



**State Price Quote Specification**  
**TYPE A—ELECTRIC**  
Use this document to bid both non-lift and lift buses.

**PART I**

Vendor: Northwest Bus Sales

Mfr.: Endera

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.
<b>Seating Capacity</b>	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>
<b>Axle—Front</b>	Manufacturer's recommendation.	Mfr. <u>Ford</u> Capacity <u>5,000#</u>
<b>Axle—Rear</b>	Manufacturer's recommendation.	Mfr. <u>Ford</u> Capacity <u>9,600#</u>
<b>Axle Ratio</b>	Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications Manual.	Mfr. <u>Ford</u> Capacity <u>4.56:1</u>
<b>Back-up Lights</b>	All required backup lights to be LED (Light Emitting Diode). Refer to Washington State School Bus Specification's Manual.	Round: <input checked="" type="checkbox"/> Diameter <u>4.6"</u> Other: <input type="checkbox"/> Square inches _____
<b>Battery(ies) Low Voltage</b>	535 CCA 12 volt minimum w/o lift. 1070 CCA 12 volt minimum w/lift.	Number of batteries <u>2</u> CCA <u>1400</u>
<b>Battery(ies) Propulsion</b>	Battery propulsion must meet a minimum of 80 kWh.	Number of batteries <u>4</u> kWh <u>151</u>

		<b>PART I (cont.)</b>
<b>State Price Quote Specification</b> <b>TYPE A— ELECTRIC</b> Use this document to bid both non-lift and lift buses.		Vendor: <u>Northwest Bus Sales</u>
		Mfr.: <u>Endera</u>

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<b>Brakes</b>	Hydraulic: Drum or Disc. Refer to Washington State School Bus Specifications Manual.	Disc Front <input checked="" type="checkbox"/> Rear <input checked="" type="checkbox"/> Drum Front <input type="checkbox"/> Rear <input type="checkbox"/> Size Front <u>13.58"</u> Rear <u>13.58"</u>
<b>Doors, Service</b>	Power operated.	<input type="checkbox"/> Air <input type="checkbox"/> Folding <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Split, Outward Opening <input type="checkbox"/> Other _____
<b>Heaters</b>	Front—manufacturer's standard. Rear—40,000 B.T.U. minimum.	Front B.T.U. <u>15,000</u> Rear B.T.U. <u>50,000</u> Total B.T.U. <u>65,000</u>
<b>Lights</b>	LED (Light Emitting Diode). Includes Clearance Lights, Stop Lights—7", Tail Lights, Turn Signals, Eight-Light System, and Dome-Light System.	Check if as specified <input checked="" type="checkbox"/> If not, explain _____
<b>Motor</b>	160 H.P. minimum.	Engine Mfr. <u>Cascadia</u> Model <u>IM225</u> Net torque <u>500Nm</u> @ <u>Cont</u> R.P.M. Net H.P. <u>306</u> @ <u>Cont</u> R.P.M.
<b>P.A. System</b>	AM/FM/PA radio with 2 interior and 1 exterior speakers.	Mfr. <u>Jensen</u> Model No. <u>JPA600</u>
<b>Seat Spacing</b>	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>158"</u> w/lift <u>188"</u> Mfg.'s C/C seat measurement of vehicle (inches): w/o lift <u>28"</u> w/lift <u>28"</u>

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

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<b>ADDITIONAL REQUIREMENTS—CHASSIS AND BODY</b>		
<b>Line Setting Ticket</b>	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 <input checked="" type="checkbox"/>
<b>Owner's/Operator's Handbook</b>	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 <input checked="" type="checkbox"/>
<b>Repair Manuals</b>	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 <input checked="" type="checkbox"/>
<b>Service and Cleaning</b>	Cleaning and service by vendor prior to delivery will include: <ul style="list-style-type: none"> <li>• Chassis lubrication.</li> <li>• Check fluid levels: verify all are at recommended full levels.</li> <li>• Cooling system protected at -20°F.</li> <li>• Interior and exterior will be clean (including glass).</li> <li>• All systems (electric, air, hydraulic, mechanical and manual) be inspected to ensure proper operation at time of delivery.</li> <li>• All components and accessories will be installed and operational at time of delivery.</li> </ul>	Check if as specified <input checked="" type="checkbox"/>
<b>Warranty</b>	A complete copy of all warranty agreements will be furnished at time of delivery.	Check if as specified <input checked="" type="checkbox"/>



Washington Office of Superintendent of  
**PUBLIC INSTRUCTION**  
2022-2023

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 206-445-8591
ADDRESS 33207 Pacific Hwy. S. Federal Way, WA 98003		Estimated delivery date to school district from time purchase order is received: <u>Estimated 300 days ARO</u>	
		Firm where engine and chassis can be serviced or repaired and parts obtained: <u>Northwest Bus Sales</u>	
		Firm where body can be serviced or repaired and parts obtained: <u>Northwest Bus Sales</u>	

**BODY**

MAKE <b>Endera</b>	Warranty: Years <u>5</u> Miles <u>100,000</u>	Inside measurement from rear of stepwell to appropriate point at rear of passenger seating area: w/o lift <u>158"</u> w/lift <u>188"</u>	Equipped seating capacity: w/o lift <u>24</u> w/lift <u>18+1</u>
MODEL <b>O-Series</b>	YEAR 2023	Seat color: <u>Gray</u> Floor color: <u>Black</u>	Overall vehicle length (inches): w/o lift <u>266"</u> w/lift <u>296"</u>

**CHASSIS**

**MOTOR**

MAKE <b>Ford</b>	Warranty: Years <u>3</u> Miles <u>36,000</u>	MANUFACTURER Cascadia	Torque: <u>500Nm</u> @ <u>Cont</u> RPM H.P.: <u>306</u> @ <u>Cont</u> RPM
MODEL <b>E 450</b>	YEAR 2023	Wheel base: <u>158"</u>	MODEL IM225
			FUEL TYPE 2023 Fuel type: <u>EV</u>

**BATTERIES**

<b>12 Volt</b>		Warranty: Years <u>5</u>	
Propulsion			
Battery type/grp: <u>12V 21</u>	Number batteries: <u>4</u>	Miles <u>60,000</u>	
Number batteries: <u>2</u>	Total KWH: <u>151</u>		
Total CCA: <u>1400</u>			

**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 \$ 272,106

Electric Bid—w/lift \$ 279,019

VENDOR REPRESENTATIVE'S SIGNATURE _____	DATE _____
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State Price Quote Specification  
**DISTRICT-SUPPORTED OPTIONS**  
**TYPE A**

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

Vendor: Northwest Bus Sales

Mfr.: Endera

<b>CHASSIS</b>		
ITEM	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 district cost.
<b>Small A</b>	Type A bus—10,000 lbs or under GVWR chassis.	Deduct <u>N/A</u> Mfr. _____ Capacity w/o lift _____ Dual Wheel _____ Single Wheel _____
<b>Air Conditioning</b>	To cool passenger compartment as required in the Washington State School Bus Specifications manual.	Mfr. <u>Trans Air</u> Cost \$ <u>9,250</u>
<b>Back-up Alarm</b>	Must meet state specification.	Mfr. <u>Standard</u> Cost \$ _____
<b>Color</b>	Exterior white roof.	Cost \$ <u>Standard</u>
<b>Steering Wheel</b>	Tilt and telescoping column.	Cost \$ <u>Tilt Standard, telescoping not available</u>
<b>Strobe Light</b>	Exterior roof mounted white strobe light.	Mfr. <u>Sound Off Signal or Equivalent</u> Model No. <u>3107LCC or Equivalent</u> Cost \$ <u>195</u>
<b>Student Protection System—Installed</b>	Electronic system to insure driver post-trip inspection of passenger compartment.	Mfr. <u>Child Checkmate</u> Model No. <u>EP1+</u> Cost \$ <u>125</u>
<b>Toolbox</b>	Interior, manufacturer standard.	Cost \$ <u>180</u> Deduct \$ _____

		<b>State Price Quote Specification</b> <b>DISTRICT-SUPPORTED OPTIONS</b> <b>TYPE A</b> Use this document to bid both non-lift and lift buses.	<b>PART II (cont.)</b> Vendor: <u>Northwest Bus Sales</u> Mfr.: <u>Endera</u>
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ITEM	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 district cost.	
<b>Video Camera Systems—Installed</b>	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Mfr. <u>Rosco</u> Model No. <u>DVXC-4</u> Cost \$ <u>1,995</u> How many cameras <u>3</u>	
<b>Video Camera Systems—Stop Sign Camera—Installed</b>	Must meet state specification.	<b>Stand Alone System</b> Mfr. <u>Seon</u> Model No. <u>DH4</u> Cost \$ <u>2700</u> How many cameras <u>1</u>	<b>Added to Interior System</b> Mfr. <u>Seon</u> Model No. <u>DH4</u> Cost \$ <u>3996</u> How many cameras <u>4</u>
<b>Warning Light Monitor</b>	16 light monitoring system.	<b>Incandescent</b> Cost \$ <u>560</u>	<b>LED Lights</b> Cost \$ <u>560</u>
<b>Additional Wheelchair/Occupant Tie-down System—Installed</b>	Must meet state specification.	Mfr. <u>Q'Straint</u> Model No. <u>QRT 360 Slide N' Click</u> Cost per station \$ <u>985</u>	
<b>Windows</b>	Laminated passenger-compartment side or rear glass.	Side Cost \$ <u>225</u> Rear Cost \$ <u>180</u> Both Cost \$ <u>405</u>	
<b>Windows</b>	Tinted.	Cost \$ <u>Standard</u>	