



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

Vendor: The Lion Electric Co.
USA Inc

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>71 passenger</u> Capacity w/lift <u>57 + 1 WC</u>
Auxiliary Fans	2 fans, 6" maximum, mounted to right and left windshield and service door.	Mfr. <u>Bergstrom</u>
Axle—Front	9,000 lb. minimum.	Mfr. <u>Hendrickson</u> Capacity <u>10,000 lbs</u>
Axle—Rear	19,000 lb. minimum.	Mfr. <u>Dana</u> Capacity <u>21,000 lbs</u>
Axle Oil Seals	Front and rear oil bath.	Mfr. <u>National</u>
Axle Ratio	Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications Manual.	Mfr. <u>Dana Spicer</u> Capacity <u>5.57</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>7 inches</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>Two (2)</u> CCA <u>950 x 2 = 1,900 CC</u>
Battery(ies) Propulsion	Battery propulsion must meet a minimum of 130 kWh.	Number of batteries <u>Four (4)</u> kWh <u>168 kWh</u>

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Battery Compartment	Battery storage tray must be large enough to accommodate batteries as specified in chassis section.	<input type="checkbox"/> Swing out	<input checked="" 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 _____	Rear <input checked="" type="checkbox"/> Rear <input type="checkbox"/> Rear _____
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>90,000 (2 x 45,000)</u> Center B.T.U. <u>80,000</u> Rear B.T.U. <u>80,000</u> Total B.T.U. <u>250,000</u>	
Hood	Tilt.	<input checked="" type="checkbox"/> Fiberglass	<input type="checkbox"/> Metal
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 <input checked="" type="checkbox"/> If not, explain _____	
Motor	190 H.P. minimum.	Engine Mfr. <u>Dana / TM4</u> Model <u>TM4</u> Net torque <u>Up to 1.8</u> @ _____ R.P.M. Net H.P. <u>335</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>VR-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>360</u> w/lift <u>300</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>RCA Rubbers, pebble</u>
Tires	6 first quality, radial ply. No low profile tires.	Mfr. <u>BF Goodrich ST230</u> Size <u>11R22.5x9</u> Load range <u>L</u>
Toolbox	Exterior, manufacturer standard.	Size (cubic feet) <u>Between 12-16 cubic feet</u>
Two-way Communications	45-watt, VHF, mil. spec.	Mfr. <u>Multiple options available</u> Model No. _____
Wheels	6 to be compatible with tire size.	Size <u>22</u> Rim width <u>8.25</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>Century</u>
Wheelchair/ Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>Q-Straint</u> Model No. <u>QRT</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 of the bus.	Check if as specified <input 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 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 type="checkbox"/>
Service and Cleaning	Cleaning and service by vendor prior to delivery will include: <ul style="list-style-type: none"> • 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 <input type="checkbox"/>
Warranty	A complete copy of all warranty agreements will be furnished at time of delivery.	Check if as specified <input type="checkbox"/>



Washington Office of Superintendent of
PUBLIC INSTRUCTION
2021-2022

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 The Lion Electric Co. USA Inc	REPRESENTATIVE'S NAME Marc-Andre Page	TELEPHONE NUMBER 450-512-5065
ADDRESS 1620 Industry Dr. Southwest, Auburn, WA, 98001	Estimated delivery date to school district from time purchase order is received: <u>Up to</u> <u>120 days from purchase order</u>	
	Firm where engine and chassis can be serviced or repaired and parts obtained: _____ <u>1620 Industry Dr. Southwest, Auburn, WA, 98001</u>	
	Firm where body can be serviced or repaired and parts obtained: _____ <u>1620 Industry Dr. Southwest, Auburn, WA, 98001</u>	

BODY

MAKE Lion	Warranty: Years <u>1</u> Miles <u>100.0</u>	Inside measurement from rear of stepwell to appropriate point at rear of passenger seating area: w/o lift <u>364.5</u> w/lift <u>308.5</u>	Equipped seating capacity: w/o lift <u>71</u> w/lift <u>57+1</u>
MODEL LionC	YEAR 2022	Seat color: <u>Grey</u> Floor color: <u>Black</u>	Overall vehicle length (inches): w/o lift <u>473</u> w/lift <u>473</u>

CHASSIS

MOTOR

MAKE Lion	Warranty: Years <u>1</u> Miles <u>100.0</u>	MANUFACTURER Dana / TM4	Torque: <u>1,800</u> @ _____ RPM H.P.: <u>335</u> @ _____ RPM
MODEL LionC	YEAR 2022	Wheel base: <u>278</u>	C.I.D. or Liters: _____ Fuel type: <u>All-el</u>

BATTERIES

12 Volt Battery type/grp: <u>Grou</u> <u>400V</u>	Propulsion Number batteries: <u>4</u>	Warranty: Years <u>1</u> Miles <u>100.0</u>
Number batteries: <u>2</u>	Total kWh: <u>168</u>	
Total CCA: <u>1900</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 \$ 372,948.40 Electric Bid—w/lift \$ 381,748.40

VENDOR REPRESENTATIVE'S SIGNATURE 	DATE 2021-08-19
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State Price Quote Specification
DISTRICT-SUPPORTED OPTIONS

Vendor: The Lion Electric Co.
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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>48 passenger</u> Cost \$ <u>6,624</u>	
Air Conditioning	To cool passenger compartment as required in the Washington State School Bus Specifications manual.	Mfr. <u>ACT</u> Cost \$ <u>15,000</u>	
Anti-spray Device	Rubber fender extenders.	Type C: Cost \$ <u>Not available on the LionC</u> Type D: Cost \$ <u>Not available on the LionC</u>	
Back-up Alarm	Must meet state specification.	Mfr. <u>ECCO or equivalent</u> Cost \$ <u>0, standard on the LionC</u>	
Brakes	4-wheel hydraulic disk brake.	Cost \$ _____	Deduct \$ <u>4,200</u>
Brakes	Air, Drum or Disc. Refer to Washington State School Bus Specifications manual.	Disc Cost \$ <u>Standard</u> Drum Cost \$ <u>N/A</u>	Disc Deduct \$ _____ Drum Deduct \$ _____
Color	Exterior white roof.	Cost \$ <u>Standard</u>	
Door Locks	Vandal lock system on all exterior doors.	Cost \$ <u>Standard</u>	
Driver's Seat	Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers.	Non-Air	Air
		Mfr. <u>National</u>	Mfr. <u>National</u>
		Cost \$ <u>Standard</u>	Cost \$ <u>495</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>Not applicable</u> Cost \$ <u>N/A</u>	
Floor Color	Nonstandard color.	Cost \$ <u>654 (charcoal grey)</u>	
Headlights	Halogen.	Cost \$ <u>Not applicable</u>	
Headlights	L.E.D.	Cost \$ <u>Standard</u>	

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Heater (Auxiliary water)	Auxiliary fuel-fired heating systems. Refer to Washington State School Bus Specifications Manual, page 27.	Brand: <u>Spheros</u> Model: <u>S230</u> Cost \$ <u>0</u> , standard on the LionC
Noise Reduction	Exceeding minimum specifications.	Driver compartment Cost \$ <u>Standard</u> Engine compartment Cost \$ <u>Standard</u> Full acoustical headliner Cost \$ <u>Standard</u>
Retarder	Manufacturer's standard.	Driveline <input type="checkbox"/> Cost \$ <u>Standard (re-gen b</u> Exhaust <input type="checkbox"/> Cost \$ <u>Not applicable</u> Transmission <input type="checkbox"/> Cost \$ <u>Not applicable</u>
Seat Belt Ready Seat	3-passenger position seat with securement belts.	Cost \$ <u>138 per passenger</u>
Seating System	Identical, non-lift bus with lap-shoulder seat belt system installed in all positions.	2 by 2 Cost \$ <u>6,624</u> Capacity <u>48 passenger</u> 3 by 2 Cost \$ <u>Not available</u> Capacity <u>N/A</u> 3 by 3 Cost \$ <u>9,798</u> Capacity <u>71</u>
Storage Compartments	Largest available for unit bid.	Left-side <u>Not available</u> cubic feet. Cost \$ <u>N/A</u> Right-side <u>Not available</u> cubic feet. Cost \$ <u>N/A</u> Push-thru <u>Not available</u> cubic feet. Cost \$ <u>N/A</u>
Strobe Light	Exterior roof mounted white strobe light.	Mfr. <u>Multiple suppliers available</u> Model No. _____ Cost \$ <u>255</u>

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Student Protection System—Installed	Electronic system to insure driver post-trip inspection of passenger compartment.	Mfr. <u>ChildCheckMate</u> Model No. _____ Cost \$ <u>150</u>	
Suspension	Air ride (Air brake system only).	Front	Rear
		Cost \$ <u>Not available</u>	Cost \$ <u>0, standard for t</u>
Toolbox	Interior, manufacturer standard.	Cost \$ _____	Deduct \$ <u>1,500</u>
Traction Device	Automatic chains.	Mfr. <u>On-spot tire chains</u> Cost \$ <u>1,995</u>	
Traction Device	Sanders.	Capacity <u>Not available</u> Cost \$ <u>N/A</u>	
Vehicle Securement System	Must meet state specification.	Mfr. <u>Standard</u>	Cost \$ <u>0</u>
Video Camera Systems—Installed	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Mfr. <u>Seon, Gatekeeper, 24/7, SafetyVision, REI, multiple</u> Model No. _____ Cost \$ <u>4,500</u> How many cameras <u>5</u>	
Video Camera Systems—Stop Sign Camera—Installed	Must meet state specification.	Stand Alone System	Added to Interior System
		Mfr. <u>Seon, Gatekeeper, 24/7</u> Model No. _____ Cost \$ <u>3,500</u> How many cameras <u>1</u>	Mfr. <u>Seon, Gatekeeper, 24/7</u> Model No. _____ Cost \$ <u>3,500</u> How many cameras <u>1</u>
Warning Light Monitor	16 light monitoring system.	Incandescent	LED Lights
		Cost \$ <u>Not applicable</u>	Cost \$ <u>450</u>

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Additional Wheelchair/Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>Q Straint</u> Model No. <u>QRT</u> Cost per station \$ <u>800</u>
Windows	Laminated passenger-compartment side or rear glass.	Side Cost \$ <u>Standard</u> Rear Cost \$ <u>Standard</u> Both Cost \$ <u>Standard</u>
Windows	Tinted.	Cost \$ <u>Standard</u>
Windows	Thermal pane, left of driver and service door.	Cost \$ <u>Standard</u>