



Vendor: Northwest Bus Sales

Mfr.: Endera

State Price Quote Specification

TYPE A—ELECTRIC

Use this document to bid both non-lift and lift buses.

ITEM	STATE-SUPPORTED SPECIFICATIONS Vendor must meet or exceed these specifications. Item bid shall be specified in column to right.	VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the state cost.
Seating Capacity	Maximum passenger capacity based upon an average center-to-center seat spacing of at least 27.5" with a lap-shoulder belt for each seating position.	Capacity w/o lift <u>24</u>
		Capacity w/lift <u>18+1</u>
Axle—Front	Manufacturer's recommendation.	Mfr. <u>Ford</u>
		Capacity <u>5000</u>
Axle—Rear	Manufacturer's recommendation.	Mfr. <u>Ford</u>
		Capacity <u>9600</u>
Axle Ratio	Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications Manual.	Mfr. <u>Ford</u>
		Capacity <u>5.32:1-2.0:1</u>
Back-up Lights	All required backup lights to be LED (Light Emitting Diode). Refer to Washington State School Bus Specification's Manual.	Round: ☒ Diameter <u>4"</u> Other: ☐ Square inches _____
Battery(ies) Low Voltage	535 CCA 12-volt minimum w/o lift. 1070 CCA 12-volt minimum w/lift.	Number of batteries <u>2</u>
		CCA <u>1500</u>
Battery(ies) Propulsion	Battery propulsion must meet a minimum of 80 kWh.	Number of batteries <u>3</u>
		kWh <u>90kwh</u>

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Brakes	Hydraulic: Drum or Disc. Refer to Washington State School Bus Specifications Manual.	Disc Front ☒ Rear ☒ Drum Front ☐ Rear ☐ Size Front <u>Mfg. Std.</u> Rear <u>Mfg. Std.</u>
Doors, Service	Power operated.	☐ Air ☐ Folding ☒ Electric ☒ Split, Outward Opening ☐ Other _____
Heaters	Front—manufacturer's standard. Rear—40,000 B.T.U. minimum.	Front B.T.U. <u>15,000</u> Rear B.T.U. <u>65,000</u> Total B.T.U. <u>80,000</u>
Lights	LED (Light Emitting Diode). Includes Clearance Lights, Stop Lights—7", Taillights, Turn Signals, Eight-Light System, and Dome-Light System.	Check if as specified ☒ If not, explain. _____
Motor	160 H.P. minimum.	Engine Mfr. <u>Cascadia</u> Model <u>iM-225</u> Net torque <u>790</u> @ Cont. _____ R.P.M. Net H.P. <u>241</u> @ Cont. _____ R.P.M.
P.A. System	AM/FM/PA radio with 2 interior and 1 exterior speakers.	Mfr. <u>OEM - Separate PA Module</u> Model No. <u>REI</u>
Seat Spacing	To permit specified passenger capacity based on an average center-to-center seat spacing of at least 27.5".	Inside measurement from rear of stepwell to appropriate point at rear of passenger seating area: w/o lift <u>161"</u> w/lift <u>176"</u> Mfg.'s C/C seat measurement of vehicle (inches): w/o lift <u>32"</u> w/lift <u>32"</u>

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Steering Wheel	Tilt.	Check if as specified ☒
Step Tread	Studded or pebbled top tread covering.	Mfr. <u>ProFusion</u>
Tires	6 first quality, radial ply.	Mfr. <u>OEM</u>
		Size <u>LT225/75R16</u>
		Load range <u>E</u>
Toolbox	Exterior, manufacturer standard.	Size (cubic feet) <u>1.65</u>
Two-way Communications	45-watt, VHF, mil. spec.	Mfr. <u>Motorola</u>
		Model No. <u>CM200D</u>
Wheels	6 to be compatible with tire size.	Size <u>16"</u>
		Rim width <u>6.5"</u>
SPECIAL NEEDS REQUIREMENTS—CHASSIS AND BODY		
Wheelchair Lift—Installed	Must meet state specification. Platform shall be a minimum of 32" x 52".	Mfr. <u>Braun</u>
		Model No. <u>NCL919IB</u>
Wheelchair/Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>Q'Straint</u>
		Model No. <u>QRT-360 Slide N'Click</u>

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	ADDITIONAL REQUIREMENTS—CHASSIS AND BODY	
Line Setting Ticket	Legible copy of manufacturer's Line Setting Ticket will be delivered with each vendor's packet at the time of delivery.	Check if as specified ☒
Owner's/Operator's Handbook	One copy of the chassis manufacturer's owner's/operator's handbook or manual will be furnished with each bus at delivery.	Check if as specified ☒
Repair Manuals	A complete set of chassis, engine, transmission, and body repair manuals, including wiring diagram for all components, will be made available at time of delivery, with instructions available on accessing repair materials.	Check if as specified ☒
Service and Cleaning	Cleaning and service by vendor prior to delivery will include: • Chassis lubrication. • Check fluid levels: verify all are at recommended full levels. • Cooling system protected at -20°F. • Interior and exterior will be clean (including glass). • All systems (electric, air, hydraulic, mechanical, and manual) be inspected to ensure proper operation at time of delivery. • All components and accessories will be installed and operational at time of delivery.	Check if as specified ☒
Warranty	A complete copy of all warranty agreements will be furnished at time of delivery.	Check if as specified ☒



Washington Office of Superintendent of
PUBLIC INSTRUCTION
2024-2025

STUDENT TRANSPORTATION
Old Capitol Building
PO BOX 47200
Olympia, WA 98504-7200
(360) 725-6120 TTY (360) 664-3631

VEHICLE DATA SHEET AND OFFICIAL PRICE QUOTATION TYPE A—ELECTRIC

VENDOR'S COMPANY NAME Northwest Bus Sales, Inc.		REPRESENTATIVE'S NAME Rob Goolsby	TELEPHONE NUMBER 253-841-9997
ADDRESS 33207 Pacific Hwy. S. Federal Way, WA 98003		Estimated delivery date to school district from time purchase order is received: <u>180 days</u> <u>ARO</u>	
		Firm where engine and chassis can be serviced or repaired, and parts obtained: <u>Northwest</u> <u>Bus Sales</u>	
		Firm where body can be serviced or repaired, and parts obtained: <u>Northwest Bus Sales</u>	

BODY

MAKE Endera	Warranty: Years <u>5</u> Miles <u>60k</u>	Inside measurement from rear of stepwell to appropriate point at rear of passenger seating area: w/o lift <u>161"</u> w/lift <u>176"</u>	Equipped seating capacity: w/o lift <u>24</u> w/lift <u>18+1</u>
MODEL O-Series	YEAR 2024	Seat color: <u>Gray</u> Floor color: <u>Black</u>	Overall vehicle length (inches): w/o lift <u>262"</u> w/lift <u>277"</u>

CHASSIS

MAKE Ford	Warranty: Years <u>3</u> Miles <u>36k</u>
MODEL E450	YEAR 2024
Wheelbase: <u>158"</u>	

MOTOR

MANUFACTURER Cascadia	Torque: <u>790</u> @ <u>Cont.</u> RPM H.P.: <u>241</u> @ <u>Cont.</u> RPM
MODEL iM225	YEAR 2024
Fuel type: <u>EV</u>	

BATTERIES

12 Volt	Propulsion
Battery type/grp: <u>12V</u> <u>Lead Acid</u>	Number batteries: <u>3</u>
Number batteries: <u>2</u>	Total KWH: <u>90kwh</u>
Total CCA: <u>1500</u>	

Warranty: Years <u>5</u> Miles <u>60k</u>
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QUOTED PRICE

Quoted price is based upon payment within 30 days after delivery to the school district (without sales tax).	
Electric Bid—w/o lift \$ <u>318,282</u>	Electric Bid—w/lift \$ <u>322,695</u>
VENDOR REPRESENTATIVE'S SIGNATURE <u>Rob Goolsby</u>	DATE <u>08/02/2024</u>

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DISTRICT-SUPPORTED OPTIONS
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PART II

Vendor: Northwest Bus Sales

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ITEM	CHASSIS	VENDOR SPECIFICALLY IDENTIFY ITEM BID Price of items bid will establish the district cost.	
Small A	Type A bus—10,000 lbs. or under GVWR chassis.	Deduct <u>Not Available</u>	
		Mfr. _____	
		Capacity w/o lift _____	
		Dual Wheel _____	
		Single Wheel _____	
Air Conditioning	To cool passenger compartment as required in the Washington State School Bus Specifications manual.	Mfr. <u>TransAir</u>	
		Cost \$ <u>8,900</u>	
Back-up Alarm	Must meet state specification.	Mfr. <u>Standard</u>	
		Cost \$ _____	
Color	Exterior white roof.	Cost \$ <u>Standard</u>	
Steering Wheel	Tilt and telescoping column.	Cost \$ <u>Tilt Standard, telescoping not available</u>	
Strobe Light	Exterior roof mounted white strobe light.	Mfr. <u>Sound Off Signal or Equivalent</u>	
		Model No. <u>3107LCC or Equivalent</u>	
		Cost \$ <u>325</u>	
Student Protection System—Installed	Electronic system to insure driver post-trip inspection of passenger compartment.	Mfr. <u>Child Checkmate</u>	
		Model No. <u>EP1</u>	
		Cost \$ <u>0</u>	
Toolbox	Interior, manufacturer standard.	Cost \$ <u>390</u>	Deduct \$ _____

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Video Camera Systems—Installed	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Mfr. <u>AngelTrax</u> Model No. <u>Vulcan</u> Cost \$ <u>3,990</u> How many cameras <u>3</u>	
Video Camera Systems—Stop Sign Camera—Installed	Must meet state specification.	Stand Alone System Mfr. <u>AngelTrax</u> Model No. <u>Vulcan</u> Cost \$ <u>3,990</u> How many cameras <u>3</u>	Added to Interior System Mfr. <u>AngelTrax</u> Model No. <u>Vulcan</u> Cost \$ <u>675</u> How many cameras <u>4</u>
Warning Light Monitor	16 light monitoring system.	Incandescent Cost \$ <u>N/A</u>	LED Lights Cost \$ <u>1,490</u>
Additional Wheelchair/Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>Q'Straint</u> Model No. <u>QRT-360 SC</u> Cost per station \$ <u>1,450</u>	
Windows	Laminated passenger-compartment side or rear glass.	Side Cost \$ <u>1400</u> Rear Cost \$ <u>985</u> Both Cost \$ <u>2,385</u>	
Windows	Tinted.	Cost \$ <u>Standard</u>	