

LIGHTING:

A. **INTERIOR:** Shall consist of one (1) step well light to illuminate entrance area adequately when door is opened and one (1) drivers courtesy light that activates when driver's door is opened or with head light switch. Passenger cabin area lights that offer sufficient interior light levels to allow for safe passenger movement. These lights shall activate when the entrance door is open or with a separate interior switch located by the driver. An exterior light, that meets ADA requirements, shall be mounted in the body skirt by the front entrance door. This too shall activate when door is opened. All interior lights shall be LED.
B. **EXTERIOR:** Shall consist of OEM chassis standard front cab light configuration. In addition, body shall have five (5) amber clearance lamps on the front and five (5) red on the rear in ICC configuration. On the upper rear left and right corners of the body, there shall be one (1) red light that matches the clearance lamps.
C. Rear of bus shall have a license plate lamp, two (2) round tail/stop lamps, two (2) round white back up lamps and two (2) round amber turn signals. Tail/stop, backup and turn signal lamps shall be the types that are totally sealed and throw-a-way type. Lamps shall be installed in a manner that is aesthetically pleasing and in combination form.
D. Vehicle shall have high mount center LED stop lamp.
E. All exterior lights shall be LED.

DRIVERS CONSOLE:

A. A separate drivers console shall be included for the purpose of accommodating all switches that are installed by body manufacturer. These shall include, but are not limited to, electric door switch, heater switch, air conditioning controls, interior passenger lights switch. This console is to be located in a manner to allow for easy use by driver.

B. All switches installed by body manufacturer shall be rocker style. Only exception is regarding rear air conditioning switches which shall be those supplied by the air conditioning manufacture.
C. There shall be at least one cup holders in the console, and small compartment for storage.
D. Console, dash or radio must include USB and USB-C port.

WIRING:

A. All wiring shall follow a uniform code of color and be function coded to allow with ease the identity of individual wires throughout the vehicle.
B. There shall be two (2) fuse/relay boxes. One shall be chassis OEM installed and shall not be altered in any way. The other shall be for body and components as installed by body manufacturer. This junction box shall be installed on the interior of vehicle.
C. wiring diagram shall be supplied with the vehicle for all body components.

AIR CONDITIONING:

A. Shall consist of chassis OEM dash air conditioning and body manufacturer installed rear air conditioning.
B. Capacity of rear unit shall be a minimum of 67,000 BTU's with dual engine driven compressor. System shall incorporate 3 fan skirt mounted condenser.
C. Evaporator shall be installed in the rear of vehicle.
D. Front and rear systems shall work independently of each other.
E. Bidder shall submit information on make and type of air conditioning proposed along with wiring/plumbing diagrams with bid.

HEATING:

A. Shall consist of chassis OEM dash heater/defroster and one rear floor mounted heater with a minimum of 60,000 BTU's.

STANCHIONS, HAND RAILS AND MODESTY PANELS:

A. Bus shall have a vertical and horizontal stanchion mounted behind the entrance door.
B. There shall be a right and left entrance hand rail at step area. These hand rails shall be mounted in a manner that allows passengers to grasp throughout the accent or decent of the vehicle, following the incline of the steps.
C. A modesty panel shall be installed behind the driver and between the stairwell and first row of passenger seats.

SEATS:

A. DRIVER: Shall be high back reclining bucket seat with right arm rest and covered with Level 4 material. Color to be determined at award of bid.
B. **PASSENGERS:** Bus shall be able to accommodate 14 passengers with no wheelchairs on board. The seats shall be double, high back, with flip up armrests. Seats covering wheelchair spots must foldaway. Remaining seats shall be fixed in place. Aisle seatbacks should include grab handle.
C. All seats shall be covered with Level 4 material. Colors to be determined at award of bid.
D. All seat positions shall have retractable seat belts that meet all FMVSS requirements.

REVERSE ALARM:

Vehicle is to be equipped with a reverse alarm that activates when the transmission is put in reverse.

BACKUP SYSTEM:

Vehicle is to be equipped with backup camera display in the driver rear view mirror, as well as an obstacle detection system.

PARATRANSIT EQUIPMENT:

A. **LIFT:** Bus shall have a Braun lift that meets all ADA and FMVSS requirements. Lift shall be mounted to steel with plates in the curbside rear corner of bus. Include warranty information with bid.
B. **INTERLOCK/FAST IDLE SYSTEM:** Must be included.
C. **LIFT DOORS:** Shall be of double panel construction. Panels shall have a door handle with at least one of these handle to have a key lock cylinder for the purpose of locking.
D. Panels shall have a window that is the same height as the side passengers' windows and shall be installed at the same height as the passenger windows.
E. Panels shall have heavy duty gas filled shocks or over center springs to hold doors open.
F. Lift doors shall meets the minimum requirements of ADA regarding clear opening height and width as it applies to vehicles of this style.
G. **LIFT LIGHTS**: An interior LED light shall be mounted above the lift door as well as one (1) exterior LED lights which shall be mounted in the skirt of the bus and centered below the lift doors. Illumination requirements of these lights shall meet ADA requirements. These lights shall activate when the lift doors are opened and shall be independent of vehicle driving lamps.
H. **MOBILITY AID/PASSENGER RESTRAINT BELT SYSTEMS:** Shall be manufactured by Q-Straint, and be the Slide & Click style and consist of four (4) straps that secure wheelchairs in place and a combination lap/shoulder harness for wheelchair passenger.
I. Bus shall be able to accommodate four (4) wheelchairs.
J. **PRIORITY DECALS:** Decals indicating that wheelchair positions are reserved for those with mobility aid devices as well as one set of forward facing seats that are reserved for passengers with disabilities shall be installed.
K. These decals are to meet all ADA requirements.
L. **BELT STORAGE COMPARTMENT:** A large storage compartment located in the nose cone of the bus above the front windshield shall be supplied. This compartment shall have adequate space to store Q–Straint retractors, belts and straps.

WHEEL INSERTS:

A. Stainless steel wheel inserts of high quality shall be installed on each wheel.
B. Include valve stem extensions on rear wheels

RADIO:

A. An AM/FM/Clock/Bluetooth enabled radio w/4 speakers or equivalent shall be supplied.
B. Radio shall be mounted in OEM chassis location in dash.
C. Radio, dash or console should include USB and USB-C port.

MISCELLANEOUS:

A. Mud flaps at front and rear wheels.
B. Driver's side running board
C. Vehicle shall be delivered with the following safety equipment:
    I. 5# fire extinguisher
    II. First aid kit
    III. Reflector triangles
    IV. Catalytic Converter Protection/Anit-theft shield.
D. Vehicle shall be delivered with current State of Illinois safety inspection sticker.
E. Vehicle color shall be bright white.
F. Lettering of vehicle is also to be included in the price as quoted by the bidder. Attached is a rendering of the current design currently used by NEDSRA. Bidder will be expected to match the colors using the 4-color process, or CMYK.
G. Vehicle shall meet or exceed all State and federal regulations in effect at time of manufacturing including ADA (Americans With Disabilities Act) requirements as they pertain to the type of vehicle being requested.

ALTERNITE 1:

Overhead parcel rack with netting above fixed seats on both passenger and driver side. The rack shall match the interior and securely fastened to the vehicle.

INFORMATION TO BE INCLUDED WITH THE BID PROPOSAL:

A. Bidder/manufacturer shall certify that vehicle being bid does not exceed the maximum GVWR when loaded per the requirements of the chassis manufacturer.
B. Bidder shall submit proposed floor plan with bid.
C. Bidder shall submit product catalogues on the vehicle being proposed as well as on the lift, air conditioning system and other pertinent equipment.
D. Bidder shall certify that the vehicle being bid is built within the guidelines of the chassis manufacturer and that bus manufacturer does have a certificate from Ford Motor Company stating that the bus manufacturer has a "Fully Meets" status pertaining to the minimum requirements of the "Transit Bus Quality Program". A copy of this certificate must be submitted with the bid.
E. Bidder must be a fully licensed and bonded vehicle dealer in the State of Illinois. A copy of dealer license must be submitted with the bid.

Price, Payment, Delivery:

A. All bid prices shall be complete and include warranty and delivery of the completed vehicle to this agency.
B. All bid prices shall be guaranteed a minimum of sixty (60) days after bid opening. Bidder must provide, in writing, how unexpected price increases will be communicated.
C. Payment shall be made in accordance with these specifications and the Bid Proposal submitted by the Bidder. Payment will be made upon acceptance of the vehicle(s) and equipment specified under these specifications.
D. Vehicles purchased under this contract shall be delivered in the calendar year 2023. Bidder must provide, in writing, how unexpected delivery delays will be communicated.

E. The complete unit must be setup, serviced, registered municipal plates applied for and ready for operation.
F. Full payment will be made as unit is received, inspected and found to comply with procurement specifications, free of damage and properly invoiced.

Warranty:

A description of all applicable warranties as well as copies of said warranties shall be submitted with the bid. Please indicate if a third party vendor will be utilized for warranty work and provide a list of third party vendors used by the bidder in region.

Trade In:

NEDSRA will be trading in one vehicle as part of the bid process. Vendors are encouraged to assess the value of the vehicle and make an offer. An accepted purchase price for the trade in will be the amount deducted from the winning bid. The vehicle is a 2010 Ford E450 Starcraft Universal. It comes equipped with a wheelchair lift and requires a CDL to operate. As of April 2022, the odometer reads 87,400 miles. The vehicle is available to view by appointment. Contact Jerry Barton at jbarton@nedsra.org.

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Northeast DuPage Special Recreation Association

BID SUBMITTAL FORM FOR PARATRANSIT SHUTTLE BUS

1. Bidder acknowledges receipt of the following bid addenda, if any:

   _____

2. Bidder acknowledges that it has reviewed the specifications and drawings related to this bid, and agrees that if NEDSRA awards the bid to this Bidder, Bidder agrees to furnish and deliver the specified vehicle in accordance with the specifications and drawings, and all other terms and conditions contained therein.

3. Bidder hereby submits the price of $_____to furnish and deliver the Paratransit bus specified the specifications and drawings.

4. If awarded the bid, Bidder agrees to deduct the amount of $_____ from the purchase price in exchange for NEDSRA's trade in of a 2010 Ford E450 Starcraft Universal.

5. Bidder acknowledges that this bid is firm and irrevocable for a period of sixty (60) days after the date of bid opening.

6. Bidder will provide any safety/construction rationale that deviates from the written vehicle specifications.

Bidder: _____ **(Company)**

Name:_____

Its:_____

Bidder's address:_____

_____

City _____ **State** _____ **Zip** _____

Bidder's email: _____

State of:_____ **County of:**_____

Subscribed and signed before me on _____ **(date)**

_____

(Signature of Notary Public)

(Seal of Notary Public)