



ROUND LAKE AREA SCHOOLS

Community Unit School District #116

ROUND LAKE AREA SCHOOLS CUSD #116 LEASE OF SCHOOL BUSES

INVITATION TO BID

Sealed bids for the lease of school buses, for the Round Lake Area Schools Community Unit School District #116, as described below will be received at the Round Lake Area Schools CUSD #116 Operations Service Center, 811 Sunset Drive, Round Lake, IL 60073 until 12 noon, local time, Tuesday, January 16, 2024. At 1:00 PM, all bids will be publicly opened and read aloud at the Maintenance Warehouse, 719 Valentin Drive, Round Lake, IL, 60073. Please submit hard copy of bids in duplicate in a sealed envelope to be marked "Sealed Bid for SD116- Lease of School Buses" and submitted to the Attention of Dr. Pamela Kibbons.

Electronic Bid Documents may be obtained, starting at 9:00 AM on Wednesday, January 3, 2024, on the Round Lake Area Schools CUSD #116 District website, Operations Tab-select Business Office. Hard Copies of the Bid Documents are not available.

All questions will be due from respondents by Monday, January 8, 2024, at 4:00 pm submitted through bids@rlas-116.org, and will be responded by Wednesday, January 10, 2024 at 4:00 p.m., via the District's website, www.rlas-116.org.

The Round Lake Area Schools CUSD #116 reserves the right to accept or reject any bid, to award all or part of a contract, and to make such awards as are in the best interests of the School District and to waive any bid irregularities. Factors other than price which will be considered in awarding or rejecting bids shall include the results of reference contacts, and the quality of the bidder's performance on prior projects, if any, in the judgment of the School District. All proposals submitted shall be valid for a period of 90 days. Proposals may be withdrawn by email request prior to the opening of the bids. No bid will be considered after the submission deadline.

Round Lake Area School District 116, in an effort to reaffirm its policy of non-discrimination, encourages the efforts of Operators and sub-Operators to take affirmative action to bid, in addition to providing for Equal Employment Opportunity without regard to race, religion, creed, color, sex, national origin, age, handicap unrelated to ability to perform the job or protected Veteran's status.

Dated in Round Lake, Illinois, this January 2, 2024.

By Order of Round Lake Area School District 116

Dr. Pamela M. Kibbons, Chief Financial Officer

INSTRUCTIONS TO BIDDERS

Bid Proposals

The expectation for this bid is to lease school buses for the time period of July 1, 2024 through June 30, 2028. The district reserves the right to extend this lease with notice and acceptance by both parties by June 30, 2027.

In addition, the Board of Education reserves the option to purchase some or all of the school buses leased within the terms of the original bid award. Notification will be provided to the vendor by June 30, 2027, if the District will exercise the option to purchase some or all of the leased buses.

Please read the specifications carefully to ensure the understanding of the expectations for the bid. All bid proposals must be submitted on the forms provided.

Bidder specifications should be written in on the provided lines next to minimum specification(s). **Bid proposals submitted on other forms will be rejected.**

The lease agreement must disclose the principal cost of the bus separate from a finance charge and interest; it cannot be built into the cost. Include an amortization table(s) denoting the principal cost of each leased bus, annual lease payments, lease terms, yearly interest rate, yearly interest payments, acquisition date and date initial payment is due. Please submit the leasing financial information on your company letterhead.

Bid proposals must be signed (using ink) in longhand by person(s) legally authorized to perform such function. Evidence may be required to substantiate the signature.

Bid documents shall be submitted in sealed envelopes clearly labeled as follows:

Lease of (45) 77- Passenger School Buses and (8) Diesel Wheelchair
July 1, 2024 – June 30, 2028

ADDRESSED TO:

Round Lake Area CUSD #116
811 Sunset Dr.
Round Lake, IL 60073
Dr. Pam Kibbons, Chief Financial Officer

Interpretations, Discrepancies, and Omissions

No oral interpretations will be given to any Bidder as to the meaning of any bid documents and/or specifications. No oral response will be given to alleged discrepancies or omissions in the specifications or instructions. Any requests for interpretations or responses can be submitted via email to bids@rlas-116.org

No such requests received after Monday, January 8, 2024 at 4:00 p.m. will be considered. Replies to requests received will be on the District website at www.rlas-116.org.

Bid Deposit

No bid deposit is required. Bidder acknowledges their failure to perform within the intent of the bid solicitation may disqualify them from future bidding to Round Lake Area School District #116.

Examination of Specifications

Each bidder shall acquaint themselves with the specifications. Bidder's exercise of his privileges of the foregoing will in no way relieve the bidder from any obligation with respect to the bid proposal. The quantities indicated are a reasonable estimate at this time. The Board of Education reserves the right to revise any or all quantities at the time they issue purchase orders.

Time for Receiving Bids

Bid proposals must be delivered to Dr. Pam Kibbons, Chief Financial Officer, Round Lake Area School District #116, 811 Sunset Dr., Round Lake IL, 60073 prior to Tuesday, January 16, 2024 at 12 noon local time. Bids received after the scheduled date and time will not be accepted.

Withdrawal of Bids

Bids may be withdrawn by written request of the person submitting the original bid. Such request must be received prior to the bid opening time on Tuesday, January 16, 2024 of 12 noon.

Award of Contract

The award will be to the lowest responsible bidder(s) if the bid complies with the conditions of the bid documents and if the award of the contract(s) is in the best interest of the Round Lake Area Schools District #116.

Delivery of Product & Service

School Buses will be delivered to the Round Lake Area School Transportation Lot located on 811 Sunset Drive, Round Lake, IL 60073. The contacts at that location will be Louis Garcia, Director of Transportation or Marc Weihofen, District Mechanic and must be delivered on or before July 1, 2024 at 4:00 p.m. CST.

Billing & Payment

Invoices can be sent to the following address:

Round Lake Area School District #116
Attention: Accounts Payables
811 Sunset Dr.
Round Lake, IL 60073

Payment for Bus Leases will be made following the guidelines of the lease agreement and in accordance with **(50 ILCS 505/) Local Government Prompt Payment Act.**

Exemptions from Taxes

Round Lake Area School District #116 is exempt from Federal, State and Municipal Taxes.

Reservation of Rights by the District

The Round Lake Area Schools CUSD #116 reserves the right to accept or reject any bid, to award all or part of a contract, and to make such awards as are in the best interests of the School District. Factors other than price which will be considered in awarding or rejecting bids shall include the results of reference contacts, and the quality of the bidder's performance on prior projects, if any, in the judgment of the School District. All proposals submitted shall be valid for a period of 90 days.

Department of Human Rights Regulations

All bidders must abide by and attest to the fact that they are in compliance with the Illinois Human Rights Act as amended effective July 1, 1993 (formerly the Fair Employment Practice Commission). The D.H.R. (formerly F.E.P.C.) number must be on the bid form. Bidders who do not have a D.H.R. number can satisfy this requirement by signing the enclosed Certificate of Compliance and submitting it with the bid.

Hold Harmless and Indemnity

The vendor shall assume the defense of and shall pay, indemnify and save harmless the District, its agents and employees, from all suits, actions, claims, damages, losses and costs of every kind and description to which they or their agents or employees may be subjected by reason of injury, including death, to persons, or damage to property resulting from our growing out of any act of commission or omission by the Vendor, its agents or employees, or its subcontractors.

Said defense will be applicable in connection with any activity, including any removal, relocation, construction, installation or maintenance work, service or operation being undertaken or performed by or for the Vendor whether on or off the site or any portion thereof, whether such suits, actions, claims, damages, or its agents and employees, or by other persons, corporations or legal entities to whom the district or its agents and employees, may be liable.

Signature Constitutes Acceptance

The signing of the bid form shall be construed as acceptance of all the provisions contained herein.

Non-Discrimination Disclosure

Round Lake Area School District 116, in an effort to reaffirm its policy of non-discrimination, encourages the efforts of Operators and sub-Operators to take affirmative action to bid, in addition to providing for Equal Employment Opportunity without regard to race, religion, creed, color, sex, national origin, age, handicap unrelated to ability to perform the job or protected Veteran's status.

ROUND LAKE SCHOOL DISTRICT #116

LIQUIDATED DAMAGES FOR LATE DELIVERY

ALL BUSES MUST BE DELIVERED BEFORE JULY 1, 2024 BY 4:00 P.M. CST

Failure of the manufacturer/seller to deliver school buses within the time set forth will result in added expenses, loss, and damage to the Owner.

Liquidated damages in the amount of **\$1,000.00 per calendar day/per bus** that final delivery is delayed beyond dates listed above, are hereby established, not as a penalty, but because such added expense, loss, and damage are not reasonably ascertainable.

Owner's right to recover liquidated damages is in addition to and not a substitute for any right of recovery for additional cost incurred within the time provided, nor for any damage to the Owner caused by some action of, or failure to act by manufacturer/seller other than the failure to deliver on time.

Owner's right to recover liquidated damages shall not be a substitute for or bar to recovery from manufacturer/seller of any additional compensation. Owner may be obligated to pay caused by manufacturer/seller delay in delivery.

The rights and remedies of Owner herein provided are in addition to any other rights and remedies provided.

By: _____
Signed Name of Company Agent

Printed Name of Agent

Title

Name of Vendor/Company

Subscribed and sworn to before me this _____ day of _____, 2024

(Signature of Notary Public)

Bid Affidavit

I have examined the specifications and instructions included herein and agree, provided I am awarded a contract to provide the specified items and/or series or work as described in the specifications and instructions for the sum shown in accordance with the terms stated herein. All deviations from specifications and terms are in writing and attached hereto. The Contractor/Vendor certifies that the Contractor is not barred from bidding on the contract as a result of a conviction for either bid rigging or bid rotating under Article 33E of the Criminal Code of 1961.

By: _____
Signed Name of Company Agent

Printed Name of Agent

Title

Name of Vendor/Company

Subscribed and sworn to before me this _____ day of _____, 2024

(Signature of Notary Public)

2023-2024 Transportation Bid Bus Specifications

Specifications for Four (4) year term (July 1, 2024-June 30, 2028) Lease of Diesel School Buses:

TOTALS: Forty-Five (45), Seventy-Seven (77) passenger buses with detailed specifications below.

Eight (8), diesel wheelchair buses with detailed specifications below.

Fifty-three (53) total buses

- Thirty-Five (35) seventy-seven (77) passenger buses with the first row only (seat 1 and seat 2), with integrated STAR seats.
- Six (6) seventy-seven (77) passenger buses with the first row only (seat 1 and seat 2), with integrated STAR seats and three (3) seat belts per bench.
- Four (4) seventy-seven (77) passenger buses with luggage compartments, with the first row only (seat 1 and seat 2), with integrated STAR seats.
- Eight (8) diesel wheelchair buses with the first row only (seat 1 and seat 2), with integrated STAR seats.

Specifications for Equipment:

- (39) seventy-seven (77) passenger buses will require an uninstall and reinstall of Gatekeeper video system and 2-way radio system
 - (8) diesel wheelchair buses will require an uninstall and reinstall of Gatekeeper video system and 2-way radio system
 - (6) seventy-seven (77) passenger buses will require purchase and installation of Gatekeeper video system and 2-way radio system.
 - Dealer to provide cost for installation of 39 camera systems in seventy-seven (77) passenger buses and eight (8) wheelchair buses. Cameras will be provided by Round Lake Area School District #116.
 - Dealer to provide cost for installation of 53 Wi-Fi routers (6 of the buses will be installed at a later date) in seventy-seven (77) passenger buses and eight (8) wheelchair buses. Wi-Fi routers will be provided by Round Lake Area School District #116.
 - 53 buses (both 77 passenger and wheelchair buses) to have Tyler telematic GPS, Geotab devices purchased installed. Dealer to purchase and install.
 - Buses to be numbered as follows:
 - ✓ 35 (seventy-seven passenger buses) numbering: #1-22, 24-31 and 41-45.
 - ✓ 6 (seventy-seven passenger buses with seat belts) numbering: #48, 49,50, 51, 52 and 53
 - ✓ 4 (seventy-seven passenger buses with luggage compartments) numbering: #32, 33, 34 and 35
 - ✓ 8 (wheelchair buses) numbering: #23, 36, 37, 38, 39, 40, 46 and 47.
- 53 Total

CUMULATIVE BID INFORMATION

Name of Company: _____

Address of Company: _____

Signed: _____

Name (printed): _____

Title: _____

Email Address: _____

Telephone Number: _____ Date: _____

Total Cost of Lease: _____

Payment Terms: _____

Length of Lease: The expectation for this bid is to lease school buses for the time period of July 1, 2024 through June 30, 2028. The district reserves the right to extend this lease with notice and acceptance by both parties within 90 days of the end of the original lease agreement of July 1, 2024 through June 30, 2028.

In addition, the Board of Education reserves the option to purchase some or all of the school buses leased within the terms of the original bid award.

Lease of School Buses

SEXUAL HARASSMENT POLICY CERTIFICATE

_____ contractor does hereby certify pursuant to Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2 – 105: Have a written sexual harassment policies that shall include, at a minimum, the following information: (i) the illegality of sexual harassment, (ii) the definition of sexual harassment under State law, (iii) a description of sexual harassment, utilizing examples; (iv) the vendor’s internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department and the Commission; (vi) directions on how to contact the Department and Commission; and (viii) protection against retaliation as provided by Section 6-101 of this Act.

By: _____
Print Name of Company Agent

Title

Signature of bidder

Subscribed and sworn to before me this _____ day of _____, 2024

Signature of Notary Public

**ROUND LAKE SCHOOL DISTRICT 2025
NEW 77 PASSENGER SCHOOL BUS SPECIFICATIONS**

Minimum specifications are listed below, and each bidder must state to the right of the listed specifications the compliance details that pertain to the unit bid indicating size, quality, range and information as necessary to determine unit quality.

ALL COMMENTS MUST BE MADE UNDER THE BIDDER SPECIFICATIONS. BIDDER IS NOT TO LINE OUT, CHANGE, MODIFY THE MINIMUM SPECIFICATIONS. FAILURE TO COMPLY MAY GIVE THE BOARD OF EDUCATION REASON TO REJECT THE BID.

Currently leased buses will not be released until approved delivery of new fleet.

CHASSIS SPECIFICATIONS	Meets Spec Yes/No	Exception / Description
1. GENERAL DESCRIPTION		
<ul style="list-style-type: none"> • 2025 Model Year Conventional School Bus Chassis 		
<ul style="list-style-type: none"> • 276" Wheel Base Minimum 		
<ul style="list-style-type: none"> • Frame - 50,000 PSI Strength 		
2. ENGINE AND RELATED EQUIPMENT		
<ul style="list-style-type: none"> • Engine Must Be An Electronic Turbo Charged Diesel 		
<ul style="list-style-type: none"> • Engine Must Be B6.7 Cummins 		
<ul style="list-style-type: none"> • Engine to Produce a Minimum of 240HP ** Specify Engine H.P. _____ 		
<ul style="list-style-type: none"> • Single Stainless Steel Horizontal Exhaust System, Tail Pipe To Exit Left Side Of Emergency Door Through Rear Bumper 		
<ul style="list-style-type: none"> • Electronic Cruise Control 		
<ul style="list-style-type: none"> • 750 Watt Engine Block Heater 		
<ul style="list-style-type: none"> • FAN DRIVE {Warner Electric FC-550} Electronically Activated and Controlled 		
<ul style="list-style-type: none"> • -40 Degree Anti Freeze, Shell Rotella Long Life Coolant 		
<ul style="list-style-type: none"> • Bus To Be Equipped With Traction Control NO EXCEPTIONS 		
<ul style="list-style-type: none"> • Bus To Be Equipped with Electronic Stability Control 		
<ul style="list-style-type: none"> • Dry Element Air Filter With Restriction Gauge Located On The Air Cleaner 		
<ul style="list-style-type: none"> • 5 Year / 100,000 Mileage Engine Warranty ** Specify Warranty Terms _____ 		

	Meets Spec Yes/No	Exception / Description
3. TRANSMISSION		
<ul style="list-style-type: none"> Allison Electronic Series 2500PTS Automatic Transmission With Overdrive 		
<ul style="list-style-type: none"> Transmission To Be Filled With Synthetic Transmission Fluid 		
<ul style="list-style-type: none"> Transmission Control to be a Stalk Shifter Mounted to the Steering Column for Easy Reach and Operation by the Driver 		
<ul style="list-style-type: none"> Transmission To Have 7 Year Unlimited Mile Warranty ** Specify Warranty Terms _____ 		
4. AXLES AND SUSPENSION		
<ul style="list-style-type: none"> 29,800 Lb GVWR Minimum 		
<ul style="list-style-type: none"> Minimum 10,000 lb. Front Axle 		
<ul style="list-style-type: none"> 10,000 lb. Front Parabolic Leaf Springs 		
<ul style="list-style-type: none"> Synthetic Grease Lubricated Front Wheel Bearings 		
<ul style="list-style-type: none"> Minimum 19,800 lb. Rear Axle 		
<ul style="list-style-type: none"> 21,000 lb. Vari Rate AirRide Rear Suspension Springs 		
<ul style="list-style-type: none"> Rear Axle Ratio To Maximize Fuel Economy 		
<ul style="list-style-type: none"> Synthetic Rear Axle Lube 		
<ul style="list-style-type: none"> Front And Rear Dual Action Shock Absorbers 		
5. TIRES		
<ul style="list-style-type: none"> Front - 11R22.5 Hwy Type 		
<ul style="list-style-type: none"> Rear - 11R22.5 Mud And Snow 		
<ul style="list-style-type: none"> Tire Pressure Monitor on Front and Rear 		
6. WHEELS		
<ul style="list-style-type: none"> Steel Hub Piloted Disc, 10 Stud, 8.25 X 22.5 		
<ul style="list-style-type: none"> Wheels And Tires To Be Balanced Before Installation 		
7. BRAKES		
<ul style="list-style-type: none"> Air Brakes 		
<ul style="list-style-type: none"> Dust Shields 		
<ul style="list-style-type: none"> Bus To Be Equipped With A Traction Control System To Improve Traction And Prevent Rear Wheel Spin 		

	Meets Spec Yes/No	Exception / Description
8. STEERING		
• Power Steering System		
• 5 Position Tilt Steering Wheel		
• 50 Degree Wheel Cut For Exceptional Maneuverability		
9. FUEL TANK		
• 100 Gallon Fuel Tank Mounted Between The Frame Rails With Crash Barrier		
• Fleetguard Heated Fuel/Water Separator		
• Fuel Restriction Indicator Light On The Dash To Alert The Driver / Mechanic Of A Dirty Filter,		
• Water-In-Fuel (WIF) Sensor To Notify The Driver, Via WIF Light On The Dash, Eliminating The Need To Check The Sight Glass		
10. INSTRUMENTATION		
• Complete Instrumentation Including Engine Hour Meter, Oil Pressure Gauge, Temperature Gauge, Speedometer, Tachometer, Amp Meter, Voltage Meter, And Brake Warning Light And Alarm		
• Drives Dash to have 5” Digital, Color display with custom view options including real-time fuel economy, speedometer and tachometer, gauge setting, gear selection indicator, secondary gear display, safety indicators and distance to empty, includes diagnostic readouts, alerts indicator, in-gauge warning lights, pop-up alert messages.		
• Dash to have USB-A and USB-C Charging Ports		
11. ELECTRICAL EQUIPMENT		
• Minimum 210 Amp Alternator		
• Electrical Circuits Protected By Manual Re-Set Circuit Breakers For Body And Chassis		
• Magnetic Body Cut-Off Solenoid		
• Light Check System Allowing For One Person Inspection Of All Exterior Lights		
• Headlights Will Be L.E.D. No Exceptions		
• Headlight to have Twilight Sensor and Automatically Turn on Dark		
• Daytime Running Lights To Activate When Transmission Is Shifted Into Gear, Lights To Remain Off When Transmission Is In Neutral Or Park Position		
• Headlights And Taillights Will Have An Instant On Feature With The Activation Of Windshield Wipers		
• Buzzer To Indicate Headlights Are On When Ignition Is Turn Off		
• All Wiring Shall Be Grommet Protected Where It Passes Through Metal		
• Three (3) Batteries With A Minimum Of 1980 CCA		

	Meets Spec Yes/No	Exception / Description
ELECTRICAL EQUIPMENT CONTINUED		
<ul style="list-style-type: none"> Batteries To Be Enclosed In 14 Gauge Frame Mounted Battery Box Compartment With Pull Out Tray On Rollers 		
<ul style="list-style-type: none"> Dual Electric Horns Trumpet Style 		
<ul style="list-style-type: none"> On Board IP Diagnostic Display with 5" color Display in Driver Dash 		
<ul style="list-style-type: none"> Keyed Alike Ignitions for Entire Fleet 		
<ul style="list-style-type: none"> Keyed Alike Vandal Locks For Entire Fleet 		
12. FRONT BUMPER		
<ul style="list-style-type: none"> Front Bumper Shall Be Full Width And Must Extend To Outer Edge Of Fenders 		
<ul style="list-style-type: none"> Front Bumper Must Be Of Sufficient Strength To Permit Pushing Of A Vehicle Of Equal Gross Weight Without Permanent Distortion To Bumper, Chassis, Or Body 		
<ul style="list-style-type: none"> Specialty Series 6000 "Solid State" Electric Crossing Arm. Control Box To Be Sealed And Integrated Into The Rear Of The Front Bumper. 		
<ul style="list-style-type: none"> 72" Crossing Gate To Have Yellow Poly Type Arm Contoured To The Bumper For Protection And Lower Air Disturbance 		
<ul style="list-style-type: none"> Crossing Arm To Be Held To Front Bumper When Not In Use 		
13. HOOD		
<ul style="list-style-type: none"> Hood Fiberglass 3 Piece Design For Low Cost Repairs And Requires Less Than 5 Lbs Of Effort To Open 		
<ul style="list-style-type: none"> Hood To Have Built In Open And Close Assist That Does NOT Require Driver To Lift A Hold Open Devise In Order To Close Hood 		
<ul style="list-style-type: none"> Splash Guards To Limit Splash and Road Dirt For entering The Engine Compartment, To Be Integrated And Raise With Hood For Easy Engine Access 		
<ul style="list-style-type: none"> Silver grill 		
<ul style="list-style-type: none"> Grill painted to match bus 		*ALTERNATE BID ITEM*
14. MISCELLANEOUS CHASSIS EQUIPMENT		
<ul style="list-style-type: none"> Frame Mounted Front Tow Hooks 		
<ul style="list-style-type: none"> Frame Mounted Rear Tow Hooks 		

BODY SPECIFICATIONS

Minimum specifications are listed below and each bidder must state to the right of the listed specifications the compliance details that pertain to the unit bid indicating size, quality, range and information as necessary to determine unit quality.

ALL COMMENTS MUST BE MADE UNDER THE BIDDER SPECIFICATIONS. BIDDER IS NOT TO LINE OUT, CHANGE, MODIFY THE MINIMUM SPECIFICATIONS. FAILURE TO COMPLY MAY GIVE THE BOARD OF EDUCATION REASON TO REJECT THE BID.

BODY SPECIFICATIONS	Meets Spec Yes/No	Exception / Description
1. GENERAL DESCRIPTION		
<ul style="list-style-type: none"> • 77 Passenger Seating Capacity 		
<ul style="list-style-type: none"> • 2025 Model Year Conventional School Bus Body 		
<ul style="list-style-type: none"> • Body Length To Be 34'11" For Best Seat Spacing 		
<ul style="list-style-type: none"> • Minimum Interior Headroom In Passenger Compartment Of 78" 74" Not Acceptable **Specify Headroom _____ 		
2. BODY CONSTRUCTION		
<ul style="list-style-type: none"> • Body Construction Will Conform To FMVSS220 And FMVSS221 For Joint Strength And Roll Over Protection, Including Floor Joints 		
<ul style="list-style-type: none"> • Body To Be Attached To Chassis With GRADE 8 Bolts, Each Body Section Equipped With An Anti Spin Off Device 		
<ul style="list-style-type: none"> • The Side Panels On Outside Of Bus Are To Be A Minimum Of 16 Gauge Smooth Steel 		
<ul style="list-style-type: none"> • Four (4) Full Length Exterior Rub Rails, Painted Black Flange To Flange- To Be Installed With Buck Type Rivets 		
<ul style="list-style-type: none"> • Top Of Rub Rails To Be Sealed With Caulk And Bottom To Have Drain Holes 		
<ul style="list-style-type: none"> • Body Bows Are To Be a Minimum Of 14 Gauge Steel And Of One Piece Design, Extending From Floor Line To Floor Line To Eliminated Damage To Bows If Lower Skirt Is Damaged 		
<ul style="list-style-type: none"> • 20" Exterior Lower Skirt Panel To Be 16 Gauge Steel And Extend From Floor Line To Bottom Rub Rail For Ease Of Replacement If Damaged 		
<ul style="list-style-type: none"> • Roof Bows To Be Threaded Through Roof Strainers And Drip Rails For Strong Body Integrity 		
<ul style="list-style-type: none"> • One Piece Roof Panels From Window To Window 		
<ul style="list-style-type: none"> • Aluminized Steel Inner Side Walls 		

	Meets Spec Yes/No	Exception / Description
BODY CONSTRUCTION CONT.		
<ul style="list-style-type: none"> Interior Header Panels, Front And Rear, To Be Removable To Allow Access To The Roof Cap Area 		
<ul style="list-style-type: none"> Full Length Rain Gutter 		
<ul style="list-style-type: none"> All Ceiling Panels To Be Perforated Type With Acoustic Lining In All Sections 		
<ul style="list-style-type: none"> Ceiling Panels To Be Installed With Rivits 		
<ul style="list-style-type: none"> Complete Insulation, Including Corners, Headers, Ceiling And Roof Bows, Minimum 1 ½ “ Thickness, Fiberglass Type 		
3. REAR BUMPER		
<ul style="list-style-type: none"> To Be Die Formed 3/16” Steel, Minimum 12” Face With 12” Wrap Around 		
<ul style="list-style-type: none"> 12” Rear Bumper To Have Exhaust Pipe Exit Access Hole 		
4. DOORS		
<ul style="list-style-type: none"> Entrance Door To Be Outward Opening, And Electronically Operated No Manual Doors Accepted 		
<ul style="list-style-type: none"> Exterior Key to Open and Close Entrance Door...All Buses in Fleet To Be Keyed Alike 		
<ul style="list-style-type: none"> Entrance Door To Have An Aluminum Frame With 		
<ul style="list-style-type: none"> Entrance Door To Have Top Latches to Secure Door shut 		
<ul style="list-style-type: none"> Read Out in Driver Color Screen Indicating if Entrance Door Is Not Full Closed and Secured 		
<ul style="list-style-type: none"> Left and Right Glass Of Entrance Door To Be Full Length of door For Better Visibility 		
<ul style="list-style-type: none"> Entrance Door To Have Dual Exterior Non-Corrosive Handles Mounted To Front Door Panel To Open And Close Entrance Door 		
<ul style="list-style-type: none"> Entrance Door Open/Close Switch To Be Located On Steering Wheel, Allowing Driver To Keep Hands On The Wheel And Eyes On The Road 		
<ul style="list-style-type: none"> Redundant Open/Close Switch To Activate The Electric Entrance Door Shall Be Located On The Drivers Switch Panel. 		
<ul style="list-style-type: none"> Entrance Door Will Not Open Until Bus Has Come To A Complete Stop, Reducing The Potential For Accidental Opening 		
<ul style="list-style-type: none"> 3 Step Stepwell With A Minimum 32” Opening For All Steps **Specify Width of each step _____ 		
<ul style="list-style-type: none"> Entrance Step Risers To Be 9” and Equal In Height 		

	Meets Spec Yes/No	Exception / Description
DOORS CONTINUED		
<ul style="list-style-type: none"> Stepwell to have Stamped Pebble Steps, (No vinyl covering). Stepwell to be coated in a Solid Rust Preventing material such as Line-X or Naviflex Material 		
<ul style="list-style-type: none"> Rear Center Emergency Door Must Conform To FMVSS217 For Emergency Exits 		
<ul style="list-style-type: none"> 1" Diameter Stainless Steel Grab Rail Aft Of Entrance Door 		
<ul style="list-style-type: none"> Rear Emergency Door To Have Internal Hinges With Zirc Fittings Piano Style Hinges Will Not Be Accepted 		
<ul style="list-style-type: none"> Vandal Locks On Front And Rear Doors 		
<ul style="list-style-type: none"> Rear Vandal Lock To Have Buzzer And Ignition Interlock To Prevent Bus From Starting When Door Is Locked 		
<ul style="list-style-type: none"> Spring loaded Locking Fuel Door 		
5. WINDOWS AND WINDSHIELD		
<ul style="list-style-type: none"> 3 Piece Glass Windshield With <u>No</u> Center Post To Obstruct Drivers View. 		
<ul style="list-style-type: none"> Windshield To Have a 16* Rake To Give Driver Better Visiblity 		
<ul style="list-style-type: none"> Windshield To Be Solex Tinted With Heavy Tint Border At Top Of Glass 		
<ul style="list-style-type: none"> Windshield Wipers To Be Heavy Duty With Bottom Mounted Control Arms 		
<ul style="list-style-type: none"> Winter Wiper Blades, 26" blades 		
<ul style="list-style-type: none"> Wipers To Have 5 Intermittent Speeds 		
<ul style="list-style-type: none"> Wiper Controls To Be Located On The Turn Signal Stalk 		
<ul style="list-style-type: none"> Headlamps and Taillights To Operate Automatically When Wipers Are Engaged 		
<ul style="list-style-type: none"> 12" Aluminum Windows Tinted To 28% Light Transmission. 		
<ul style="list-style-type: none"> Window Latch To Be Replaceable Without Removing Window 		
6. EMERGENCY EXITS		
<ul style="list-style-type: none"> Four(4) Vertical Push Out Emergency Exit Windows Two On Each Side Of Bus 		
<ul style="list-style-type: none"> Two (2) Specialty Hybrid Advantage Hatches With Alarm Mounted In The Roof Of Bus 		

	Meets Spec Yes/No	Exception / Description
7. SAFETY EQUIPMENT		
<ul style="list-style-type: none"> • 5 Lb Fire Extinguisher Mounted On The Floor In The Drivers Area 		
<ul style="list-style-type: none"> • Triangle Reflector Kit To Be Secured Off The Floor Behind Driver Seat To Prevent Damage 		
<ul style="list-style-type: none"> • 10 Unit First Aid Kit Mounted To The Front Header 		
<ul style="list-style-type: none"> • Body Fluid Clean Up Kit 		
<ul style="list-style-type: none"> • 112db Back Up Alarm Activated By Reverse Gear 		
<ul style="list-style-type: none"> • Post Trip Monitor System, Accessory Controlled, With Alarm Disable At Rear Of The Bus By Pressing Button In Light Bar Panel 		
<ul style="list-style-type: none"> • Colored “Noise Suppression Switch” To Be Dash Mounted. Switch To Be Labeled “Noise” Or “No Noise”. Single Switch To Control All Heater Motors, Defroster Fans, And Radio So That The Driver Can Hear At Intersections And Railroad Crossings 		
8. SEATS AND UPHOLSTERY		
<ul style="list-style-type: none"> • Driver Seat To Be National 2000 With Cloth Inserts 		
<ul style="list-style-type: none"> • Drivers Seat To Have Side Arm Rest On Both Sides 		
<ul style="list-style-type: none"> • Shoulder Harness With Adjustable Height Wall Mounted Retractor For Drivers Seat Belt 		
<ul style="list-style-type: none"> • Driver’s Seat Belt To Be BLAZE ORANGE For Quick Visibility Of Seat Belt Usage 		
<ul style="list-style-type: none"> • Seating Capacity To Be 77 Passengers 		
<ul style="list-style-type: none"> • All Seats To High Back Seat Belt Ready Seats 		
<ul style="list-style-type: none"> • All Passenger Seats Must Have An Interchangeable Seat Back Module That Allows For Future Upgrades. Upgrades Include 3 Point Lap/Shoulder Belt For Up To 3 Passengers Per Seat; Integrated Child Seat (ICS) With A 5 Point Harness And Sliding Shoulder Height Adjusters To Accommodate Significantly Taller Children. All Upgrades To Be Accomplished Without Replacing Or Removing The Seat Base Frame From The Floor. Example Would Be IMMI Safeguard Exchange Seats NO EXCEPTIONS Bids Not Meeting The seat requirements Will Be Thrown Out For Non-Compliance 		
<ul style="list-style-type: none"> • All Seats Upholstered With Heavy Duty 42 Ounce Vinyl Material, Gray In Color 		
<ul style="list-style-type: none"> • Shoulder Pads in Gray to Match Seats 		
<ul style="list-style-type: none"> • 5” Fire Block Upholstered Header Pad Above Emergency Door and Entrance Door in Gray 		

	Meets Spec Yes/No	Exception / Description
9. FLOOR AND COVERING		
<ul style="list-style-type: none"> One Piece (no seams) Gray Smooth Koroseal In Driver's Area 		
<ul style="list-style-type: none"> Stepwell to have Stamped Pebble Steps, (No vinyl covering). Stepwell to be coated in a Solid slip Resistant, Rust Preventing material such as Line-X or Naviflex Material 		
<ul style="list-style-type: none"> Wheel Housings Shall Be Covered With Abs Molded Wheel House Covers 		
<ul style="list-style-type: none"> Heavy Duty Gray Ribbed Rubber Or Koroseal Covering In Aisle 		
<ul style="list-style-type: none"> Gray Koroseal Flooring Under Seats 		
<ul style="list-style-type: none"> White Safety Edge For All Entrance Steps 		
<ul style="list-style-type: none"> 5/8" Exterior Grade Plywood Sub-Floor, Screwed Down NO NAILS 		
<ul style="list-style-type: none"> Aluminum Aisle Trim 		
<ul style="list-style-type: none"> Fuel Gauge Sender Access Plate 		
10. HEATERS AND DEFROSTERS AIR CONDITIONING		
<ul style="list-style-type: none"> Two Defroster Fans One Right One Left 		
<ul style="list-style-type: none"> Drivers Heater 		
<ul style="list-style-type: none"> Stepwell Heater Easily accessible for routine maintenance through stepwell 		
<ul style="list-style-type: none"> Rear Under Seat Heater With Two (2) Fans 		
<ul style="list-style-type: none"> Washable Air Filter To Be Furnished For All Heaters 		
<ul style="list-style-type: none"> Water Booster Pump Mounted Under The Hood 		
<ul style="list-style-type: none"> All Heater Hoses To Have Constant Torque Hose Clamps 		
<ul style="list-style-type: none"> Two (2) Quarter Turn Brass Heater Cut-Off Valves, With Butterfly Type Handle Under The Hood. 		
<ul style="list-style-type: none"> One (1) Quarter Turn Brass Heater Cut-Off Valves, With Butterfly Type Handle In Drivers Area 		
<ul style="list-style-type: none"> Driver Switch Panel To Have Switches To Control For The Heat Temperature, Air Flow Direction, And Fresh Air And/Or Recirculated Air 		
<ul style="list-style-type: none"> Defroster Channel To Be Full Width From Side To Side And Include Outlet Under Driver's Window 		

	Meets Spec Yes/No	Exception / Description
11. LIGHTS AND ELECTRICAL <ul style="list-style-type: none"> • Staggered L.E.D. Dome Lights Mounted Over Window Sections Located In The Wiring Access Panels Above The Side Windows 		
<ul style="list-style-type: none"> • Dome Lights To Have Front And Rear Separate Controls 		
<ul style="list-style-type: none"> • L.E.D. Drivers Dome Light With Separate Control and Dimmable 		
<ul style="list-style-type: none"> • L.E.D. Stepwell Light Wired For Automatic Operation With Entrance Door Control 		
<ul style="list-style-type: none"> • Two (2) 7" Combination Brake And Tail Lights 		
<ul style="list-style-type: none"> • Two (2) 7" Clear Back Up Lights 		
<ul style="list-style-type: none"> • Two (2) 4" Combination Brake And Tail Lights 		
<ul style="list-style-type: none"> • 7" Amber Turn Signals On Both Front And Rear 		
<ul style="list-style-type: none"> • Recessed Mounted Clearance Lights In Front And Rear Headers To Be L.E.D. For Better Visibility 		
<ul style="list-style-type: none"> • 8 Way Flasher Light System With Black Back Ground For Better Visibility 		
<ul style="list-style-type: none"> • 8 Way Light System To Be Wired Directly To The Chassis Multi-Plex System 		
<ul style="list-style-type: none"> • 8 Way Warning Light System To Be Activated By Steering Wheel Mounted Controls, Allowing Driver To Keep Hands On steering Wheel And Eyes On The Road 		
<ul style="list-style-type: none"> • 8 Way Warning Light System To Be Programmed To Operate At Up To 55 MPH 		
<ul style="list-style-type: none"> • 8 Way Warning Light To Have Hoods 		
<ul style="list-style-type: none"> • Pre-Check Switch Enabling One Person To Complete A Check Of All Exterior Lights 		
<ul style="list-style-type: none"> • Low Profile Strobe Light, Single Flashing 		
<ul style="list-style-type: none"> • L.E.D. Turn Indicators Mounted On Each Side Of The Body To Be L.E.D. For Better Visibility 		
<ul style="list-style-type: none"> • L.E.D. Marker Lights on Front, Rear and Side Of Bus To Be L.E.D. For Better Visibility 		
<ul style="list-style-type: none"> • 12 Volt Outlet In Drivers Area 		
<ul style="list-style-type: none"> • Magnetic Body Solenoid Cut Off 		
<ul style="list-style-type: none"> • Reflective Stop Arm To Operate From Opening Of Entrance Door With L.E.D. Strobe Lights For Better Visibility 		
<ul style="list-style-type: none"> • Crossing Gate Interrupt Switch 		
<ul style="list-style-type: none"> • AM/FM/USB/PA With 4 Speakers 		
<ul style="list-style-type: none"> • Exterior Speaker Mounted Under Step Well 		

	Meets Spec Yes/No	Exception / Description
LIGHTS AND ELECTRICAL CONTINUED		
<ul style="list-style-type: none"> Exterior Body Electrical Access Panel Mounted Below The Driver’s Window With Wiring Schematic Attached To Locking Door 		
<ul style="list-style-type: none"> Instrument Panel and Chassis Fuse Block Located Inside Bus with Spill Resistant Cover 		
<ul style="list-style-type: none"> Electrical Circuits Protected By Manual Re-Set Circuit Breakers For Body And Chassis 		
<ul style="list-style-type: none"> Headlight Buzzer To Warn Driver If Headlights Are Left On 		
<ul style="list-style-type: none"> Weather Proof Battery Cut Off Switch, Located In Battery Box 		
<ul style="list-style-type: none"> Rosco Back Up Camera with Play back in Driver Interior 6” x 30” mirror 		*ALTERNATE BID ITEM*
12. MIRRORS		
<ul style="list-style-type: none"> 6 X 30 Interior Mirror With Padded Edges 		
<ul style="list-style-type: none"> 6 X 30 Left Side Sun Visor, Plastic Type With Two Brackets 		
<ul style="list-style-type: none"> Heated Rosco Open View <u>Power Remote</u> Exterior Rear View Mirrors NO EXCEPTIONS 		
<ul style="list-style-type: none"> Mirror Lite Heated Cross View Mirrors 		
<ul style="list-style-type: none"> Cross View Mirrors to have L.E.D. Downlighting to Improve Driver Visibility in front of the Bus when Unloading Students, Light to Activate upon Opening Of Entrance Door 		*ALTERNATE BID ITEM*
<ul style="list-style-type: none"> Back Up Camera Play Back to be Viewable in Interior Review Mirror 		*ALTERNATE BID ITEM*
13. PAINT, LETTERING AND REFLECTORS		
<ul style="list-style-type: none"> Exterior Painted National School Bus Yellow And Black Trim 		
<ul style="list-style-type: none"> Roof To Be Painted White 		
<ul style="list-style-type: none"> 3M “Fluorescent” Diamond Grade Highly Reflective Tape Around The Perimeter Of All Kick Out Windows And Roof Hatches 		
<ul style="list-style-type: none"> 3M “Fluorescent” Diamond Grade Highly Reflective Tape Around The Perimeter Of The Rear Emergency Door 		
<ul style="list-style-type: none"> 3M “Fluorescent” Diamond Grade Highly Reflective Tape Around The Perimeter Of The Rear End 		
<ul style="list-style-type: none"> 3M “Fluorescent” Diamond Grade Highly Reflective Tape , 2” Stripe Down Each Side 		
<ul style="list-style-type: none"> 3M “Fluorescent” Diamond Grade Highly Reflective Tape For The “School Bus” Signs Front And Rear 		
<ul style="list-style-type: none"> All Amber And Red Reflectors On The Front, Side And Rear To Be 3M “Florescent” Highly Reflective Tape Screw On Reflectors NOT ACCEPTABLE 		
<ul style="list-style-type: none"> Use Of Lower Grade 3M Tape Product Will Not Be Accepted 		

	Meets Spec Yes/No	Exception / Description
14. MISCELLANEOUS REQUIREMENTS		
• Original Illinois Inspection Sticker On Unit At Time Of Delivery		
• Front and Rear Mud Flaps		
• Rear Rubber Fender Extensions		
• Bus Governed To Reach 75 Miles Per Hour		
• Complete Body Undercoating Including Under Step Well		
• Front Bulkhead Compartment		
• Rear Interior Bulk Head Door		
• Certificate Holder		
• Winter Front		
• Prewired For Two Way Radio with Fuse Block In Electrical Panel		
• Prewired For Digital Camera with Fuse Block In Electrical Panel		
• Large Driver Storage Compartment to be located Left of Driver, behind Switch Panel, Lid to Have Built in 44 oz. Cup Holder, USB-A and USB-C charging ports Located Inside Compartment		
• Additional Dash Mounted USB-A and USB_C Charging Ports		
• All Customer Required Lettering		
• Belt Line Lettering On Both Sides To Read “ROUND LAKE AREA SCHOOLS DISTRICT 116”		
• Erratic Driving Decal With Phone Number 847-270-9019		
• License And Title To Be Included In Bid Price		
• All Original License and Title Paper work to be filed by Selling Dealer, District Not Responsible to Send in State of Illinois License and Title Forms		
• 3 year/50,000 mile Bumper To Bumper Extended Warranty (Excluding General Maintenance Items)		
• 5 year / 100,000 Mile Towing Warranty		
• FOB		
• Delivery Must Be July 1 st , 2024. NO EXCEPTIONS.		
• Existing fleet will not be released until new fleet is approved and accepted.		

ROUND LAKE SCHOOL DISTRICT 116

2025 NEW MID-SIZE WHEELCHAIR SCHOOL BUS SPECIFICATIONS

Minimum specifications are listed below and each bidder must state to the right of the listed specifications the compliance details that pertain to the unit bid indicating size, quality, range and information as necessary to determine unit quality.

ALL COMMENTS MUST BE MADE UNDER THE BIDDER SPECIFICATIONS. BIDDER IS NOT TO LINE OUT, CHANGE, MODIFY THE MINIMUM SPECIFICATIONS. FAILURE TO COMPLY MAY GIVE THE BOARD OF EDUCATION REASON TO REJECT THE BID.

Currently leased buses will not be released until approved delivery of new fleet.

CHASSIS SPECIFICATIONS	Meets Spec Yes/No	Exception / Description
1. GENERAL DESCRIPTION		
<ul style="list-style-type: none"> • 2025 Model Year Conventional School Bus Chassis 		
<ul style="list-style-type: none"> • 236" Wheel Base 		
<ul style="list-style-type: none"> • Bus To Have Flat Floor NO WHEEL WELLS 		
<ul style="list-style-type: none"> • Frame - 50,000 PSI Strength 		
2. ENGINE AND RELATED EQUIPMENT		
<ul style="list-style-type: none"> • Cummins Diesel with 250 HP 		
<ul style="list-style-type: none"> • Engine to have 660 Ft/Lb of torque 		
<ul style="list-style-type: none"> • Electric Cooling Fan 		
<ul style="list-style-type: none"> • Winter Front Provided 		
<ul style="list-style-type: none"> • Single Stainless Steel Horizontal Exhaust System, Tail Pipe To Exit in front of rear wheels 		
<ul style="list-style-type: none"> • Electronic Cruise Control 		
<ul style="list-style-type: none"> • 750 Watt Engine Block Heater 		
<ul style="list-style-type: none"> • Adaptive Cruise Control 		
<ul style="list-style-type: none"> • Bus Governed To Reach 75 Miles Per Hour 		
<ul style="list-style-type: none"> • Electric Fan 		
<ul style="list-style-type: none"> • -40 Degree Anti-Freeze, Shell Rotella Long Life Coolant 		
<ul style="list-style-type: none"> • Dry Element Air Filter With Restriction Gauge Located On The Air Cleaner 		
3. TRANSMISSION		
<ul style="list-style-type: none"> • Allison Electronic Series 2550PTS 6 Speed Automatic Transmission 		
<ul style="list-style-type: none"> • Transmission To Be Filled With Synthetic Transmission Fluid Meeting TES-295 		
<ul style="list-style-type: none"> • 7 Year Transmission Warranty 		
<ul style="list-style-type: none"> • Transmission Control to be a Stalk Shifter, Mounted to the Steering Column for Easy Reach and Operation by the Driver NO "T" HANDLES 		

	Meets Spec Yes/No	Exception / Description
4. AXLES AND SUSPENSION		
• 29,800 Lb GVWR Minimum		
• Minimum 10,000 Lb Front Axle		
• 10,000 Lb Front Parabolic Leaf Springs		
• Synthetic Oil Lubricated Front Wheel Bearings		
• Minimum 19,800 Lb Rear Axle		
• 21,000 Lb AIR RIDE Rear Suspension		
• Rear Axle Ratio To Maximize Fuel Economy		
• Front And Rear Dual Action Shock Absorbers		
5. TIRES		
• Front- 11R /22.5 Hwy Type		
• Rear- 11R/22.5 Mud And Snow		
• To Be Equipped with Factory Installed Tire Pressure Monitors (TPM) with Real Time Tire Status Including Low Pressure, High Pressure, and Temperature, with readout displayed in Driver 5” Color Information Center on Dash		
6. WHEELS		
• Steel Hub Piloted Disc 8.25 X 22.5		
• Wheels And Tires To Be Balanced Before Installation		
7. BRAKES		
• AIR Brakes		
• Bendix Anti-Lock 4- Channel System		
• Dust Shields Front and Rear		
• Bendix AD-9 Heated Air Dryer		
• Cummins 18.7 CFM Air Compressor		
• Bendix DV-2 Automatic Drain Valve		
• Automatic Slack Adjusters		
• Bendix Full Electronic Stability Control		
• Parking Brake to be spring operated with set and release valve dash mounted		
• Brakes to have Parking Brake Interlock System requires service brake to be depressed in order to release the Parking Brake		
• Parking Brake cannot be release without key ignition key in run position		
• Bus To Be Equipped With A Traction Control System To Prevent Rear Wheel Spin		

	Meets Spec Yes/No	Exception / Description
8. STEERING		
• Power Steering System		
• 5 Position Tilt Steering Wheel		
• 50 Degree Wheel Cut For Exceptional Maneuverability		
9. ELECTRICAL EQUIPMENT		
• Minimum 325 Amp Leece-Neville Alternator		
• Electrical Circuits Protected By Manual Re-Set Circuit Breakers For Body And Chassis		
• Magnetic Body Cut-Off Solenoid		
• Light Check System Allowing For One Person Inspection Of All Exterior Lights		
• Headlights Will Be L.E.D. No Exceptions		
• Daytime Running Lights To Activate When Transmission Is Shifted Into Gear, Lights To Remain Off When Transmission Is In Neutral Or Park Position		
• Headlights And Taillights Will Have An Instant On Feature With The Activation Of Windshield Wipers		
• Headlights to have Twilight Feature, Turning Headlights and Tail lights on Automatically in dark conditions		
• Buzzer To Indicate Headlights Are On When Ignition Is Turn Off		
• All Wiring To Be Color Coded And Numbered		
• All Wiring Shall Be Grommet Protected Where It Passes Through Metal		
• Three (3) Batteries With A Minimum Of 1980 CCA		
• Batteries To Be Enclosed In 14 Gauge Battery Box Compartment With Pull Out Tray On Rollers		
• Battery Disconnect Switch Located In Battery Box		
• Battery Trickle Charger, wired into the block Heater plug so only One plug in is required		
10. FUEL TANK		
• 65 Gallon BFR Fuel Tank With Crash Barrier		
• Fleetguard Heated Fuel/Water Separator		
• Fuel Restriction Indicator Light On The Dash To Alert The Driver / Mechanic Of A Dirty Filter, Which Maximizes Filter Usage And Reduces The Cost Of Replacing Unnecessary Filters		

	Meets Spec Yes/No	Exception / Description
11. INSTRUMENTATION		
<ul style="list-style-type: none"> Complete Instrumentation Including Engine Hour Meter, Oil Pressure Gauge, Temperature Gauge, Speedometer, Tachometer, Amp Meter, Voltage Meter, And Brake Warning Light And Alarm 		
<ul style="list-style-type: none"> Drives Dash to have 5" COLOR Driver Information Display Screen 		
<ul style="list-style-type: none"> Ergonomic Wing Instrument Panel, Angled Toward the Driver with switches that are Easy To Read and Reach 		
<ul style="list-style-type: none"> Dash to have USB-A and USB-C Charging Ports 		
12. FRONT BUMPER		
<ul style="list-style-type: none"> Front Bumper Shall Be Full Width And Must Extend To Outer Edge Of Fenders 		
<ul style="list-style-type: none"> Front Bumper Must Be Of Sufficient Strength To Permit Pushing Of A Vehicle Of Equal Gross Weight Without Permanent Distortion To Bumper, Chassis, Or Body 		
<ul style="list-style-type: none"> Specialty Series 6000 "Solid State" AIR Operated Crossing Arm. Control Box To Be Sealed And Integrated Into The Rear Of The Front Bumper. 		
<ul style="list-style-type: none"> Crossing Arm To have a Hold Back Devise To Front Bumper 		
13. HOOD		
<ul style="list-style-type: none"> Hood Fiberglass Requires Less Than 5 Lbs Of Effort To Open 		
<ul style="list-style-type: none"> Hood To Have Built In Open And Close Assist That Does NOT Require Driver To Lift A Hold Open Devise In Order To Close Hood 		
<ul style="list-style-type: none"> Splash Guards To Limit Splash and Road Dirt For entering The Engine Compartment, To Be Integrated And Raise With Hood For Easy Engine Access 		
<ul style="list-style-type: none"> Front Grill to be Black 		
14. MISCELLANEOUS CHASSIS EQUIPMENT		
<ul style="list-style-type: none"> Frame Mounted Front Tow Hooks 		
<ul style="list-style-type: none"> Frame Mounted Rear Tow Hooks 		
<ul style="list-style-type: none"> All Ignitions to be Keyed Alike with key #Z-001 		
<ul style="list-style-type: none"> Bus To be Equipped With Electronic Stability Control 		
<ul style="list-style-type: none"> Dealership to have a certified mechanic at Round Lake transportation facility when needed to service/repair or replace warrantable items. Cost of this service must be included in pricing. Schedule to be arranged between Dealer and District 		

BODY SPECIFICATIONS

Minimum specifications are listed below and each bidder must state to the right of the listed specifications the compliance details that pertain to the unit bid indicating size, quality, range and information as necessary to determine unit quality.

ALL COMMENTS MUST BE MADE UNDER THE BIDDER SPECIFICATIONS. BIDDER IS NOT TO LINE OUT, CHANGE, MODIFY THE MINIMUM SPECIFICATIONS. FAILURE TO COMPLY MAY GIVE THE BOARD OF EDUCATION REASON TO REJECT THE BID.

BODY SPECIFICATIONS	Meets Spec Yes/No	Exception / Description
1. GENERAL DESCRIPTION		
<ul style="list-style-type: none"> • 51 PASSENGER Seating without WC passengers 		
<ul style="list-style-type: none"> • Ability to change the capacity to 24 seated and 5 wheelchairs <i>Include floor plan</i> 		
<ul style="list-style-type: none"> • 2025 Model Year Conventional School Bus Body 		
<ul style="list-style-type: none"> • Body Length To Be Minimum of 28' 2" 		
<ul style="list-style-type: none"> • Minimum Interior Headroom In Passenger Compartment Of 78" 74" Not Acceptable **Specify Headroom _____ 		
2. BODY CONSTRUCTION		
<ul style="list-style-type: none"> • Body Construction Will Conform To FMVSS220 And FMVSS221 For Joint Strength And Roll Over Protection, Including Floor Joints 		
<ul style="list-style-type: none"> • Body To Be Attached To Chassis With GRADE 8 Bolts, Each Body Section Equipped With An Anti-Spin Off Devise 		
<ul style="list-style-type: none"> • The Side Panels On Outside Of Bus Are To Be A Minimum Of 16 Gauge Smooth Steel 		
<ul style="list-style-type: none"> • Four (4) Full Length Exterior Rub Rails, Painted Black Flange To Flange- To Be Installed With Buck Type Rivets 		
<ul style="list-style-type: none"> • Top Of Rub Rails To Be Sealed With Caulk And Bottom To Have Drain Holes 		
<ul style="list-style-type: none"> • Body Bows Are To Be a Minimum Of 14 Gauge Steel And Of One Piece Design, Extending From Floor Line To Floor Line To Eliminated Damage To Bows If Lower Skirt Is Damaged 		
<ul style="list-style-type: none"> • Exterior Lower Skirt Panels To Be 16 Gauge Steel And Extend From Floor Line To Bottom Rub Rail For Ease Of Replacement If Damaged 		
<ul style="list-style-type: none"> • Roof Bows To Be Threaded Through Roof Strainers And Drip Rails For Strong Body Integrity 		
<ul style="list-style-type: none"> • One Piece Roof Panels From Window To Window 		
<ul style="list-style-type: none"> • Aluminized Steel Inner Side Walls 		

	Meets Spec Yes/No	Exception / Description
BODY CONSTRUCTION CONT.		
<ul style="list-style-type: none"> Interior Header Panels, Front And Rear, To Be Removable To Allow Access To The Roof Cap Area 		
<ul style="list-style-type: none"> Full Length Rain Gutter 		
<ul style="list-style-type: none"> All Ceiling Panels To Be Perforated Type With Acoustic Lining In All Sections 		
<ul style="list-style-type: none"> Ceiling Panels To Be Installed With Rivets Screws Not Acceptable 		
<ul style="list-style-type: none"> Complete Insulation, Including Corners, Headers, Ceiling And Roof Bows, Minimum 1 ½ "Thickness, Fiberglass Type 		
3. REAR BUMPER		
<ul style="list-style-type: none"> To Be Die Formed 3/16" Steel, Minimum 12" Face With 12" Wrap Around 		
<ul style="list-style-type: none"> 12" Rear Bumper To Have 6" Exhaust Pipe Exit Access Hole 		
4. DOORS		
<ul style="list-style-type: none"> Entrance Door To Be Outward Opening, And Electronically Operated No Manual Doors Accepted 		
<ul style="list-style-type: none"> Entrance Door To Have An Aluminum Frame With Pin Style Hinges 		
<ul style="list-style-type: none"> Entrance Door Glass to be 1 Piece Glass in Each Door for Greater Driver Visibility 		
<ul style="list-style-type: none"> Entrance Door To Have Exterior Non-Corrosive Handle Mounted To Front Door Panel To Open And Close Entrance Door 		
<ul style="list-style-type: none"> Back Lit Entrance Door Open/Close Switch To Be Located On Drivers Steering Wheel 		
<ul style="list-style-type: none"> Duplicate Door Switch To Be Located In Switch Panel 		
<ul style="list-style-type: none"> Entrance Door Will Not Open Until Bus Has Come To A Complete Stop, Reducing The Potential For Accidental Opening 		
<ul style="list-style-type: none"> Exterior Key To Open and Close Entrance Door All keys for fleet to be keyed alike 		
<ul style="list-style-type: none"> 3 Step Stepwell With A Minimum 32" Opening For All Steps 		
<ul style="list-style-type: none"> **Specify Clear Width _____ 		
<ul style="list-style-type: none"> Entrance Step Risers To Be 9" and Equal In Height 		
<ul style="list-style-type: none"> Rear Lift Door 43" X 70" 		
<ul style="list-style-type: none"> Lift Door to have Slide Bolt Lock with Ignition Interlock 		

	Meets Spec Yes/No	Exception / Description
DOORS CONTINUED		
<ul style="list-style-type: none"> Stepwell to have Stamped Pebble Steps, (No vinyl covering). Stepwell to be coated in a Solid Rust Preventing material such as Line-X or Naviflex Material 		
<ul style="list-style-type: none"> Stepwell To Be Insulated 		
<ul style="list-style-type: none"> Rear Center Emergency Door Must Conform To FMVSS217 For Emergency Exits 		
<ul style="list-style-type: none"> 1" Stainless Steel Grab Rail Aft Of Entrance Door 		
<ul style="list-style-type: none"> 1" Stainless Steel Grab Rail Forward Of Entrance Door 		
<ul style="list-style-type: none"> Rear Emergency Door To Have Lower Glass 		
<ul style="list-style-type: none"> Rear Emergency Door To Have Internal Hinges With Zirc Fittings Piano Style Hinges Will Not Be Accepted 		
<ul style="list-style-type: none"> Vandal Locks On Front And Rear Doors 		
<ul style="list-style-type: none"> Rear Vandal Lock To Have Buzzer And Ignition Interlock To Prevent Bus From Starting When Door Is Locked 		
<ul style="list-style-type: none"> Locking Exterior Electrical Panel 		
5. WINDOWS AND WINDSHIELD		
<ul style="list-style-type: none"> 3 Piece Glass Windshield With <u>No</u> Center Post To Obstruct Drivers View. 		
<ul style="list-style-type: none"> Windshield To Be Solex Tinted With Heavy Tint Border At Top Of Glass 		
<ul style="list-style-type: none"> Windshield Wipers To Be Heavy Duty With Bottom Mounted Control Arms 		
<ul style="list-style-type: none"> Wipers To Have Overlapping Wet Arm Design 		
<ul style="list-style-type: none"> Wipers To Have 5 Intermittent Speeds 		
<ul style="list-style-type: none"> Wiper Control To Be Located On Turn Signal Stalk 		
<ul style="list-style-type: none"> Headlamps and Taillights To Operate Automatically When Wipers Are Engaged 		
<ul style="list-style-type: none"> 12" Laminated Tinted Aluminum Sash Windows 		
<ul style="list-style-type: none"> Laminated Tinted Glass In Rear Emergency Door and Rear Windows 		
<ul style="list-style-type: none"> Drivers Window to be Storm Glass 		
<ul style="list-style-type: none"> Window Latch To Be Replaceable Without Removing Window 		
6. EMERGENCY EXITS		
<ul style="list-style-type: none"> Four (4) Push Out Emergency Exit Windows 		
<ul style="list-style-type: none"> Two (2) Specialty Hybrid Advantage Hatches With Alarm Mounted In The Roof Of Bus 		

	Meets Spec Yes/No	Exception / Description
7. SAFETY EQUIPMENT		
<ul style="list-style-type: none"> • 5 Lb Fire Extinguisher Mounted On The Floor In The Drivers Area 		
<ul style="list-style-type: none"> • Triangle Reflector Kit To Be Secured Off The Floor Behind Driver Seat To Prevent Damage 		
<ul style="list-style-type: none"> • 10 Unit First Aid Kit Mounted To The Front Header 		
<ul style="list-style-type: none"> • Body Fluid Clean Up Kit Mounted to Front Bulkhead 		
<ul style="list-style-type: none"> • 107 Back Up Alarm Activated By Reverse Gear 		
<ul style="list-style-type: none"> • Post Trip Monitor-“No Student Left Behind” System Accessory Controlled, With Alarm Disable At Rear Of The Bus By Lifting The Rear Door Handle 		
<ul style="list-style-type: none"> • Red Colored “Noise Suppression Switch” To Be Dash Mounted. Switch To Be Labeled “Noise” Or “No Noise”. Single Switch To Control All Heater Motors, Defroster Fans, And Radio So That The Driver Can Hear At Intersections And Railroad Crossings 		
8. SEATS AND UPHOLSTERY		
<ul style="list-style-type: none"> • Driver Seat To Be A National 2000 Heated Air Ride With Cloth Inserts And Side Arm Rest On Both Sides 		
<ul style="list-style-type: none"> • Shoulder Harness With Adjustable Height Wall Mounted Retractor For Drivers Seat 		
<ul style="list-style-type: none"> • Driver’s Seat Belt To Be Blaze Orange, For Easy Recognition of Driver Usage 		
<ul style="list-style-type: none"> • Overall Seating Capacity Will Be 51 with all wheel chair potions covered 		
<ul style="list-style-type: none"> • (4) 39” High Back Seats to be Permanently Mounted in first 4 rows on Passenger side 		
<ul style="list-style-type: none"> • (4) 39” High Back Seats to be Permanently Mounted in first 4 rows on Drivers side 		
<ul style="list-style-type: none"> • (6) 39” High Back Track Seats Mounted at rear of bus of Drivers side in floor track 		
<ul style="list-style-type: none"> • (3) 39” High Back Track Seats Mounted at rear of bus of Passenger side in floor track 		
<ul style="list-style-type: none"> • (5) Sets of Q’Straint Deluxe Retractable Track Wheelchair Tie Downs to be included 		
<ul style="list-style-type: none"> • Storage Bags for each tie down to be installed on the bus wall 		
<ul style="list-style-type: none"> • All Seats Upholstered With Heavy Duty Prevail or Kevlar Fire Block Vinyl, Gray In Color 		
<ul style="list-style-type: none"> • 2 Year Warranty on Seat Vinyl 		
<ul style="list-style-type: none"> • 4 Year Warranty On Seat Foam 		

	Meets Spec Yes/No	Exception / Description
<ul style="list-style-type: none"> All Passenger Seats Must Have An Interchangeable Seat Back Module That Allows For Future Upgrades. Upgrades Include 3 Point Lap/Shoulder Belt For Up To 3 Passengers Per Seat; Integrated Child Seat (ICS) With A 5 Point Harness And Sliding Shoulder Height Adjusters To Accommodate Significantly Taller Children. All Upgrades To Be Accomplished Without Replacing Or Removing The Seat Base Frame From The Floor. Example Would Be IMMI Safeguard Exchange Seats NO EXCEPTIONS Bids Not Meeting The Seat Requirements Will Be Thrown Out For Non-Compliance 		
<ul style="list-style-type: none"> Gray Shoulder Pads On Each Side Of The Bus 		
<ul style="list-style-type: none"> 5" Fire Block Upholstered Header Pad Above Emergency Door and Entrance Door in Gray 		
<ul style="list-style-type: none"> Padded 39" Wide, Right And Left Barriers At Entrance 		
<ul style="list-style-type: none"> Modesty Panel Between Floor And Bottom Of Barrier On Right and Left Sides 		
<ul style="list-style-type: none"> Extra Large Driver Storage Bin, Sized to Hold Three Ring Binder 		
<ul style="list-style-type: none"> USB-A and USB-C Charging Points Located Inside of Driver Storage Compartment 		
<p>9. FLOOR AND COVERING</p>		
<ul style="list-style-type: none"> Gray Koroseal In Driver's Area And Under Seats 		
<ul style="list-style-type: none"> Aluminum Aisle trim 		
<ul style="list-style-type: none"> Flat Floor Design 		
<ul style="list-style-type: none"> Stepwell to have Stamped Pebble Steps, (No vinyl covering). Stepwell to be coated in a Solid slip Resistant, Rust Preventing material such as Line-X or Naviflex Material 		
<ul style="list-style-type: none"> White Safety Edge For All Entrance Steps 		
<ul style="list-style-type: none"> 5/8" Exterior Grade Plywood Sub-Floor, Screwed Down NO NAILS 		
<ul style="list-style-type: none"> Fuel Gauge Sender Access Plate 		

	Meets Spec Yes/No	Exception / Description
10. HEATERS AND DEFROSTERS AIR CONDITIONING		
• Two Defroster Fans One Right One Left		
• 90,000 BTU Drivers Heater		
• 50,000 BTU Right Front Heater		
• 84,500 BTU Rear Under Seat Heater		
• Washable Air Filter To Be Furnished For All		
• Auxiliary Water Booster Pump Mounted Under The Hood		
• Driver Air Conditioning and (4) Dash Vents		
• 120,000 BTU Front and Rear Body Air Conditioning Bulk head mounted		
• All Heater Hoses To Have Constant Torque Hose Clamps		
• Two (2) Quarter Turn Brass Heater Cut-Off Valves, With Butterfly Type Handle Under The Hood.		
• One (1) Quarter Turn Brass Heater Cut-Off Valves in Drivers Area For Service		
• Driver Switch Panel To Have Switches To Control For The Heat Temperature, Air Flow Direction, And Fresh Air And/Or Recirculated Air		
• Defroster Channel To Be Full Width From Side To Side And Include Outlet Under Driver's Window		
11. LIGHTS AND ELECTRICAL		
• Staggered L.E.D. Dome Lights Mounted Over Window Sections		
• Dome Lights To Have Front And Rear Separate Controls		
• L.E.D. Drivers Dome Light With Separate Control		
• Stepwell Light Wired For Automatic Operation With Entrance Door Control		
• Two (2) 7" Combination Brake And Tail Lights		
• Two (2) 7" Clear Back Up Lights		
• Two (2) 4" Additional Combination Brake And Tail Lights		
• Amber Front Fender Mounted Turn Signals		
• 7" Amber Rear Mounted Turn Signals,		
• Recessed Mounted Clearance and Marker Lights In Front And Rear Headers To Be L.E.D.		
• 8 Way Flasher Light System With Black Back Ground Lights To Be		
• 3" Red L.E.D over rear emergency door		
• 8 Way Light System To Be Wired Directly To The Chassis Multi-Plex System		
• Pre-Check Switch Enabling One Person To Complete A Check Of All Exterior Lights		
• Low Profile L.E.D. Strobe Light		
• L.E.D. Turn Indicators Mounted On Each Side Of The Body		
• Doran Exterior Light Monitor on front bulk head		

	Meets Spec Yes/No	Exception / Description
LIGHTS AND ELECTRICAL CONTINUED		
<ul style="list-style-type: none"> • L.E.D. Marker And Cluster Lights As Per Federal And State Requirements 		
<ul style="list-style-type: none"> • 12 Volt Outlet In Drivers Area 		
<ul style="list-style-type: none"> • Magnetic Body Solenoid Cut Off 		
<ul style="list-style-type: none"> • AIR Operated Front Composite Automatic Reflective Stop Arm Strobing L.E.D. Lights To Operate From Opening Of Entrance Door 		
<ul style="list-style-type: none"> • Air Operated Rear Composite Automatic Reflective Stop Arm Strobing L.E.D Lights To Operate From Opening Of Entrance Door 		
<ul style="list-style-type: none"> • 8 way light to have hoods 		
<ul style="list-style-type: none"> • Crossing Gate Interrupt Switch 		
<ul style="list-style-type: none"> • AM/FM/USB/PA With 4 Speakers 		
<ul style="list-style-type: none"> • Exterior Speaker mounted under stepwell 		
<ul style="list-style-type: none"> • Lift Platform to have 2 spot light 		
<ul style="list-style-type: none"> • Bus To Be Pre-Wired For Two Way Radio with fuse block in electrical panel 		
<ul style="list-style-type: none"> • Bus To Be Pre-Wired For Camera System with fuse block in electrical panel 		
<ul style="list-style-type: none"> • Exterior Body Electrical Access Panel Mounted Below The Drivers Window With Wiring Schematic Attached To Locking Door 		
<ul style="list-style-type: none"> • Instrument Panel and Chassis Fuse Block Located Inside Bus with Spill Resistant Cover 		
<ul style="list-style-type: none"> • Electrical Circuits Protected By Manual Re-Set Circuit Breakers For Body And Chassis 		
<ul style="list-style-type: none"> • Headlight Buzzer To Warn Driver If Headlights Are Left On 		
<ul style="list-style-type: none"> • Weather Proof Battery Cut Off Switch Located In The Battery Box 		
12. MIRRORS		
<ul style="list-style-type: none"> • 6 X 30 Interior Mirror With Padded Edges 		
<ul style="list-style-type: none"> • 6 X 30 Left Side Sun Visor, Plastic Type With Two Brackets 		
<ul style="list-style-type: none"> • 6 X 27 Left Side Sun Visor, Plastic Type over Drivers Window 		
<ul style="list-style-type: none"> • Heated and Power Remote Mirrorlite Super Nickel Exterior Rear View Mirrors 		
<ul style="list-style-type: none"> • Left Side Mirror To Be Suspended Mount Such That It Is Visible Through The Drivers Side Window And Allows Clear Vision Below To Pedestrian Area 		
<ul style="list-style-type: none"> • Heated Rosco Mini Hawkeye. Cross View Mirrors 		
<ul style="list-style-type: none"> • Cross View Mirrors to have Rosco ASY6029 19" to 30" Additional Adjustable Arm Brace Installed 		

	Meets Spec Yes/No	Exception / Description
13. PAINT, LETTERING AND REFLECTORS		
<ul style="list-style-type: none"> Exterior Painted National School Bus Yellow And Black Trim 		
<ul style="list-style-type: none"> Roof to Be Painted White beginning 5" above window line with round coners 		
<ul style="list-style-type: none"> 3M "Fluorescent" Diamond Grade Highly Reflective Tape Around The Perimeter Of All Kick Out Windows And Roof Hatches 		
<ul style="list-style-type: none"> 3M "Fluorescent" Diamond Grade Highly Reflective Tape Around The Perimeter Of The Rear Emergency Door 		
<ul style="list-style-type: none"> 3M "Fluorescent" Diamond Grade Highly Reflective Tape Around The Perimeter Of The Rear End 		
<ul style="list-style-type: none"> 3M "Fluorescent" Diamond Grade Highly Reflective Tape, 2" Stripe Down Each Side 		
<ul style="list-style-type: none"> 3M "Fluorescent" Diamond Grade Highly Reflective Tape For The "School Bus" Signs Front And Rear 		
<ul style="list-style-type: none"> All Amber And Red Reflectors On The Front, Side And Rear To Be 3M "Florescent" Highly Reflective Tape Screw On Reflectors NOT ACCEPTABLE 		
<ul style="list-style-type: none"> Use Of Lower Grade 3M Tape Products Will Not Be Accepted 		
14. MISCELLANEOUS REQUIREMENTS		
<ul style="list-style-type: none"> Original Illinois Inspection Sticker On Unit At Time Of Delivery 		
<ul style="list-style-type: none"> Front Mud Flaps 		
<ul style="list-style-type: none"> Rear Mud Flaps With Anti-Sail/Splash Design 		
<ul style="list-style-type: none"> Rubber Rear Fender Extensions 		
<ul style="list-style-type: none"> Bus Governed To Reach 75 Miles Per Hour 		
<ul style="list-style-type: none"> Complete Body Undercoating BEFORE and AFTER Installation Onto The Chassis, INCLUDING Step Well 		
<ul style="list-style-type: none"> Clear Certificate Holder 		
<ul style="list-style-type: none"> All Ignitions Keyed Alike 		
<ul style="list-style-type: none"> All Entrance Doors keyed Alike 		
<ul style="list-style-type: none"> 3 Year Extended Full Body and Chassis Warranty (excludes regular maintenance items) 		
<ul style="list-style-type: none"> All Customer Required Lettering. Both sides to read "ROUND LAKE AREA SCHOOLS DISTRICT 116" 		
<ul style="list-style-type: none"> Erratic Driving Decal With Phone Number, 847-270-9019 		
<ul style="list-style-type: none"> License And Title To Be Included In Bid Price 		
<ul style="list-style-type: none"> Locking Fuel Door 		
<ul style="list-style-type: none"> Locking Battery Box 		
<ul style="list-style-type: none"> Locking DEF Door 		

MISCELLANEOUS REQUIREMENTS CONTINUED	Meets Spec Yes/No	Exception / Description
<ul style="list-style-type: none"> • ALL Exterior Locks to be keyed alike to Key Code #545 		
<ul style="list-style-type: none"> • Drivers Side Barrier to have Storage Pouches 		
<ul style="list-style-type: none"> • Storage Compartment Over Drivers window 		
<ul style="list-style-type: none"> • Bruan Millennium series lift mounted at rear of bus on passenger side 		
<ul style="list-style-type: none"> • Dealer to remove 2 way radios from the current fleet and reinstall into new buses at the Districts garage. Dealer to install New Antenna and cable on the new buses 		
<ul style="list-style-type: none"> • STAINLESS STEEL SCREWS FOR ALL EXTERIOR LIGHT Covers 		
<ul style="list-style-type: none"> • USB-A and USB-C Charging Points to be Mounted on the Dash of Bus and In the Drivers Storage Compartment 		
<ul style="list-style-type: none"> • 3 year Extended Body and Chassis Warranty <i>Please Include a copy of coverage</i> 		
<ul style="list-style-type: none"> • 3 year Extended Towing Coverage, To cover towing up to \$275 for Warrantable failures of Body, Chassis, Engine or Transmission <i>Engine Only towing warranty not acceptable</i> 		
<ul style="list-style-type: none"> • Factory Installed Telematics System with 5 Years of Service INCLUDED with 24/7 Access and Visibility to Real -Time Diagnostics and Predictive Maintenance Tools. Also Provides Visibility to Current Vehicle Location and Route History Along with monitoring Driver Performance Including Harsh Braking, hard Acceleration and Idel Time Reporting 		
<ul style="list-style-type: none"> • Electronic Service Communication System with Dealer Providing Up-to Date VIN Based Information and Repair Status as Vehicle Moves Through the Repair Process 		
<ul style="list-style-type: none"> • Please Include a copy of the Floor plan for Review 		
<ul style="list-style-type: none"> • FOB Round Lake School District 		