

2020-2021

**State Price Quote Specification**

# TYPE C77—BID AS 71 PASSENGER, DIESEL, GAS & PROPANE

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

**PART I**

Vendor: The Lion Electric Co. USA Inc



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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 71 pass  Capacity w/lift 60 +1 W/C | |
| Alternator | 240 amp minimum. Lift- equipped or air- conditioned. Manufacturer recommended capacity. | ***Diesel*** | ***Gas*** | | ***Propane*** |
| Mfr. Leece-Neville Max. amps output w/o lift or  A.C. 240  Max. amps output w/lift or  A.C. 240 | Mfr.  Max. amps output w/o lift or  A.C.  Max. amps output w/lift or  A.C. | | Mfr.  Max. amps output w/o lift or  A.C.  Max. amps output w/lift or  A.C. |
| Auxiliary Fans | 2 fans, 6” maximum, mounted to right and left windshield and service door. | | | Mfr. Bergstrom | |
| Axle—Front | 9,000 lb. minimum. | ***Diesel*** | ***Gas*** | | ***Propane*** |
| Mfr. Hendrickson  Capacity 10000 | Mfr.  Capacity | | Mfr.  Capacity |
| Axle—Rear | 19,000 lb. minimum. | ***Diesel*** | ***Gas*** | | ***Propane*** |
| Mfr. Dana  Capacity 20000 | Mfr.  Capacity | | Mfr.  Capacity |
| Axle Oil Seals | Front and rear oil bath. | ***Diesel*** | ***Gas*** | | ***Propane*** |
| Mfr. National | Mfr. | | Mfr. |
| Axle Ratio | Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications  Manual. | ***Diesel*** | ***Gas*** | | ***Propane*** |
| Mfr. Dana Spicer  Model no. 5.29 | Mfr.  Model no. | | Mfr.  Model no. |
| Back-up Lights | All required backup lights to be LED (Light Emitting Diode). Refer to Washington State School Bus Specification’s Manual. | | | Round: Diameter 7in  Other: Square inches | |

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Vendor: The Lion Eletric Co USA Inc.

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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(ies) | 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. | | ***Diesel*** | | | ***Gas*** | | | | ***Propane*** | | |
| Size/group w/o lift 3 CCA 1900  Size/group w/lift 3  CCA 1900 | | | Size/group w/o lift  CCA  Size/group w/lift  CCA | | | | Size/group w/o lift  CCA  Size/group w/lift  CCA | | |
| 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 Drum Size | Front  Rear  Front Rear  Front Up to 17 inches  Up to 17 inches | | | | Rear |
| Door, Service | Power operated. | | | | | | Air Electric Other | | | | Folding  Split, Outward opening Other | |
|  |  | ***Diesel*** | | | ***Gas*** | | | | ***Propane*** | | | |
| Engine | Diesel, Gas and Propane—210 H.P. minimum. | Engine mfr. Cummins Model or liters 6.7 Net torque 560 @ 2200 R.P.M | | | Engine mfr. Model or liters Net torque @ R.P.M | | | | Engine mfr. Model or liters Net torque @  R.P.M | | | |
|  |  | Net H.P. 220@ | | 2200 R.P.M | Net H.P. @ R.P.M | | | | Net H.P. @ R.P.M | | | |
| Engine Heater | Engine manufacturer’s recommended in-block heater. | | | | | | Watts 750 Volts  Mfr. | | | | | |
| Engine Temperature | To be controlled electronically, by fan clutch/drive, or shutters. | | | | | | Mfr. Spal  Fan clutch | |  |  | Electronic  Shutters | |
| Fuel Tank | Diesel—100 gallon minimum. Gas and Propane—60 gallon minimum. | | | ***Diesel*** | | | ***Gas*** | | | | ***Propane*** | |
| Capacity 100 gallons | | | Capacity | | | | Capacity | |

# TYPE C77—BID AS 71 PASSENGER, DIESEL, GAS & PROPANE

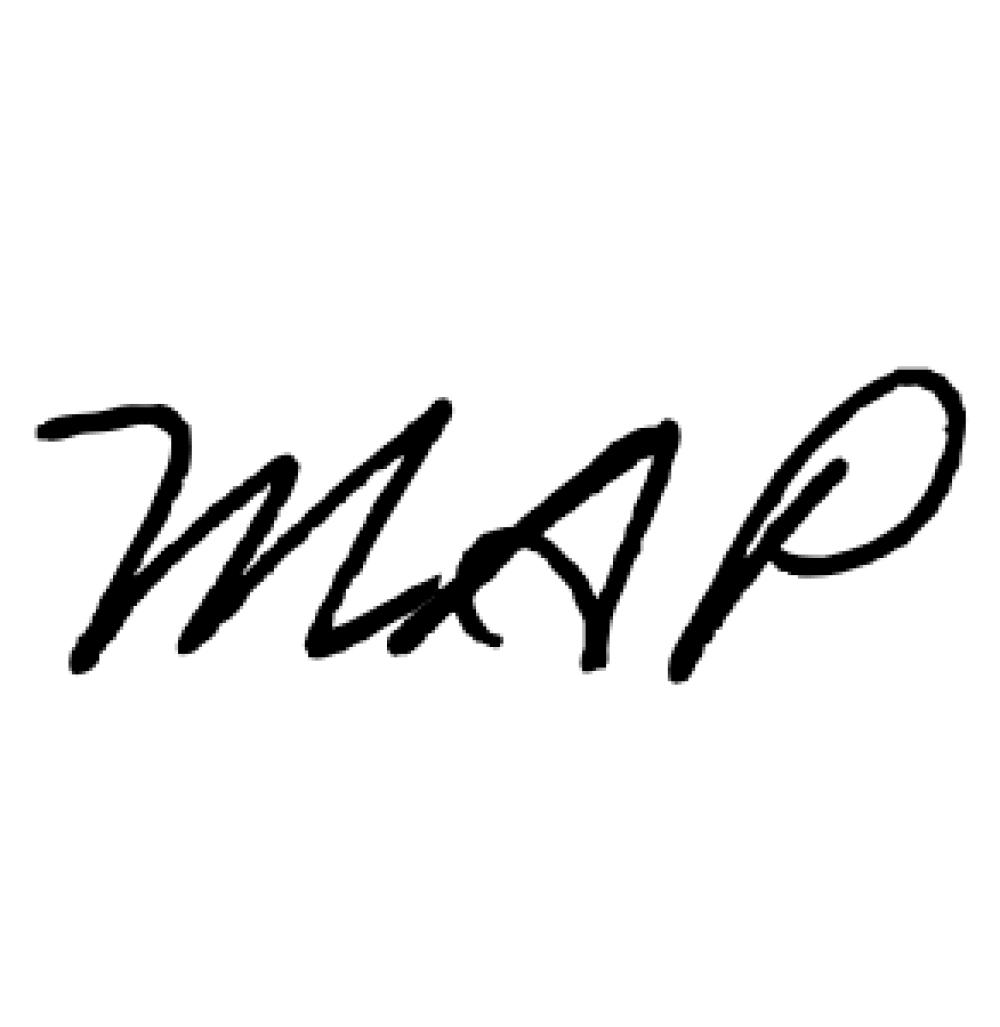
Use this document to bid both non-lift and lift buses for 61–77 capacity.

USA INC

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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. |
| Heaters | Minimum of 210,000 BTU total. Shutoff valves at engine for all heaters. Two-speed motors. Must include recirculating pump. | Left-front B.T.U. 45,000  Right-front B.T.U. 45,000  Center B.T.U. 80,000  Rear B.T.U. 80,000  Total B.T.U. 250,000 |
| 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 |
| P.A. System | AM/FM/PA radio with 2 interior and 1 exterior speakers. | Mfr. REI  Model No. VR-3000 |
| 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 364.5in w/lift 308.5in.  Mfg.’s C/C seat measurement of vehicle (inches): w/o lift 26 w/lift 26 |
| Steering Wheel | Tilt and telescoping column. | Check if as specified |
| Step Tread | Studded or pebbled top tread covering. | Mfr. rca |
| Tires | 6 first quality, radial ply. No low profile tires. | Mfr. GoodYear / BF Goodrich Size 11r22.5  Load range H |
| Toolbox | Exterior, manufacturer standard. | Size (cubic feet) 4.47 |

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| Transmission | Diesel and Propane: Automatic—Allison, PTS 2500 or equal.  Gas: Automatic— manufacturer’s standard compatible with H.P. and torque rating of engine  bid. | ***Diesel*** | ***Gas*** | | ***Propane*** |
| Mfr. Allison Model no. 2500PTS Net input Up to 950 lb-ft  Net input H.P. up to 220 HP | Mfr. Model no. Net input  Net input H.P. | | Mfr. Model no. Net input  Net input H.P. |
| Two-way Communications | 45-watt, VHF, mil. spec. | | | Mfr. multiple options available  Model No. | |
| Wheels | 6 to be compatible with tire size. | | | Size 22  Rim width 8.25 | |
| **SPECIAL NEEDS REQUIREMENTS—CHASSIS AND BODY** | | | | | |
| Wheelchair Lift—Installed | Must meet state specification. Platform shall be a minimum of 32” x 52”. | | | Mfr. Braun  Model No. Century | |
| Wheelchair/  Occupant Tie-down System—Installed | Must meet state specification. | | | Mfr. Q-Straint  Model No. QRT | |
| **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 | |

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| 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 |





**2019-2020**

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 (DIESEL)**

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| VENDOR’S COMPANY NAME  The Lion Electric Co. USA Inc. | REPRESENTATIVE’S NAME  Marc-Andre Page | TELEPHONE NUMBER  450-224-3297 |
| ADDRESS  1620 Industry Dr Southwest, Auburn, WA | Estimated delivery date to school district from time purchase order is received: Up to 120 days from purchase order Firm where engine and chassis can be  serviced or repaired and parts obtained: 1620 Industry Dr Southwest, Auburn, WA  Firm where body can be serviced or repaired and parts obtained: 1620 Industry Dr Southwest, Auburn, WA | |

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| --- | --- | --- | --- | --- |
| **BODY** | | | | |
| MAKE  LION | | Warranty: Years 5  Miles 100.000  Seat color: GREY  Floor color: BLACK | Inside measurement from rear of stepwell to appropriate point at rear of passenger seating area:  w/o lift 364.5 w/lift 364.5 | Equipped seating capacity: w/o lift 71 w/lift 60+1  Overall vehicle length (inches): w/o lift 473 w/lift 473 |
| MODEL  360 | YEAR  2021 |

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| **CHASSIS ENGINE** | | | | | |
| MAKE  LION | | Warranty: Years 5  Miles 100,000  Wheel base: 278 | MANUFACTURER  CUMMINS | | Torque: 560 @ 2250 RPM H.P.: 220 @ 2250 RPM  C.I.D. or Liters: 2406.7 Fuel type: DIESEL |
| MODEL  C\_360 | YEAR  2021 | MODEL  ISB6.7 | YEAR  2020 |
| **TRANSMISSION** | | | Warranty: Years 5  Miles 100,000  Number of cylinders: 6 Inline X V-type | | Battery type/grp: 3  Number batteries: 2  Total CCA: 1900 |
| MANUFACTURER  ALLISON | | Speeds forward: 6  Warranty: Years 5  Miles 100,000 |
| MODEL  2500PTS | |

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| **QUOTED PRICE** | |
| Quoted price is based upon payment within 30 days after delivery to the school district (without sales tax).  Diesel Bid—w/o lift $ 131,500 Diesel Bid—w/lift $ 140,300 | |
| VENDOR REPRESENTATIVE’S SIGNATURE | DATE 08 21 2020 |



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**VEHICLE DATA SHEET AND OFFICIAL PRICE QUOTATION**

**TYPE C77— BID AS 71 PASSENGER (GAS)**

REPRESENTATIVE’S NAME

TELEPHONE NUMBER

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:

ADDRESS

VENDOR’S COMPANY NAME

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 ENGINE** | | | | | |
| MAKE | | Warranty: Years  Miles  Wheel base: | MANUFACTURER | | Torque: @ RPM H.P.: @ RPM  C.I.D. or Liters:  Fuel type: |
| MODEL | YEAR | MODEL | YEAR |
| **TRANSMISSION** | | | Warranty: Years  Miles  Number of cylinders:  Inline V-type | | Battery type/grp: Number batteries: Total CCA: |
| MANUFACTURER | | Speeds forward:  Warranty: Years  Miles |
| MODEL | |

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| **QUOTED PRICE** | |
| Quoted price is based upon payment within 30 days after delivery to the school district (without sales tax).  Gas Bid—w/o lift $ Gas Bid—w/lift $ | |
| VENDOR REPRESENTATIVE’S SIGNATURE | DATE |



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**VEHICLE DATA SHEET AND OFFICIAL PRICE QUOTATION**

**TYPE C77—BID AS 71 PASSENGER (PROPANE)**

REPRESENTATIVE’S NAME

TELEPHONE NUMBER

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:

ADDRESS

VENDOR’S COMPANY NAME

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| --- | --- | --- | --- | --- |
| **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 |

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| **CHASSIS ENGINE** | | | | | |
| MAKE | | Warranty: Years  Miles  Wheel base: | MANUFACTURER | | Torque: @ RPM H.P.: @ RPM  C.I.D. or Liters:  Fuel type: |
| MODEL | YEAR | MODEL | YEAR |
| **TRANSMISSION** | | | Warranty: Years  Miles  Number of cylinders:  Inline V-type | | Battery type/grp: Number batteries: Total CCA: |
| MANUFACTURER | | Speeds forward:  Warranty: Years  Miles |
| MODEL | |

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| **QUOTED PRICE** | |
| Quoted price is based upon payment within 30 days after delivery to the school district (without sales tax).  Propane Bid—w/o lift $ Propane Bid—w/lift $ | |
| VENDOR REPRESENTATIVE’S SIGNATURE | DATE |

**State Price Quote Specification**

# DISTRICT-SUPPORTED OPTIONS C60 C77 D60 D84

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

## PART II

Vendor: The Lion Electric Co. USA Inc.

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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 44 pass  Cost $ 6,624 | |
| Air Conditioning | To cool passenger compartment as required in the Washington State School Bus Specifications manual. | Mfr. ACT  Cost $ 15,000 | |
| Alternate Fuel CNG  Electric | Must comply with power and gradeability formula. Refer to Washington State School Bus Specifications manual. Must comply with all of the requirements of FMVSS No. 305. | Mfr. Lion  CNG Cost $  Electric Cost $ 203,500 (above Lion diesel vehicle pricing) | |
| Alternator | Available options. | Cost $ not applicable Capacity  Cost $ Capacity  Cost $ Capacity | |
| Anti-spray Device | Rubber fender extenders. | Type C: Cost $ not available  Type D: Cost $ not available | |
| Back-up Alarm | Must meet state specification. | Mfr. ECCO or equivalent  Cost $ Standard $0 | |
| Brakes | 4-wheel hydraulic disk brake. | Cost $ | Deduct $ -5000 |
| Brakes | Air, Drum or Disc. Refer to Washington State School Bus Specifications manual. | Disc Cost $ Standard  Drum Cost $ N/A | Disc Deduct $  Drum Deduct $ |
| Color | Exterior white roof. | Cost $ standard | |
| Door Locks | Vandal lock system on all exterior doors. | Cost $ standard | |
| Driver’s Seat | Suspension type, 6-way adjustable, with lumbar adjustment. Cloth panel covers. | ***Non-Air*** | ***Air*** |
| Mfr. National | Mfr. National |
| Cost $ standard | Cost $ 495 |
| 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. not applicable  Cost $ | |

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| Floor Color | Nonstandard color. | Cost $ 695 (charcoal grey) |

**State Price Quote Specification**

# DISTRICT-SUPPORTED OPTIONS C60 C77 D60 D84

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

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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. | |
| Fuel Tank | Larger fuel capacity (CNG only). | Size: | Cost $ |
| Fuel Tank | Larger fuel capacity (Diesel only). | Size: 100 gallons | Cost $ standard |
| Fuel Tank | Larger fuel capacity (Propane only). | Size: | Cost $ |
| Headlights | Halogen. | Cost $ standard | |
| Headlights | L.E.D. | Cost $ 200 | |
| Heater (Auxiliary water) | Auxiliary fuel-fired heating systems. Refer to Washington State School Bus Specifications Manual, page 27. | Brand: Spheros  Cost $ 1875 | Model: S230 |
| Noise Reduction | Exceeding minimum specifications. | Driver compartment Cost $ standard  Engine compartment Cost $ standard Full acoustical headliner Cost $ 995 | |
| Retarder | Manufacturer’s standard. | Driveline  Exhaust  Transmission | Cost $  Cost $ 250  Cost $ |
| Seat Belt Ready Seat | 3-passenger position seat with securement belts. | Cost $ 138 per passenger | |
| Seating System | Identical, non-lift bus with lap-shoulder seat belt system installed in all positions. | 2 by 2 Cost $ 6,624 Capacity 48 pass 3 by 2 Cost $ not available Capacity 3 by 3 Cost $ 9,798  Capacity 71 | |

**State Price Quote Specification**

# DISTRICT-SUPPORTED OPTIONS C60 C77 D60 D84

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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. | |
| Storage Compartments | Largest available for unit bid. | Left-side 80 (only available on diesel option)  cubic feet. Cost $ 3500 Right-side (only available on diesel option) 80  cubic feet.  Cost $ 3500 Push-thru not available cubic feet.  Cost $ not available | |
| Strobe Light | Exterior roof mounted white strobe light. | Mfr. multiple suppliers available  Model No.  Cost $ 255 | |
| Student Protection System—Installed | Electronic system to insure driver post-trip inspection of passenger compartment. | Mfr. childcheckmate  Model No.  Cost $ 150 | |
| Suspension | Air ride (Air brake system only). | ***Front*** | ***Rear*** |
| Cost $ not available | Cost $ 3,600 |
| Toolbox | Interior, manufacturer standard. | Cost $ 200 Deduct $ | |
| Traction Device | Automatic chains. | Mfr. on spot tire chains  Cost $ 1995 | |
| Traction Device | Sanders. | Capacity not available  Cost $ | |
| Transmission | Automatic—Allison, PTS 3000 or equal. | Mfr. Allison,  Model No. 3000 PTS  Cost $ standard | |
| Vehicle Securement System | Must meet state specification. | Mfr. standard | Cost $ 0 |
|  |  | Mfr. Seon | |

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| Video Camera Systems—Installed | Digital audio/video system for monitoring the passenger compartment with more than two cameras. | Model No. TH8H1T0 with software license  Cost $ 3500 How many cameras 8 |

**State Price Quote Specification**

# DISTRICT-SUPPORTED OPTIONS C60 C77 D60 D84

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

PART II (cont.) Vendor: The Lion Electric Co. USA Inc

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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. | |
| Video Camera Systems—Stop Sign Camera—Installed | Must meet state specification. | ***Stand Alone System*** | ***Added to Interior System*** |
| Mfr. Seon  Model No. HD3Q03A50  Cost $ 1,185  How many cameras 5 | Mfr. Seon  Model No. HD3Q03A50  Cost $ 1,185  How many cameras 5 |
| Warning Light Monitor | 16 light monitoring system. | ***Incandescent*** | ***LED Lights*** |
| Cost $ Standard | Cost $ 450 |
| Additional Wheelchair/Occupant Tie-down System— Installed | Must meet state specification. | Mfr. Q Straint Model No. QRT  Cost per station $ 800 | |
| Windows | Laminated passenger-compartment side or rear glass. | Side Cost $ 795  Rear Cost $ 295  Both Cost $ 1090 | |
| Windows | Tinted. | Cost $ Standard | |
| Windows | Thermal pane, left of driver and service door. | Cost $ Standard | |