



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

Vendor: RWC Group

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</u> Capacity w/lift <u>60+1</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>Meritor</u> Capacity <u>10,000</u>
Axle—Rear	19,000 lb. minimum.	Mfr. <u>Dana Spicer</u> Capacity <u>23,000</u>
Axle Oil Seals	Front and rear oil bath.	Mfr. <u>Conmet Preset</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>6.83</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 Inch</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>2300</u>
Battery(ies) Propulsion	Battery propulsion must meet a minimum of 130 kWh.	Number of batteries <u>6</u> kWh <u>210</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 <u>22.5</u>	Rear <input checked="" type="checkbox"/> Rear <input type="checkbox"/> Rear <u>22.5</u>
Door, Service	Power operated.	<input checked="" type="checkbox"/> Air <input 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>50,000</u> Center B.T.U. <u>90,000</u> Rear B.T.U. <u>20,000 (convection-dispersed throughout)</u> Total B.T.U. <u>160,000</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</u> Model <u>TM4 Sumo</u> Net torque <u>2355 Nm</u> @ <u>1000</u> R.P.M. Net H.P. <u>335</u> @ <u>1000</u> R.P.M.	
P.A. System	AM/FM/PA radio with 2 interior and 1 exterior speakers.	Mfr. <u>Adayo</u> Model No. <u>HA1102D623A</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>355</u> w/lift <u>355</u>  Mfg.'s C/C seat measurement of vehicle (inches): w/o lift <u>27</u> w/lift <u>27</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>Koroseal</u>
Tires	6 first quality, radial ply. No low profile tires.	Mfr. <u>Continental</u> Size <u>11R22.5</u> Load range <u>H</u>
Toolbox	Exterior, manufacturer standard.	Size (cubic feet) <u>2.88</u>
Two-way Communications	45-watt, VHF, mil. spec.	Mfr. <u>ICOM</u> Model No. <u>F-5011</u>
Wheels	6 to be compatible with tire size.	Size <u>22.5</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 Gen2</u> Model No. <u>NL919FIB</u>
Wheelchair/ Occupant Tie-down System—Installed	Must meet state specification.	Mfr. <u>Q-Straint</u> Model No. <u>Q-8100-A1-SC</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 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"> <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 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 RWC Group	REPRESENTATIVE'S NAME Tom Hartman	TELEPHONE NUMBER 602-377-4401
ADDRESS 600 North 75th Avenue Phoenix, AZ 85043	Estimated delivery date to school district from time purchase order is received: _____ 12 Months	
	Firm where engine and chassis can be serviced or repaired and parts obtained: _____ Any IC or International Dealer	
	Firm where body can be serviced or repaired and parts obtained: _____ RWC Group (4 locations in WA)	

BODY				
MAKE IC Corporation	Warranty: Years <u>3</u>	Inside measurement from rear of stepwell to appropriate point at rear of passenger seating area: w/o lift <u>355</u> w/lift <u>355</u>	Equipped seating capacity: w/o lift <u>71</u> w/lift <u>60+1</u>	
MODEL PB10E00	Miles <u>36k</u>	Seat color: <u>Gray</u>	Overall vehicle length (inches): w/o lift <u>463.9</u> w/lift <u>463.9</u>	
YEAR 2023	Floor color: <u>Black</u>			

CHASSIS		MOTOR		
MAKE IC Corporation	Warranty: Years <u>5</u>	MANUFACTURER Dana	Torque: 2355 @ <u>1000</u> RPM	
MODEL PB10E00	Miles <u>Unlir</u>	MODEL TM4 Sumo	H.P.: <u>335</u> @ <u>1000</u> RPM	
YEAR 2023	Wheel base: <u>276</u>	YEAR 2021	C.I.D. or Liters: _____	
		Fuel type: _____		

BATTERIES			
12 Volt	Propulsion	Warranty: Years <u>5</u>	
Battery type/grp: <u>31</u>	Number batteries: <u>6</u>	Miles <u>100k</u>	
Number batteries: <u>2</u>	Total kWh: <u>210</u>		
Total CCA: <u>2300</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>361,846</u>	Electric Bid—w/lift \$ <u>365,944</u>
VENDOR REPRESENTATIVE'S SIGNATURE 	DATE <u>8-11-21</u>

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

Vendor: RWC Group

**C77**    **D84 – ELECTRIC**

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Activity Securement Seating	2-passenger position seats with lap-shoulder belts in all passenger positions.	Passenger Capacity <u>N/A</u> Cost \$ _____	
Air Conditioning	To cool passenger compartment as required in the Washington State School Bus Specifications manual.	Mfr. <u>ProAir</u> Cost \$ <u>26,425</u>	
Anti-spray Device	Rubber fender extenders.	Type C: Cost \$ <u>Included</u> Type D: Cost \$ <u>272</u>	
Back-up Alarm	Must meet state specification.	Mfr. <u>Ecco</u> Cost \$ <u>123</u>	
Brakes	4-wheel hydraulic disk brake.	Cost \$ <u>N/A</u>	Deduct \$ <u>N/A</u>
Brakes	Air, Drum or Disc. Refer to Washington State School Bus Specifications manual.	Disc Cost \$ <u>AIR STD</u> Drum Cost \$ <u>N/A</u>	Disc Deduct \$ <u>AIR STD</u> Drum Deduct \$ <u>N/A</u>
Color	Exterior white roof.	Cost \$ <u>776</u>	
Door Locks	Vandal lock system on all exterior doors.	Cost \$ <u>718</u>	
Driver's Seat	Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers.	<b>Non-Air</b>	<b>Air</b>
		Mfr. <u>Magnum</u> Cost \$ <u>225</u>	Mfr. <u>National</u> Cost \$ <u>350</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>N/A</u> Cost \$ _____	
Floor Color	Nonstandard color.	Cost \$ <u>419</u>	
Headlights	Halogen.	Cost \$ <u>Standard</u>	
Headlights	L.E.D.	Cost \$ <u>N/A</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>Webasto</u> Model: <u>Scholastic</u> Cost \$ <u>5,100</u>
Noise Reduction	Exceeding minimum specifications.	Driver compartment      Cost \$ <u>N/A</u> Engine compartment      Cost \$ <u>N/A</u> Full acoustical headliner      Cost \$ <u>Std</u>
Retarder	Manufacturer's standard.	Driveline <input type="checkbox"/> Cost \$ <u>          </u> Exhaust <input type="checkbox"/> Cost \$ <u>          </u> Transmission <input type="checkbox"/> Cost \$ <u>          </u>
Seat Belt Ready Seat	3-passenger position seat with securement belts.	Cost \$ <u>1,200</u>
Seating System	Identical, non-lift bus with lap-shoulder seat belt system installed in all positions.	2 by 2 Cost \$ <u>27,120</u> Capacity <u>48</u> 3 by 2 Cost \$ <u>N/A</u> Capacity <u>N/A</u> 3 by 3 Cost \$ <u>28,800</u> Capacity <u>71</u>
Storage Compartments	Largest available for unit bid.	Left-side <u>N/A</u> cubic feet. Cost \$ <u>N/A</u> Right-side <u>16.45</u> cubic feet. Cost \$ <u>1,401</u> Push-thru <u>N/A</u> cubic feet. Cost \$ <u>N/A</u>
Strobe Light	Exterior roof mounted white strobe light.	Mfr. <u>Ecco</u> Model No. <u>6550</u> Cost \$ <u>217</u>

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Student Protection System—Installed	Electronic system to insure driver post-trip inspection of passenger compartment.	Mfr. <u>IC</u> Model No. <u>Leave no student behind</u> Cost \$ <u>Included</u>	
Suspension	Air ride (Air brake system only).	<b>Front</b>	<b>Rear</b>
		Cost \$ <u>N/A</u>	Cost \$ <u>Included</u>
Toolbox	Interior, manufacturer standard.	Cost \$ <u>50</u>	Deduct \$ <u>62</u>
Traction Device	Automatic chains.	Mfr. <u>On Spot Chains</u> Cost \$ <u>3,100</u>	
Traction Device	Sanders.	Capacity <u>N/A</u> Cost \$ _____	
Vehicle Securement System	Must meet state specification.	Mfr. <u>SBS</u>	Cost \$ <u>1,002</u>
Video Camera Systems—Installed	Digital audio/video system for monitoring the passenger compartment with more than two cameras.	Mfr. <u>Seon</u> Model No. <u>TH4</u> Cost \$ <u>2,646</u> How many cameras <u>3</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>Seon</u>	Mfr. <u>Seon</u>
		Model No. <u>TH4</u>	Model No. <u>TH4</u>
		Cost \$ <u>2,439</u>	Cost \$ <u>694</u>
		How many cameras <u>1</u>	How many cameras <u>1</u>
Warning Light Monitor	16 light monitoring system.	<b>Incandescent</b>	<b>LED Lights</b>
		Cost \$ <u>191</u>	Cost \$ <u>217</u>



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**DISTRICT-SUPPORTED OPTIONS**

PART II (cont.)  
 Vendor: RWC Group  
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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>Q-Straint</u> Model No. <u>Q8107-A1-L2</u> Cost per station \$ <u>670</u>
Windows	Laminated passenger-compartment side or rear glass.	Side Cost \$ <u>1,095</u> Rear Cost \$ <u>147</u> Both Cost \$ <u>1,242</u>
Windows	Tinted.	Cost \$ <u>547</u>
Windows	Thermal pane, left of driver and service door.	Cost \$ <u>555</u>