



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 SPECIFICALLY IDENTIFY ITEM BID |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| | Vendor must meet or exceed these specifications. Item bid shall be specified in column to right. | 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"/> | Rear <input checked="" type="checkbox"/> |
| | | Drum Front <input type="checkbox"/> | Rear <input type="checkbox"/> |
| | | Size Front <u>22.5</u> | 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 @ 1000</u> R.P.M. | |
| | | Net H.P. <u>335 @ 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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| 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 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"> • 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 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
2022-2023

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 75 th Avenue Phoenix, AZ 85043 | Estimated delivery date to school district from time purchase order is received: 180 Days ARO _____ | |
| | 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> Miles <u>36K</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 | YEAR 2024 | Seat color: <u>Gray</u> Floor color: <u>Black</u> | Overall vehicle length (inches): w/o lift <u>463.9</u> w/lift <u>463.9</u> |

CHASSIS

MOTOR

| | | | |
|------------------------|--------------------------------------------------|------------------------|-----------------------------------------------------------------------------|
| MAKE IC Corporation | Warranty: Years <u>5</u> Miles <u>Unlimit</u> | MANUFACTURER Dana | Torque: <u>2355</u> @ <u>1000</u> RPM H.P.: <u>335</u> @ <u>1000</u> RPM |
| MODEL PB10E00 | YEAR 2024 | Wheel base: <u>276</u> | MODEL TM4 Sumo |
| | | | YEAR 2022 |
| | | | C.I.D. or Liters: _____ Fuel type: <u>Electric</u> |

BATTERIES

Warranty: Years 5

| | |
|-----------------------------|----------------------------|
| 12 Volt | Propulsion |
| Battery type/grp: <u>31</u> | Number batteries: <u>6</u> |
| Number batteries: <u>2</u> | Total kWh: <u>210</u> |
| Total CCA: <u>2300</u> | |

Miles 100K

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 \$ 368,101

Electric Bid—w/lift \$ 374,587

VENDOR REPRESENTATIVE'S SIGNATURE
Tom Hartman

DATE
8-17-22

| State Price Quote Specification | | Vendor: <u>RWC Group</u> | |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------|
| DISTRICT-SUPPORTED OPTIONS | | | |
| <input checked="" type="checkbox"/> C77 <input type="checkbox"/> 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>46</u> | |
| | | Cost \$ <u>26,450</u> | |
| 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>STD</u> | Disc Deduct \$ <u>N/A</u> |
| | | Drum Cost \$ <u>N/A</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. | Non-Air | Air |
| | | Mfr. <u>Magnum</u> | Mfr. <u>National</u> |
| | | Cost \$ <u>225</u> | Cost \$ <u>470</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 \$ <u>N/A</u> | |
| Floor Color | Nonstandard color. | Cost \$ <u>419</u> | |
| Headlights | Halogen. | Cost \$ <u>Standard</u> | |
| Headlights | L.E.D. | Cost \$ <u>N/A</u> | |

State Price Quote Specification
DISTRICT-SUPPORTED OPTIONS

Vendor: RWC Group

C77 **D84 – ELECTRIC**

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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>Pro 90</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>Standard</u> |
| Retarder | Manufacturer's standard. | Driveline <input type="checkbox"/> Cost \$ <u>N/A</u> Exhaust <input type="checkbox"/> Cost \$ <u>N/A</u> Transmission <input type="checkbox"/> Cost \$ <u>N/A</u> |
| Seat Belt Ready Seat | 3-passenger position seat with securement belts. | Cost \$ <u>1,173</u> |
| Seating System | Identical, non-lift bus with lap-shoulder seat belt system installed in all positions. | 2 by 2 Cost \$ <u>46</u> Capacity <u>26,450</u> 3 by 2 Cost \$ <u>N/A</u> Capacity <u>N/A</u> 3 by 3 Cost \$ <u>71</u> Capacity <u>28,152</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). | Front | Rear |
| | | Cost \$ <u>N/A</u> | Cost \$ <u>Standard</u> |
| Toolbox | Interior, manufacturer standard. | Cost \$ <u>N/A</u> | Deduct \$ <u>N/A</u> |
| Traction Device | Automatic chains. | Mfr. <u>On Spot</u> | |
| | | Cost \$ <u>3,716</u> | |
| Traction Device | Sanders. | Capacity <u>10 Gal</u> | |
| | | Cost \$ <u>3,824</u> | |
| Vehicle Securement System | Must meet state specification. | Mfr. <u>SBS</u> | Cost \$ <u>1,018</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>3,644</u> | How many cameras <u>3</u> |
| Video Camera Systems—Stop Sign Camera—Installed | Must meet state specification. | Stand Alone System | Added to Interior System |
| | | Mfr. <u>Seon</u> | Mfr. <u>Seon</u> |
| | | Model No. <u>TH4</u> | Model No. <u>TH4</u> |
| | | Cost \$ <u>2,877</u> | Cost \$ <u>889</u> |
| | | How many cameras <u>1</u> | How many cameras <u>1</u> |
| Warning Light Monitor | 16 light monitoring system. | Incandescent | LED Lights |
| | | Cost \$ <u>N/A</u> | Cost \$ <u>386</u> |

| | | | |
|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
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| 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> |