

Washington Office of Superintendent of PUBLIC INSTRUCTION 2022-2023

## State Price Quote Specification TYPE A—ELECTRIC

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

Vendor: Northwest Bus Sales

PART I

Mfr.: Pegasus/Zeus Electric

STATE-SUPPORTED SPECIFICATIONS VENDOR SPECIFICALLY IDENTIFY ITEM BID ITEM Vendor must meet or exceed these specifications. Price of items bid will establish the state cost. Item bid shall be specified in column to right. Maximum passenger capacity based upon an average center-to-Seating Capacity Capacity w/o lift 36 center seat spacing of at least 27.5" with a lap-shoulder belt for Capacity w/lift 24+1 each seating position. Axle—Front Manufacturer's recommendation. Mfr. Meritor Capacity 7500 Axle—Rear Manufacturer's recommendation. Mfr. Meritor Capacity 12000 Axle Ratio Must comply with power and gradeability formula. Refer to Mfr. Meritor Washington State School Bus Specifications Manual. Capacity 1:1 Direct Drive All required backup lights to be LED (Light Emitting Diode). Refer **Back-up Lights** Round:  $\boxtimes$ Diameter 4" to Washington State School Bus Specification's Manual. Other: Square inches 535 CCA 12 volt minimum w/o lift. Battery(ies) Number of batteries 2 Low Voltage 1070 CCA 12 volt minimum w/lift. CCA 1400 Battery(ies) Battery propulsion must meet a minimum of 80 kWh. Number of batteries 4 Propulsion kWh 170

	PART I (cont.)
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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.	
Brakes	Hydraulic: Drum or Disc. Refer to Washington State School Bus Specifications Manual.	Disc     Front     ⊠     Rear     ⊠       Drum     Front     □     Rear     □	
		Size Front <u>16"</u> Rear <u>16"</u>	
Doors, Service	Power operated.	<ul> <li>□ Air □ Folding ⊠ Electric</li> <li>⊠ Split, Outward Opening □ Other</li> </ul>	
Heaters	Front—manufacturer's standard. Rear—40,000 B.T.U. minimum.	Front B.T.U. <u>15000</u> Rear B.T.U. <u>60000</u> Total B.T.U. <u>75000</u>	
Lights	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 ⊠ If not, explain	
Motor	160 H.P. minimum.	Engine Mfr. <u>Parker</u> Model <u>PMAC Dual Liquid Cooled</u>	
		Net torque 2040         @ 0         R.P.M.           Net H.P. 290         @         R.P.M.	
P.A. System	AM/FM/PA radio with 2 interior and 1 exterior speakers.	Mfr. <u>REI</u> Model No. <u>VR3000 or Equivalent</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>218</u> w/lift <u>218</u>	
		Mfg.'s C/C seat measurement of vehicle (inches): w/o lift <u>32"</u> w/lift <u>32"</u>	

		PART I (cont.)
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Steering Wheel	Tilt.	Check if as specified 🛛
Step Tread	Studded or pebbled top tread covering.	Mfr. Profusion
Tires	6 first quality, radial ply.	Mfr. <u>Varies</u>
		Size 295 60R22.5
		Load range <u>G</u>
Toolbox	Exterior, manufacturer standard.	Size (cubic feet) <u>8</u>
Two-way	45-watt, VHF, mil. spec.	Mfr. <u>Kenwood</u>
Communications		Model No. <u>NX-1700 or Equivalent</u>
Wheels	6 to be compatible with tire size.	Size <u>22.5</u> "
		Rim width <u>8"</u>
	SPECIAL NEEDS REQUIREMENTS—CHASSIS AND E	BODY
Wheelchair	Must meet state specification. Platform shall be a minimum of	Mfr. <u>Braun</u>
Lift—Installed	32" x 52".	Model No. <u>NCL1000 IB3454-2</u>
Wheelchair/Occupa	Must meet state specification.	Mfr. <u>Q STRAINT</u>
nt Tie-down System—Installed		Model No. <u>Q8200A-SC-QRT</u>

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	ADDITIONAL REQUIREMENTS—CHASSIS AND BO	DY
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 $\square$
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 $\square$
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	<ul> <li>Cleaning and service by vendor prior to delivery will include:</li> <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 ⊠
Warranty	A complete copy of all warranty agreements will be furnished at time of delivery.	Check if as specified $\square$

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		
		IEET AND OFFICIAL PRICE TYPE A—ELECTRIC	QUOTATION
VENDOR'S COMPANY NAME Northwest Bus Sales, Inc. ADDRESS 33207 Pacific Hwy. S. Federal Way, WA 98003		300 days ARO Firm where engine and chassis can b Bus Sales	TELEPHONE NUMBER 206-445-8591 trict from time purchase order is received: <u>Estimated</u> be serviced or repaired and parts obtained: <u>Northwest</u> repaired and parts obtained: <u>Northwest Bus Sales</u>

		BODY	/	
MAKE		Warranty: Years 3	Inside measurement from rear of	Equipped seating capacity:
Pegasus		Miles 75000	stepwell to appropriate point at	w/o lift <u>36</u> w/lift <u>24+1</u>
MODEL	YEAR	Seat color: GRAY	rear of passenger seating area:	
Atlas	2023	Floor color: BLACK	w/o lift <u>182</u> w/lift <u>182</u>	Overall vehicle length (inches):
				w/o lift <u>328</u> w/lift <u>328</u>

	CHASSIS			MOTOR	
MAKE Zeus Electric Chassis	5	/ears <u>3</u> MANUFACTURE /liles <u>75000</u> PARKER		Torque: <u>2040</u> @ H.P.: <u>290</u> @	
	2023 Wheel base:	205 MODEL PMAC	YEAR 2023	Fuel type: <u>EV</u>	
=	BATTERIES	Warranty:	Years <u>5</u>		
12 Volt	Propulsion				
Battery type/grp: <u>12V</u>	Number batteries: <u>4</u>		Miles <u>60,000</u>		
Number batteries: <u>2</u>	Total KWH: <u>170</u>				
Total CCA: 1400					
		QUOTED PRICE			
Quoted price is based upon payme	ent within 30 days after delivery	to the school district (with	nout sales tax).		
Electric Bid—w/o lift <u>\$311,900</u>	Electric Bid—w	/lift <u>\$326,900</u>			
VENDOR REPRESENTATIVE'S SIGNATURE	2	DATE	8/2/2022		

FORM SPI 1394-2 (Rev. 7/22)

	PART II
State Price Quote Specification	Vendor: Northwest Bus Sales
DISTRICT-SUPPORTED OPTIONS	Mfa . Da ma ava /Zava Ela atria
ΤΥΡΕ Α	Mfr.: <u>Pegasus/Zeus Electric</u>
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	CHASSIS	
ITEM	Vendor must meet or exceed these specifications.	VENDOR SPECIFICALLY IDENTIFY ITEM BID
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Small A	Type A bus—10,000 lbs or under GVWR chassis.	Deduct <u>N/A</u>
		Mfr. <u>N/A</u>
		Capacity w/o lift
		Dual Wheel
		Single Wheel
Air Conditioning	To cool passenger compartment as required in the Washington	Mfr. <u>TRANS AIR</u>
	State School Bus Specifications manual.	Cost \$ <u>17500</u>
Back-up Alarm	Must meet state specification.	Mfr. <u>STD</u>
		Cost \$
Color	Exterior white roof.	Cost \$ STD
Steering Wheel	Tilt and telescoping column.	Cost \$ <u>N/A</u>
Strobe Light	Exterior roof mounted white strobe light.	Mfr. <u>SAFE FLEET</u>
		Model No. <u>4" LED</u>
		Cost \$ <u>175</u>
Student Protection	Electronic system to insure driver post-trip inspection of	Mfr. PEGASUS
System—Installed	passenger compartment.	Model No. STD
		Cost \$
Toolbox	Interior, manufacturer standard.	Cost \$ 400 Deduct \$

	PART II (cont.)
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ΤΥΡΕ Α	
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Video Camera	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Mfr. <u>Rosco</u>	
Systems—Installed		Model No. DVXC4	
		Cost \$ <u>2195</u>	How many cameras <u>3</u>
Video Camera	Must meet state specification.	Stand Alone System	Added to Interior System
Systems—Stop Sign Camera—Installed		Mfr. <u>Seon</u>	Mfr. <u>Seon</u>
		Model No. DH4	Model No. <u>DH4</u>
		Cost \$ <u>2700</u>	Cost \$ <u>3996</u>
		How many cameras <u>1</u>	How many cameras <u>3</u>
Warning Light Monitor	16 light monitoring system.	Incandescent	LED Lights
		Cost \$ <u>400</u>	Cost \$ <u>400</u>
Additional	Must meet state specification.	Mfr. <u>Q STRAINT</u>	
Wheelchair/Occupa		Model No. <u>Q8200A-SC-QRT</u>	
nt Tie-down System—Installed		Cost per station \$ 840	
Windows	Laminated passenger-compartment side or rear glass.	Side Cost \$ <u>1200</u>	
		Rear Cost \$ <u>180</u>	
		Both Cost \$ <u>1380</u>	
Windows	Tinted.	Cost \$ <u>STD</u>	