



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

PART I

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: ☒ Diameter <u>5.5"</u> Other: ☐ 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>

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

PART I (cont.)
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.	
Battery Compartment	Battery storage tray must be large enough to accommodate batteries as specified in chassis section.	☒ Swing out	☐ Roll out
Brakes	Air: Drum or Disc. Refer to Washington State School Bus Specifications Manual.	Disc Front ☒ Drum Front ☐ Size Front <u>22.5</u>	Rear ☒ Rear ☐ Rear <u>22.5</u>
Door, Service	Power operated.	☐ Air ☒ Electric ☐ Other	☐ Folding ☒ Split, Outward opening ☐ 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.	☒ Fiberglass ☐ 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 ☒ 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>	

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

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

PART I (cont.)

Vendor: Model 1 Commercial
Vehicles
Manufacturer: BYD/RIDE

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.
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 ☒
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>

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.
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 of the bus.	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 time of 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 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</u> <u>Commercial Vehicles</u> Firm where body can be serviced or repaired, and parts obtained: <u>Model 1 Commercial</u> <u>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>	
MODEL S12N02-Body		YEAR 2024		Equipped seating capacity: w/o lift <u>72</u> w/lift <u>69+1</u> Overall vehicle length (inches): w/o lift <u>468</u> w/lift <u>468</u>	
Seat color: <u>Blue</u> Floor color: <u>Black</u>					
CHASSIS					
MAKE BYD/RIDE		Warranty: Years <u>5</u> Miles <u>100,000</u>		MOTOR	
MODEL S12N02		YEAR 2024		Torque: <u>700Nm</u> @ <u>1000</u> RPM H.P.: <u>348HP/260kw</u> @ RPM C.I.D. or Liters: <u>N/A</u> Fuel type: <u>Electric</u>	
Wheelbase: <u>280"</u>		MANUFACTURER BYD			
MODEL TZ240XSB		YEAR 2024			
BATTERIES					
12 Volt Battery type/grp: <u>Lead-Acid</u> <u>31</u>		Propulsion Number batteries: <u>3</u>		Warranty: Years <u>5</u>	
Number batteries: <u>2</u>		Total kWh: <u>288kwh</u>		Miles <u>100,000</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 \$ <u>399,400</u> Electric Bid—w/lift \$ <u>419,400</u>					
VENDOR REPRESENTATIVE'S SIGNATURE _____				DATE _____	

State Price Quote Specification
DISTRICT-SUPPORTED OPTIONS

☒ **C77** ☐ **D84 – ELECTRIC**

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

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.	
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> Drum Cost \$ <u>N/A</u>	Disc Deduct \$ _____ 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.	Non-Air Mfr. <u>NA</u> Cost \$ _____	Air Mfr. <u>Grammer</u> 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**

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

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 ☒ Cost \$ <u>Brake Regen</u> Exhaust ☐ Cost \$ <u>NA</u> Transmission ☐ 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>

State Price Quote Specification
DISTRICT-SUPPORTED OPTIONS

☒ **C77** ☐ **D84 – ELECTRIC**

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

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.	
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).	Front	Rear
		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.	Stand Alone System	Added to Interior System
		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.	Incandescent	LED Lights
		Cost \$ <u>N/A</u>	Cost \$ <u>955</u>

State Price Quote Specification
DISTRICT-SUPPORTED OPTIONS

☒ **C77** ☐ **D84 – ELECTRIC**

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

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.
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>