



State Price Quote Specification  
**TYPE C77—BID AS 71 PASSENGER,  
ELECTRIC**

Vendor: Model 1 Commercial  
Vehicles  
Manufacturer: BYD/RIDE

Use this document to bid both non-lift and lift buses for 61–77 capacity.

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	71 passenger based upon an average center-to-center seat spacing of at least 27.5".	Capacity w/o lift <u>72</u> Capacity w/lift <u>69</u> plus 1 wheelchair
Auxiliary Fans	2 fans, 6" maximum, mounted to right and left windshield and service door.	Mfr. <u>Maradyne</u>
Axle—Front	9,000 lb. minimum.	Mfr. <u>Dongfeng Dana Axle Co. LTD</u> Capacity <u>11167</u> lbs
Axle—Rear	19,000 lb. minimum.	Mfr. <u>BYD</u> Capacity <u>24250</u> lbs
Axle Oil Seals	Front and rear oil bath, or maintenance free sealed greased bearings.	Mfr. <u>Dongfeng Dana Axle Co( Front) BYD (Rear)</u>
Axle Ratio	Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications Manual.	Mfr. <u>BYD 2 speed gear box ratio 31 and 15)</u> Capacity <u>1:3.188</u>
Back-up Lights	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>5.5"</u> Other: <input type="checkbox"/> Square inches _____
Battery(ies) Low Voltage	1200 CCA 12 volt minimum to be mounted in body battery compartment w/o lift. 1400 CCA 12 volt minimum to be mounted in body battery compartment w/lift.	Number of batteries <u>2</u> CCA <u>1530</u>
Battery(ies) Propulsion	Battery propulsion must meet a minimum of 130 kWh.	Number of batteries <u>3</u> kWh <u>288</u>

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Battery Compartment	Battery storage tray must be large enough to accommodate batteries as specified in chassis section.	<input checked="" type="checkbox"/> Swing out	<input type="checkbox"/> Roll out
Brakes	Air: Drum or Disc. Refer to Washington State School Bus Specifications Manual.	Disc Front <input checked="" type="checkbox"/> Drum Front <input type="checkbox"/> Size Front <u>22.5</u>	Rear <input checked="" type="checkbox"/> Rear <input type="checkbox"/> Rear <u>22.5</u>
Door, Service	Power operated.	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Other	<input type="checkbox"/> Folding <input checked="" type="checkbox"/> Split, Outward opening <input type="checkbox"/> Other
Heaters	Minimum of 3 heaters; 1 front, 1 center, 1 rear. Shutoff valves at engine for all heaters. Two-speed motors.	Front B.T.U. <u>37,500</u> Center B.T.U. <u>41,000</u> Rear B.T.U. <u>41,000</u> Total B.T.U. <u>119,500</u>	
Hood	Tilt.	<input checked="" type="checkbox"/> Fiberglass	<input type="checkbox"/> Metal
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 <input checked="" type="checkbox"/> If not, explain. _____	
Motor	190 H.P. minimum.	Engine Mfr. <u>BYD</u> Model <u>TZ240XSB</u> Net torque <u>700Nm</u> @ <u>10000</u> R.P.M. Net H.P. <u>348HP/260kw</u> @ _____ R.P.M.	
P.A. System	AM/FM/PA radio with 2 interior and 1 exterior speakers.	Mfr. <u>REI</u> Model No. <u>ST-3000</u>	

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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>350"</u> w/lift <u>350"</u>  Mfg.'s C/C seat measurement of vehicle (inches): w/o lift <u>27.5"</u> w/lift <u>27.5"</u>
Steering Wheel	Tilt and telescoping column.	Check if as specified <input checked="" type="checkbox"/>
Step Tread	Studded or pebbled top tread covering.	Mfr. <u>Beijing Xianhe Transportation Technology Co.</u>
Tires	6 first quality, radial ply. No low profile tires.	Mfr. <u>Goodyear</u> Size <u>11R22.5</u> Load range <u>H</u>
Toolbox	Exterior, manufacturer standard.	Size (cubic feet) <u>2.8</u>
Two-way Communications	45-watt, VHF, mil. spec.	Mfr. <u>REI</u> Model No. <u>750322</u>
Wheels	6 to be compatible with tire size.	Size <u>22.5"</u> Rim width <u>8.25"</u>
Wheelchair Lift—Installed	Must meet state specification. Platform shall be a minimum of 32" x 52".	Mfr. <u>Braun</u> Model No. <u>NCL917FIB</u>
Wheelchair/ Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>AMF Bruns of America</u> Model No. <u>K530242-3241HL</u>

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<b>ADDITIONAL REQUIREMENTS—CHASSIS AND BODY</b>		
Line Setting Ticket	Legible copy of manufacturer's Line Setting Ticket will be delivered with each vendor's packet at the time of delivery of the bus.	Check if as specified <input checked="" type="checkbox"/>
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 time of delivery.	Check if as specified <input checked="" type="checkbox"/>
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 <input checked="" type="checkbox"/>
Service and Cleaning	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"/>
Warranty	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**  
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 C77— BID AS 71 PASSENGER ELECTRIC**

VENDOR'S COMPANY NAME Model 1 Commercial Vehicles	REPRESENTATIVE'S NAME Nick Corley	TELEPHONE NUMBER 888-633-8380
ADDRESS 11601 Cyrus Way #101 Mukilteo, WA 98275	Estimated delivery date to school district from time purchase order is received: <u>300-360</u> Days _____ Firm where engine and chassis can be serviced or repaired, and parts obtained: <u>Model 1 Commercial Vehicles</u> Firm where body can be serviced or repaired, and parts obtained: <u>Model 1 Commercial Vehicles</u>	

**BODY**

MAKE BYD/RIDE	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>350</u> w/lift <u>350</u>	Equipped seating capacity: w/o lift <u>72</u> w/lift <u>69+1</u>
MODEL S12N02-Body	YEAR 2024	Seat color: <u>Blue</u> Floor color: <u>Black</u>	Overall vehicle length (inches): w/o lift <u>468</u> w/lift <u>468</u>

**CHASSIS**

**MOTOR**

MAKE BYD/RIDE	Warranty: Years <u>5</u> Miles <u>100,000</u>	MANUFACTURER BYD	Torque: <u>700Nm</u> @ <u>1000</u> RPM
MODEL S12N02	YEAR 2024	Wheelbase: <u>280"</u>	H.P.: <u>348HP/260kw</u> @ RPM
		MODEL TZ240XSB	YEAR 2024
		C.I.D. or Liters: <u>N/A</u> Fuel type: <u>Electric</u>	

**BATTERIES**

12 Volt Battery type/grp: <u>Lead-Acid</u> <u>31</u>	Propulsion Number batteries: <u>3</u>	Warranty: Years <u>5</u> Miles <u>100,000</u>
Number batteries: <u>2</u>	Total kWh: <u>288kwh</u>	
Total CCA: <u>1530</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 \$ 399,400 Electric Bid—w/lift \$ 419,400

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

Vendor: Model 1 Commercial  
 Vehicles \_\_\_\_\_  
 Manufacturer: BYD/RIDE

**C77**  **D84** – ELECTRIC

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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.							
Activity Securement Seating	2-passenger position seats with lap-shoulder belts in all passenger positions.	Passenger Capacity <u>44</u> Cost \$ <u>24500</u>							
Air Conditioning	To cool passenger compartment as required in the Washington State School Bus Specifications manual.	Mfr. <u>Songzhi</u> Cost \$ <u>Included</u>							
Anti-spray Device	Rubber fender extenders.	Type C: Cost \$ <u>Included</u> Type D: Cost \$ _____							
Back-up Alarm	Must meet state specification.	Mfr. <u>TEMBQ</u> Cost \$ <u>Included</u>							
Brakes	4-wheel hydraulic disk brake.	Cost \$ <u>N/A</u>	Deduct \$ _____						
Brakes	Air, Drum or Disc. Refer to Washington State School Bus Specifications manual.	Disc Cost \$ <u>Included</u>	Disc Deduct \$ _____						
		Drum Cost \$ <u>N/A</u>	Drum Deduct \$ _____						
Color	Exterior white roof.	Cost \$ <u>Included</u>							
Door Locks	Vandal lock system on all exterior doors.	Cost \$ <u>Included</u>							
Driver's Seat	Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%; text-align:center;"><i>Non-Air</i></th> <th style="width:50%; text-align:center;"><i>Air</i></th> </tr> <tr> <td>Mfr. <u>NA</u></td> <td>Mfr. <u>Grammer</u></td> </tr> <tr> <td>Cost \$ _____</td> <td>Cost \$ <u>Included</u></td> </tr> </table>		<i>Non-Air</i>	<i>Air</i>	Mfr. <u>NA</u>	Mfr. <u>Grammer</u>	Cost \$ _____	Cost \$ <u>Included</u>
		<i>Non-Air</i>	<i>Air</i>						
		Mfr. <u>NA</u>	Mfr. <u>Grammer</u>						
Cost \$ _____	Cost \$ <u>Included</u>								
Mfr. <u>NA</u>	Mfr. <u>Grammer</u>								
Cost \$ _____	Cost \$ <u>Included</u>								
Fire Suppression System	Jomarr VT-6-E-NAF, or equal engine compartment fire suppression system of appropriate size to be installed according to manufacturer recommendation.	Mfr. <u>Amerez Corp</u> Cost \$ <u>Included</u>							
Floor Color	Nonstandard color.	Cost \$ <u>630</u>							
Headlights	Halogen.	Cost \$ <u>NA</u>							
Headlights	L.E.D.	Cost \$ <u>Included</u>							

State Price Quote Specification  
**DISTRICT-SUPPORTED OPTIONS**

**C77**    **D84 – ELECTRIC**

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PART II (cont.)

Vendor: Model 1 Commercial  
Vehicles

Manufacturer: BYD/RIDE

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.
Heater (Auxiliary water)	Auxiliary fuel-fired heating systems. Refer to Washington State School Bus Specifications Manual, page 27.	Brand: <u>BYD</u> Model: <u>TKC-8101110</u> Cost \$ <u>Included</u>
Noise Reduction	Exceeding minimum specifications.	Driver compartment      Cost \$ <u>Included</u> Engine compartment      Cost \$ <u>Included</u> Full acoustical headliner      Cost \$ <u>Included</u>
Retarder	Manufacturer's standard.	Driveline <input checked="" type="checkbox"/> Cost \$ <u>Brake Regen</u> Exhaust <input type="checkbox"/> Cost \$ <u>NA</u> Transmission <input type="checkbox"/> Cost \$ <u>NA</u>
Seat Belt Ready Seat	3-passenger position seat with securement belts.	Cost \$ <u>Included</u>
Seating System	Identical, non-lift bus with lap-shoulder seat belt system installed in all positions.	2 by 2 Cost \$ <u>0</u> Capacity <u>48</u> 3 by 2 Cost \$ <u>0</u> Capacity <u>60</u> 3 by 3 Cost \$ <u>0</u> Capacity <u>72</u>
Storage Compartments	Largest available for unit bid.	Left side <u>12.5</u> cubic feet. Cost \$ <u>2400</u> Right-side <u>12.5</u> cubic feet. Cost \$ <u>2400</u> Push-thru <u>NA</u> cubic feet. Cost \$ _____
Strobe Light	Exterior roof mounted white strobe light.	Mfr. <u>Specialty Man</u> Model No. <u>848-2020-100</u> Cost \$ <u>450</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.	
Student Protection System—Installed	Electronic system to insure driver post-trip inspection of passenger compartment.	Mfr. <u>Child Checkmate System Inc</u> Model No. <u>EP1-Plus</u> Cost \$ <u>1100</u>	
Suspension	Air ride (Air brake system only).	<b>Front</b>	<b>Rear</b>
		Cost \$ <u>Included</u>	Cost \$ <u>Included</u>
Toolbox	Interior, manufacturer standard.	Cost \$ <u>315</u>	Deduct \$ <u>0</u>
Traction Device	Automatic chains.	Mfr. <u>Onspot</u> Cost \$ <u>6825</u>	
Traction Device	Sanders.	Capacity <u>NA</u> Cost \$ _____	
Vehicle Securement System	Must meet state specification.	Mfr. <u>NA</u>	Cost \$ _____
Video Camera Systems—Installed	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Mfr. <u>Gatekeeper</u> Model No. <u>G4-Y58-V3</u> Cost \$ <u>3600</u> How many cameras <u>4</u>	
Video Camera Systems—Stop Sign Camera—Installed	Must meet state specification.	<b>Stand Alone System</b>	<b>Added to Interior System</b>
		Mfr. <u>Gatekeeper</u> Model No. <u>G4-Y35 HD V3 /SP25IP-KIT-V3</u> Cost \$ <u>2800</u> How many cameras <u>2</u>	Mfr. <u>Gatekeeper</u> Model No. <u>G4-Y58 HD V3 /SP25IP-KIT-</u> Cost \$ <u>5000</u> How many cameras <u>6</u>
Warning Light Monitor	16 light monitoring system.	<b>Incandescent</b>	<b>LED Lights</b>
		Cost \$ <u>N/A</u>	Cost \$ <u>955</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.
Additional Wheelchair/Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>AMF Bruns of America</u>
		Model No. <u>K530242-3241HL</u>
		Cost per station \$ <u>600</u>
Windows	Laminated passenger-compartment side or rear glass.	Side Cost \$ <u>3675</u>
		Rear Cost \$ <u>1575</u>
		Both Cost \$ <u>5250</u>
Windows	Tinted.	Cost \$ <u>Included</u>
Windows	Thermal pane, left of driver and service door.	Cost \$ <u>1050</u>