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| **2022-2023** |  | |  | **PART I** |
|  | **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.** | | Vendor: |
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| **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 | |
| Capacity w/lift | |
| Auxiliary Fans | 2 fans, 6” maximum, mounted to right and left windshield and service door. | Mfr. | |
| Axle—Front | 9,000 lb. minimum. | Mfr. | |
| Capacity | |
| Axle—Rear | 19,000 lb. minimum. | Mfr. | |
| Capacity | |
| Axle Oil Seals | Front and rear oil bath. | Mfr. | |
| Axle Ratio | Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications Manual. | Mfr. | |
| Capacity | |
| Back-up Lights | All required backup lights to be LED (Light Emitting Diode). Refer to Washington State School Bus Specification’s Manual. | Round:  Diameter  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 | |
| CCA | |
| Battery(ies)  Propulsion | Battery propulsion must meet a minimum of 130 kWh. | Number of batteries | |
| kWh | |

PART I (cont.)

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|  |  | | **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.** | | | Vendor: | | | |
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|  | |  | | |  | | | |
| **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  Rear | | | | |
| Drum Front  Rear | | | | |
| Size Front       Rear | | | | |
| 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. | | | | |
| Center B.T.U. | | | | |
| Rear B.T.U. | | | | |
| Total B.T.U. | | | | |
| Hood | | Tilt. | | Fiberglass | | | 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  If not, explain | | | | |
| Motor | | 190 H.P. minimum. | | Engine Mfr. | | | | |
| Model | | | | |
| Net torque       @       R.P.M. | | | | |
| Net H.P.       @       R.P.M. | | | | |
| P.A. System | | AM/FM/PA radio with 2 interior and 1 exterior speakers. | | Mfr. | | | | |
| Model No. | | | | |

PART I (cont.)

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|  |  | | **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.** | | | | Vendor: |
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|  | |  | | |  | | | |
| **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       w/lift | | | | |
| Mfg.’s C/C seat measurement of vehicle  (inches): w/o lift       w/lift | | | | |
| Steering Wheel | | Tilt and telescoping column. | | Check if as specified | | | | |
| Step Tread | | Studded or pebbled top tread covering. | | Mfr. | | | | |
| Tires | | 6 first quality, radial ply. No low profile tires. | | Mfr. | | | | |
| Size | | | | |
| Load range | | | | |
| Toolbox | | Exterior, manufacturer standard. | | Size (cubic feet) | | | | |
| Two-way Communications | | 45-watt, VHF, mil. spec. | | Mfr. | | | | |
| Model No. | | | | |
| Wheels | | 6 to be compatible with tire size. | | Size | | | | |
| Rim width | | | | |
|  | | **SPECIAL NEEDS REQUIREMENTS—CHASSIS AND BODY** | | | |  | | |
| Wheelchair  Lift—Installed | | Must meet state specification. Platform shall be a minimum of 32” x 52”. | | Mfr. | | | | |
| Model No. | | | | |
| Wheelchair/  Occupant Tie-down System—Installed | | Must meet state specification. | | Mfr. | | | | |
| Model No. | | | | |

PART I (cont.)

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|  |  | | | **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.** | | | | Vendor: |
|  |
|  | |  | | | |  | | | | |
| **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 | | | | | |

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| **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 | | REPRESENTATIVE’S NAME | TELEPHONE NUMBER | |
| ADDRESS | | Estimated delivery date to school district from time purchase order is received:  Firm where engine and chassis can be serviced or repaired and parts obtained:    Firm where body can be serviced or repaired and parts obtained: | |
|  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BODY** | | | | |
| MAKE | | Warranty: Years  Miles  Seat color:  Floor color: | Inside measurement from rear of stepwell to appropriate point at  rear of passenger seating area:  w/o lift       w/lift | Equipped seating capacity:  w/o lift       w/lift  Overall vehicle length (inches):  w/o lift       w/lift |
| MODEL | YEAR |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CHASSIS** | | | | **MOTOR** | | |
| MAKE | | | Warranty: Years  Miles | MANUFACTURER | | Torque:       @       RPM  H.P.:       @       RPM |
| MODEL | YEAR | | Wheel base: | MODEL | YEAR | C.I.D. or Liters:  Fuel type: |
| **BATTERIES** | | | | Warranty: Years  Miles | |  |
| 12 Volt | | Propulsion | |
| Battery type/grp:  Number batteries:  Total CCA: | | Number batteries:  Total kWh: | |

|  |  |
| --- | --- |
| **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 $       Electric Bid—w/lift $ | |
| VENDOR REPRESENTATIVE’S SIGNATURE | DATE |

PART II

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | **State Price Quote Specification**  **DISTRICT-SUPPORTED OPTIONS**  **C77**  **D84 – ELECTRIC**  **Use this document to bid both non-lift and lift buses.** | | | Vendor: | | |
|  | | |
|  | |  | |  | | | |
| **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 | | |
| Cost $ | | |
| Air Conditioning | | To cool passenger compartment as required in the Washington State School Bus Specifications manual. | | | Mfr. | | |
| Cost $ | | |
| Anti-spray Device | | Rubber fender extenders. | | | Type C: Cost $ | | |
| Type D: Cost $ | | |
| Back-up Alarm | | Must meet state specification. | | | Mfr. | | |
| Cost $ | | |
| Brakes | | 4-wheel hydraulic disk brake. | | | Cost $ | | Deduct $ |
| Brakes | | Air, Drum or Disc. Refer to Washington State School Bus Specifications manual. | | | Disc Cost $ | | Disc Deduct $ |
| Drum Cost $ | | Drum Deduct $ |
| Color | | Exterior white roof. | | | Cost $ | | |
| Door Locks | | Vandal lock system on all exterior doors. | | | Cost $ | | |
| Driver’s Seat | | Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers. | | | ***Non-Air*** | | ***Air*** |
| Mfr. | | Mfr. |
| Cost $ | | Cost $ |
| 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. | | |
| Cost $ | | |
| Floor Color | | Nonstandard color. | | | Cost $ | | |
| Headlights | | Halogen. | | | Cost $ | | |
| Headlights | | L.E.D. | | | Cost $ | | |

PART II (cont.)

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|  |  | | **State Price Quote Specification**  **DISTRICT-SUPPORTED OPTIONS**  **C77  D84 – ELECTRIC**  **Use this document to bid both non-lift and lift buses.** | | | Vendor: |
|  | |  | |  | | |
| **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:       Model: | |
| Cost $ | |
| Noise Reduction | | Exceeding minimum specifications. | | | Driver compartment Cost $ | |
| Engine compartment Cost $ | |
| Full acoustical headliner Cost $ | |
| Retarder | | Manufacturer’s standard. | | | Driveline  Cost $ | |
| Exhaust  Cost $ | |
| Transmission  Cost $ | |
| Seat Belt Ready Seat | | 3-passenger position seat with securement belts. | | | Cost $ | |
| Seating System | | Identical, non-lift bus with lap-shoulder seat belt system installed in all positions. | | | 2 by 2 Cost $ | |
| Capacity | |
| 3 by 2 Cost $ | |
| Capacity | |
| 3 by 3 Cost $ | |
| Capacity | |
| Storage Compartments | | Largest available for unit bid. | | | Left-side       cubic feet. | |
| Cost $ | |
| Right-side       cubic feet. | |
| Cost $ | |
| Push-thru       cubic feet. | |
| Cost $ | |
| Strobe Light | | Exterior roof mounted white strobe light. | | | Mfr. | |
| Model No. | |
| Cost $ | |

PART II (cont.)

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|  |  | | **State Price Quote Specification**  **DISTRICT-SUPPORTED OPTIONS**  **C77  D84 – ELECTRIC**  **Use this document to bid both non-lift and lift buses.** | | | Vendor: | | | | |
|  | |  | | |  | | | | | | |
| **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. | | | | | | |
| Model No. | | | | | | |
| Cost $ | | | | | | |
| Suspension | | Air ride (Air brake system only). | | | ***Front*** | | | | ***Rear*** | | |
| Cost $ | | | | Cost $ | | |
| Toolbox | | Interior, manufacturer standard. | | | Cost $ | | | | | Deduct $ | |
| Traction Device | | Automatic chains. | | | Mfr. | | | | | | |
| Cost $ | | | | | | |
| Traction Device | | Sanders. | | | Capacity | | | | | | |
| Cost $ | | | | | | |
| Vehicle Securement System | | Must meet state specification. | | | Mfr. | | | Cost $ | | | |
| Video Camera Systems—Installed | | Digital audio/video system for monitoring the passenger compartment with more than two cameras. | | | Mfr. | | | | | | |
| Model No. | | | | | | |
| Cost $       How many cameras | | | | | | |
| Video Camera Systems—Stop Sign Camera—Installed | | Must meet state specification. | | ***Stand Alone System*** | | | ***Added to Interior System*** | | | | |
| Mfr. | | | Mfr. | | | | |
| Model No. | | | Model No. | | | | |
| Cost $ | | | Cost $ | | | | |
| How many cameras | | | How many cameras | | | | |
| Warning Light Monitor | | 16 light monitoring system. | | ***Incandescent*** | | | ***LED Lights*** | | | | |
| Cost $ | | | Cost $ | | | | |

PART II (cont.)

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|  |  | **State Price Quote Specification**  **DISTRICT-SUPPORTED OPTIONS**  **C77  D84 – ELECTRIC**  **Use this document to bid both non-lift and lift buses.** | Vendor: |

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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. |
| Model No. |
| Cost per station $ |
| Windows | Laminated passenger-compartment side or rear glass. | Side Cost $ |
| Rear Cost $ |
| Both Cost $ |
| Windows | Tinted. | Cost $ |
| Windows | Thermal pane, left of driver and service door. | Cost $ |