Commonwealth of Virginia
Division of Purchase & Supply
1111 East Broad Street
Richmond, VA 23219

NOTICE OF CONTRACT RENEWAL

1.	DATE:	August 20, 2009
2.	COMMODITY NAME:	**19 Passenger, BOC Lift Ford Gasoline Engine**
3.	CONTRACT NUMBER:	**7600-10B**
4.	CONTRACT PERIOD:	September 15, 2009 through September 14, 2010 **Build-out Date: TBD**
5.	SUPERSEDES:	7600-90B
6.	AUTHORIZED USERS:	State Agencies and Other Public Bodies
7.	CONTRACTORS' DUNS:	010053718
8.	CONTRACTOR:	Sonny Merryman, Inc. P.O. Box 495 Rustburg, Virginia 24588
9.	CONTACT:	Mr. Mark Roberts Telephone: (434) 821-1000 / Fax: (434) 821-8203 E-mail: mark@sonnymerryman.com
10.	TERMS:	Net 30
11.	DELIVERY:	150 ARO
12.	F.O.B.:	Richmond, Virginia
13.	PRICES & OPTIONS:	See Attached
14.	FOR FURTHER CONTRACT INFORMATION CONTACT:	Jessica L. Milburn Telephone: (804) 786-3857 E-mail: Jessica.milburn@dgs.virginia.gov

ADDITIONAL COPIES OF CONTRACTS AND ANY ASSOCIATED CONTRACT CHANGES MAY BE VIEWED AND PRINTED AT THE DPS WEBSITE: www.dgs.state.va.us/dps.

NOTICE TO ALL STATE AGENCIES: This contract is the result of a competitive bid program and its use is mandatory for all State Agencies (unless otherwise indicated in item 6 above) in the purchase of any commodity listed herein. If the commodity or services available under this contract cannot be used by an agency, a request to purchase other goods or services of a similar nature shall be submitted to the appropriate DGS/DPS contract/purchase officer for approval. A complete and factual written justification is necessary to support the request. Refer to Section 13.7a of the Agency Procurement and Surplus Property Manual.

Note: This public body does not discriminate against faith-based organizations in accordance with the Code of Virginia, § 2.2-4343.1 or against a bidder or offeror because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.

Jessica L. Milburn

By: _____

Jessica L. Milburn / Statewide Contract Officer

INSTRUCTIONS

1. **Orders:** Unless otherwise instructed by the Division of Purchases and Supply, all departments, institutions and agencies of the Commonwealth of Virginia may order items listed by issuing agency purchase orders (Form DPS-41-056) or by issuing their own purchase order form.

2. Written Purchase Orders Required by the Contractor. When required by the contractor, state agencies and public bodies will supply written purchase order forms for orders under $5,000.

3. **Verbal / Facsimile Orders:** When a written purchase order is not required by the contractor, state agencies have the authority to place verbal and/or facsimile orders for requirements valued at less than $5,000.

   Purchase orders will be submitted to the contractor via the Commonwealth of Virginia's electronic procurement system, also known as eVA. The orders will be governed by this agreement and the terms and conditions contained in the separate agreement for participation in eVA executed by the contractor.

4. If this contract is authorized for use by localities (see line item 6, page 1), Virginia cities, counties, towns and political subdivisions may use their own form to order items listed in this contract.

5. The applicable contract number, federal employer identification number (FEI), and item number (for itemized contracts) must be shown on each purchase order and copy, each facsimile transmission or given verbally when telephonic orders are placed.

6. Inspection on delivery and approval of vendor's invoice is the responsibility of receiving state agency, Virginia City, county, town or political subdivision.

7. Any complaint as to quality, faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Division of Purchases and Supply for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply (786-8873).

8. **Renewals.** **No** renewals remain. The decision as to whether to exercise the next renewal option will be made by the contract officer approximately four to six months in advance of the expiration date of the current term.

9. **Price Adjustments:** During the current term of the contract, increase will be granted at the introduction of the new model year, if justified. The contract officer makes the decision to allow or deny a request for increase based upon the documentation submitted by the contractor. The contractor is required to pass on any price reductions immediately.

   NTOICE! All price increases must be approved by the contract officer. Contract users will be sent a Notice of Contract Change from this office as official notification of such changes, if approved.

DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION

19 Passenger BOC

16 Ambulatory, Two Wheelchairs and Driver

With Wheelchair Lift Specifications

Model 2010

These specifications incorporate where appropriate all provisions of the Americans with Disabilities Act Final Rule as stated in the Federal Register Vol. 56. No.173 of September 6, 1991, Subpart B - Buses, Vans and Systems, pages 45756 through 45761. The minimum specifications for a 15 passenger (including driver) wide body vertical sidewall van with wheelchair lift as follows:

1. Engine: Ford engine to be a V-10, 6.8 liters.

2. Gross Vehicle Weight (GVW): To be not less than 14,050 lbs.

3. Overall Vehicle Length: Minimum of 24' 6" (Bumper to Bumper)

4. Overall Exterior Width: Minimum of 96"

5. Exterior Height: 115" (plus/minus 3")

6. Ground to First Step: Not to exceed 12"

7. Tread Depth: Minimum of 9"

8. Step Riser: Maximum of 9.5"

9. Interior Width at Seat Level: Minimum 90"

10. Interior Height Standard Floor: Minimum 78"

11. Interior Height Flat Floor: Minimum 73"

12. Interior Length: Minimum of 178" (rear edge of step well to rear wall)

13. Ambulatory Door: 30"

14. Wheelchair Lift Doors: Double Leaf Design with clear opening of 70" H x 46"W, 21"H X 12" W fixed glass in each door leaf, leafs to be maintained in open position by a top mounted, steel checks style, zinc plated door hold open device with 30 LB. springs.

15. Rear Door: 30" x 58"

16. Wheelbase: Minimum of 176"

17. Vehicle Body: The vehicle shall be of a vertical sidewall design, which provides maximum shoulder room; slanted sidewalls such as a converted raised roof van are unacceptable. Body: The body shall be constructed of steel frame members completely encircling the passenger

compartment going from the floor supports on one side, up, across the roof and down to the floor supports on the other side to provide more or less of a roll bar at each body post location. These post assemblies, or roll bars, shall be tied together with longitudinal stringers at the top and bottom lines of the window openings and at least one on the body roof centerline to produce a safety cage design. Exterior seams shall be constructed in such a manner that they shed water, that is, the leading panel shall be lapped over the following panel and in no case shall the sealing of the panels be dependent on caulking alone. All exterior joints and seams shall be protected by the application and caulking compound zinc chromate type, butyl/rubber type. Body shall be thoroughly tested and made tight to prevent leakage. Before assembling, all metal parts shall be given a thorough anti-corrosion treatment. Interior surfaces of body panels and post, which are covered by trim materials, shall be given protection against corrosion. The vehicle must comply with the requirements of school bus rollover protection of the Federal Motor Vehicle Safety Standards (FMVSS) #220, as applicable. ALL BIDDERS SHALL SUBMIT WITH THE BID PLANS AND DESIGNS FOR ALL CONSTRUCTION OF THE VEHICLE'S EXTERIOR AND INTERIOR BODY.

18. Front Axle: To be equipped with heavy-duty axle and springs adequate for vehicle's gross vehicle weight.

19. Rear Axle: To be equipped with heavy-duty axle and springs adequate for vehicle's gross vehicle weight.

20. Shock Absorbers: Shall be load rated and of the heaviest duty available, capable of controlling the ride in the vehicle when empty, as well as when loaded to the GVW. They shall be a heavy-duty type to give maximum trouble free life in transit operations.

21. Suspension: The suspension system shall be load rated and of the heaviest duty available for the GVW of the vehicle. The springs shall be the "progressive type" to give an acceptable ride under various load conditions. The suspension system may be coil springs on the front and leaf springs on the rear.

22. Automatic Transmission: To be a four speed electronic transmission with overdrive and must be compatible with the engine specified. The transmission shall be equipped with an auxiliary transmission cooler. The transmission shall be equipped with an audible back-up alarm integrated into reverse gear backing lights.

23. Drive Shaft: To be rated capable of transmitting the torque multiplication of the power units to the drive wheels. A safety guard is required to prevent a broken shaft from touching the ground or contacting any brake lines.

24. Exhaust System: To be equipped with corrosion resistant muffler. No flexible tubing shall be used between the engine and the muffler. The exhaust shall exit at the rear of the vehicle.

25. Engine Air Cleaner: To be a dry replacement element. Type and make to meet the engine manufacturer's recommendation.

26. Fuel Tank: To have the largest capacity furnished by manufacturer, minimum of 50 gallons. Filler to be located to provide easy servicing. Tank should be located in an area protected under the vehicle and shall incorporate a frame or shield around the tank to preclude puncture in an accident.

27. Brakes: Shall be efficiency rated and of the heaviest duty available for the GVW of the vehicle involved. Four-wheel antilock brakes will be provided. Braking system shall comply with FMVSS-121 or FMVSS-105, as applicable.

28. Parking Brake: To be chassis manufacturer's heaviest duty brake and shall be manually operated working on the rear wheel brakes or the drive shaft. The parking brake shall be capable of holding a fully loaded vehicle on a 15% incline; the system shall incorporate a warning light on the instrument panel to indicate to the driver when the brake is on.

29. Steering: To be hydraulic power steering of integral design. It shall be factory installed and of the type the manufacturer provides for vehicle of this size. To be equipped with a tilt steering wheel.

30. Tires and Wheels: Tires (seven per bus including spare) shall be minimum LT225/75R16E tubeless radial. The weight distribution of the vehicle with maximum load shall be evenly distributed and not over load any tires beyond there rated capacity. One matching spare tire and wheel per vehicle is required loaded loose in the vehicle. Wheels shall have matching wheel covers. OEM vehicle hydraulic jack designed for the weight of the vehicle shall be included.

31. Electrical Alternator: Shall be a minimum 130 AMP.

32. Voltage Regulator: Shall be solid-state 12-volt system. Must be compatible with the generator / alternator involved.

33. Battery: Shall be two- (2) maintenance free type, 12 volt batteries with a combined minimum of 1375 CCA.

34. Wiring: Shall be manufacturer's standard for circuits involved. All wiring shall be run inside the body in a protected area. Any wiring that is exposed to the elements shall be in loom and securely clipped for maximum protection. Clips shall be rubber or plastic coated to prevent them from cutting the wiring insulation. All wiring shall be color-coded and labeled for identification. Circuit breakers and electrical panels shall be located to be easily accessible. The manufacturer shall provide complete wiring schematics showing the original wiring and the added wiring for the vehicle involved. The schematics shall be contained in a three ring binder and include a table of contents.

35. Exterior Armored Clearance Lights: Five amber fronts and five reds at rear. All clearance lights shall be armored or recessed.

36. Interior Access Door: An access door on the front bulkhead or over driver seat to access to the market lights (11" by 40").

37. Reflectors: Four red at rear and two amber at front.

38. Directional Signals: Shall be in compliance with FMVSS and state statutes. Turn signals and four-
way emergency flashers shall be independent of the rear brake light system to allow the emergency
flash circuit to be operable and uninterrupted by a brake application. Control switch shall be self-canceling type mounted on the steering column. Shall include a hazard-warning feature as required by FMVSS 108. A third or center OEM brake light will be flush mounted above the center of the rear window. The additional brake light shall either be flush mounted or armored.

39. Interior Dome Lights: Shall be ceiling mounted and centrally located over the aisle. There shall be a minimum of six ceiling mounted lights to provide sufficient interior lighting. The opening of the door shall activate all bus body dome lights when the ignition is on or by a separate switch in the driver's compartment. There shall be two shielded step well lights, wired to light when the door opens and shall be mounted on both sides of the step well to provide light on each step tread, plus an area on the ground (3) feet beyond lower step. The step well lights shall be located to prevent one step from casting a shadow on another step tread. A dome light shall also be

provided over the driver's seat area. The driver's seat area dome light shall be a separate circuit from the passenger area dome lights, however switches conveniently placed near the driver's seat shall activate both sets of dome lights.

40. Lighting: Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.31 Lighting.

41. Instruments: Shall be mounted in the instrument panel forward of the driver and in full view while in the driving seated position. The following gauges will be supplied: a) voltmeter; b) engine water temperature; c) oil pressure; d) fuel gauge; e) speedometer/odometer. In addition, the driver shall be warned of the following conditions by either a warning light or audible alarm: a) low voltage; b) low oil pressure; c) headlights on high beam; d) parking brake applied; e) turn signals activated.

42. Controls and Switches: All controls and switches shall be mounted within easy reach of the driver, either forward of or to the left. They shall be permanently labeled for quick and unmistakable identification; they shall be lighted for nighttime operation in such a way as to prevent glare in the windshield or driver's side windows. Glued identification decals are not acceptable. All dash gauge lights shall be of variable intensity and controlled by one driver accessible dimmer switch.

43. Heater: Fresh air type front hot water heater, with windshield defroster. This heating system is to be located in front of the passenger compartment and to be operated from the driver's position.

44. Rear Heater: A heater to be a minimum of 65,000 BTU/hour and to be controlled from the driver's position. The rear-heating unit shall be located so as not to adversely affect the wheelchair tie down area or regular ambulatory movement. There shall be a shut off valve in the heater piping located in an easily accessible area to permit the water circulation to the heaters to be shut off area during hot weather.

45. Windshield Wipers/Washers: To be manufacturer's standard for the vehicle involved. Washer supply tank shall be located for easy refill from outside the vehicle. A FOUR (4) -position switch having OFF, INTERMITTENT, LOW and HIGH positions shall control wipers.

46. Sun Visor: Shall be padded type, fully adjustable, to provide sun glare protection either at the windshield or the driver's side window. Friction device shall hold it securely in either location and in any position during travel over rough road surfaces.

47. Mirrors: Two (2) exterior rear view mirrors shall be provided on break-away brackets, one (1) at the driver's left side, and one opposite on the right side. They shall have a minimum size of 6" x 9". They shall be mounted out of the driver's normal driving line of vision to prevent driving "blind spots". Convex spot mirrors of no less than three (3) inches in diameter will be provided for each exterior mirror. One (1) interior rear view mirror shall be located above the windshield and shall be large enough to provide the driver with a full view of the bus interior. All mirrors and mirror mountings shall be sufficiently rigid to prevent viewing distortion due to vibration. A Fresnel lens (minimum 8"x10") shall be centered and installed/glued on the rear window.

48. Exterior Finish: Shall be manufacturer's standard fleet white color of paint, with accent striping to match recipients existing fleet design. No full body paint schemes are required; i.e. all buses will incorporate white as the base color. The paint schemes required would include no more than three stripe colors in addition to the base body white. The stripes shall be painted, not applied as with vinyl graphic material. The paint used for the stripes shall be DuPont ChromaBase or equal. The stripes shall include a "clear coat" finish. The body metal shall be properly treated before final color paint to prevent rusting or corrosion. A can or bottle of exterior touch up paint shall be provided. The transit system's name shall be painted or direct contact 3M seven-year vinyl or

equivalent on each side of the vehicle and approved by the recipient. Some recipients will require logo reproduction on the exterior of the vehicle. The price for this graphic work is to be included in the price.

49. Interior Colors: Shall be chosen from the manufacturer's standard colors.

50. Floor: The floor shall be ¾ inch minimum waterproof plywood adequately fastened to the under structure and include a metal vapor barrier. The floor shall be a seamless one-piece design to prevent intrusion of elements in to floor structure. All edges, cutouts, notches, etc. shall be properly sealed after cutting to prevent moisture from entering between the plies. Joints in the plywood floor shall not occur over joints in the metal sub floor. The floor from the point behind the driver's seat shall be a level surface to the rear of the vehicle except where wheelhouses are necessary.

51. Floor Covering: Shall be RCA transit quality rubber 1/8" thick, smooth under passenger seats and in the driver's area. Aisle covering shall be RCA transit quality 3/16" thick ribbed. Step treads shall have a white edge or nosing to pronounce the presence of the step. Vestibule covering shall be mitered to match the ribs in the aisle strip to facilitate clearing. Carpeted floors are unacceptable for this application. The floor covering shall be color keyed providing a visual contrast to the interior. The minimum choices for the floor color shall include black, tan, charcoal and blue. A white standee line shall be included at the forward area of the passenger compartment.

52. Combination Roof Ventilator/Emergency Exit: A non-closing, static exhaust vent shall be included on the roof hatch. The combination ventilator-emergency escape hatch, with the dimensions of 24inches x 24 inches, shall be installed in the vehicle roof. When the hatch is open and the vehicle is in a forward motion, fresh air will be provided inside the vehicle. Specialty Manufacturing Co. Specialty Hatch model #8915 or Transpec Inc. Model #1100 Triple Value Safety vent.

53. Insulation: The roof, sides and rear doors including front and rear cab area, to be insulated and lined. Areas between the inner and outer vertical walls and roof shall be insulated with a fiberglass of an R factor of 6.

54. Windows: Transit type top "T" slider windows with safety glass, 31% tinted shall be installed in each side of the passenger compartment. Each window shall be a minimum of 24" wide by 30" high. Each window shall include a ventilation section providing ventilation for the passengers. One window on each side of the bus shall function as an emergency exit in accordance with FMVSS #217.

55. Interior: All interior panels, materials and treatments shall be flame retardant. The headliner, side walls and cab liner shall be fiberglass panels to facilitate ease of cleaning.

56. Undercoating: The underbody, including wheel housings, shall be undercoated. Undercoated to be applied wherever allowed by the chassis OEM. Proper care shall be taken to prevent any coating from being deposited on grease fittings, moving parts, brake hoses, and drive shaft.

57. Mud Deflectors: Mud flaps will be provided mounted to both front and rear wheel wells.

58. Seating: To have seating capacity of 15 adults including the driver and two passengers in wheelchairs. The stationary seats for 12 passengers shall be a C.E. White Company Model LE-35 or LE-17 or the Freedman Seating Company Mid Height, Feather Weight Transit Line. Optional Foldaway seats (if requested by recipient) shall be a C.E. White Company Model ADA-35 and ADA-17, or Freedman Seating Company "AM2 Foldaway". Seat belts are to be provided and color coded to allow one to differentiate between which seat belt goes to which seat. Please refer

to attached floor plan. Minimum hip to knee spacing will be 27 inches and seat spacing to be a minimum of 29 inches. All aisle side seats to include anti-vandal, integrally molded seat back grab handles. All seats will be padded and include 5” cushions at the front edge of the seat bottom and taper to 3” at the rear of the seat bottom. All seats and restraints must comply with current FMVSS standards, including 201,202,207,208,209,210,214, 225 and 302. All FMVSS (seating system) and 210 (seat belt assembly anchorages) testing must be completed in the proposed vehicle.

59. Seat Covering: Standard cloth or vinyl seat coverings (or a combination of the two) shall be provided. Minimum color selections will include gray, blue, maroon and tan or brown. Price for level three seat covering to be included in the bid price.

60. Floor Plan: All bidders will submit a floor plan drawn specifically for this procurement. The floor plan shall be drawn to scale and clearly indicate hip to knee dimensions. Offers submitted without a floor plan as described above will be deemed unresponsive. Minimum hip to knee dimension will be 27”. Minimum seat spacing to be 29”.

61. Driver’s Seat: Driver’s seat shall recline and be equipped with a cloth seat and back insert. The driver’s seat shall also have a fore and after adjustment.

62. Bumpers: Shall be provided at both front and rear of the vehicle. They shall wrap around the body sufficiently to give protection against impact at the body corners. The front bumper shall be supplied by the chassis OEM and include a chrome finish. The rear bumper will be painted steel and include an anti-ride feature. The anti ride device shall include a built-in step at the rear door. The step shall include a non-slip, textured surface.

63. Towing Devices: There shall be attachment points (2) at the rear. The towing devices shall be adequate in design and construction to permit towing the vehicle without distortion or failure.

64. Air Conditioning: Air conditioning shall be American Cooling Technology, Inc. (A.C.T.) model ACT-50HD, Trans Air model TA-733 Super, or Carrier Transicold-A/C Industries model AC-713 Max or Rifled Air Conditioning (RAC) Model 2020.

    The air conditioning system shall consist of two (2) completely independent air conditioning systems (minimum of 68,000 BTU). The drivers area air conditioning system shall be the OEM supplied air conditioning system and shall consist of the OEM supplied in-dash evaporator; the radiator mounted condenser, and compressor. The passenger is air conditioning system shall consist of the following.

    Compressor: A second compressor shall be installed on the vehicle engine that is specific to the passenger area air conditioning system. The compressor shall be nominal ten (10) cubic inch displacement.

    Evaporator: Shall be A.C.T. model EZ-5, Trans Air model TA-73, or Carrier Transicold-A/C Industries model EM-1 or RAC RE-20. Airflow shall be a minimum of 1600 CFM at 13.5 volts. A return air filter shall be located at the coil is an easily accessible for maintenance. Evaporator cover shall be constructed of High impact ABS plastic and must be in compliance with FVMSS 302 fire retardant specification standards.

    Condenser: Shall be A.C.T. model CS-3, Trans Air model SMC3L, or Carrier Transicold-A/C Industries model CM-3 or RAC RC-20. Condenser shall be equipped with minimum two (2) permanent magnet ball bearing sealed motors. Each motor shall have a minimum rating of 800 CFM at 13.5 volts. The condenser shall be installed in the skirt of the vehicle on the driver’s side. A minimum sixteen- (16) cubic inches displacement filter drier with a sight glass shall be installed on the condenser. All electrical connections shall be corrosion resistant.

General Air Conditioning Specification: The air conditioning system shall utilize environmentally friendly R-134a refrigerant. Refrigerant hoses shall be double braided barrier types; (type C, Class II) and refrigerant hoses and fittings must be SAE specification J2064 compliant. All air-conditioning hoses, heater hoses, and wiring shall be properly protected. The air conditioning system shall be equipped with high and low-pressure protection. All passenger area air conditioning electronic relays, fuses, and circuit breakers shall be mounted in one location for reliability and ease of repair and cannot be mounted in a location, which exposed to environmental elements.

All air conditioning systems will include, as standard, Carrier Transicold Quick Click or Aeroquip E-Z Clip connectors. Quick or Aeroquip lined hose shall be utilized in all installations. Beadlock fittings and rubber barrier hoses are not acceptable for this application.

Air Conditioning System Performance Criteria: The air conditioning system shall be able to maintain an average interior temperature of seventy five (75) degrees Fahrenheit plus or minus three (3) degrees under the following conditions. The vehicle will be exposed to an exterior temperature of ninety-five (95) degrees Fahrenheit for no less than one (1) hour. At the end of one (1) hour the vehicle will be started, the air conditioning system will be turned on high speed, the engine RPM will be set at a constant 1500 RPM, and the interior temperature will meet the above mentioned seventy five (75) degrees Fahrenheit (plus or minus three (3) degrees Fahrenheit) within thirty (30) minutes while maintaining a ninety five (95) degree Fahrenheit ambient temperature.

The successful bidder will be required to certify the air conditioning system is adequate for the vehicle and able to meet these performance criteria.

65. Fast Idle Switch: The vehicle shall be equipped with a PennTex Industries, Inc. fully automatic high idler device or InterMotive Advanced Fast Idle System. The vehicle shall include a voltage monitor/engine idler. The device will activate automatically when the vehicle is in a discharge situation, the transmission is in Park and the parking brake is applied. The device will also include a manual activation switch. The device will automatically deactivate when the parking brake is released and the vehicle is put in gear.

66. Safety Equipment: The following safety equipment shall be mounted in a location within the vehicle (approved by the Department of Rail and Public Transportation) so as not to interfere with the driver or passenger.

    a. 16unit Virginia Bus First Aid kit, to include the following:
        - (2) Band aids
        - (3) 4” Bandage compress
        - (2) 2” Bandage compress
        - (2) Triangle bandage
        - (2) 4” Gauze compress
        - Bee Sting swabs
        - Zeph chloride swabs
    b. Fire extinguisher, 5# ABC type
    c. Warning triangles, reflective type - (3) units
    d. OSHA approved Body Fluid Clean Up Kit

67. Radio: To be an AM/FM stereo radio with a digital clock feature with a minimum of four (4) speakers.

68. Ambulatory Door: The vehicle shall be equipped with a transit style (double out) front entrance

door, located opposite the driver. The door shall be operated from the driver's seat via a school bus type hand control. Clear center minimum opening width of at least 30" side to side. Door control shall be reinforced with a steel plate at the door and firewall connections. Ambulatory step well will be comparable to door width and shall have a minimum of three steps including the floor surface as one step. To help maintain the integrity of the step well and door frame in the event of a collision, the forward edge of the step well shall be protected by the curbside cab door panel or a device designed to protect the forward edge of the step well. The forward edge of the step well shall not protrude below the attached body panel or protective device.

69. Wheelchair Lift Doors: Double lift doors shall be provided. The doors shall be secured so as not to interfere with the operation of the wheelchair lift. The doors shall be key locked doors. Also, both doors will have a latching device, i.e. one door will not be held closed by the other door. Both doors to include rods that secure the door at the top and bottom of the frame. Exterior handles shall be included on both doors that pivot the latching rods up and down to secure or release the door. Both doors should include windows in the upper sections. Wheelchair lift doors to include a spring type "door open" device, mounted to the interior of the door and the top of the door frame, to hold doors open (gas struts or shocks are not acceptable).

70. Rear Door: The rear door should include upper and lower windows. The rear door will include a spring type device to hold door open.

71. Wheelchair Lift: A Braun Series NCL919FIB or RICON S-SERIES 5005 ADA will be installed and conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.23 Mobility aid accessibility. (b) Vehicle lift - pages 45757 - 45758. The wheelchair lift must conform to FMVSS Nos. 403 and 404. Lift shall be electric-hydraulically operated. All power units, operating joints, linkage and mounting points to the body shall be certified by the manufacture as being adequate for the minimum load requirement. Lift shall be equipped with a manual over-ride to permit lift to be raised or lowered manually in event of power failure or emergency. A passenger handrail shall be provided on both sides of lift platform. A complete set of operating instructions, schematics and a trouble-shooting guide shall be included with each lift.

72. Interlock System: The ADA compliant vehicle interlock system shall be an integral part of the wheelchair lift or a stand-alone interlock. If a stand-alone interlock is utilized, it must be an Intermotive Intelligent Lift Interlock System.

73. Securement Devices: There will be two-wheelchair tie down spaces. (Reference seating diagram) The two securements included will be Sure-Lok FF627S-4C kits including FF627S (4) Retraktors, FE200842 lap belt and FE200732 shoulder belt or pre-approved equal. The wheelchair securement devices will conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.23 Mobility aid accessibility. (d) Securement devices - page 45759. The shoulder belt shall have 12 inches of vertical adjustment.

74. A storage container shall be provided for each securement station to allow clean storage of the system straps and belts when not in use, Sure-Lok part number FE200878 or pre-approved equal. A hand held web cutter shall be provided for each securement station, Sure-Lok part number 8705 or pre-approved equal.

75. Stanchion Bar: Stanchion and grab bars shall be of corrosion steel or equivalent, a minimum of 1-1/4" in diameter and padded. Padding shall be permanently bonded to stanchion and grab bars. Padded stanchion bar shall be installed at side entrance door. Stanchion shall be mounted, floor to ceiling in structural members. Location to be approved by DRPT. Permanently bonded padded grab bars shall be located on top of each forwarded facing aisle seat except front passenger and driver seats and seats at rear door. Passenger assist grab bar(s) shall be securely mounted on both sides of the entrance door (dual door location), to provide additional support while boarding and alighting. The bar(s) shall be a (combined) total of 20 inches in length. Bar(s) to be a minimum

of 1" in diameter. Location to be approved by DRPT. There shall also be floor to ceiling stanchions on either side of the aisle at the entry to the passenger compartment. Both stanchions shall include a horizontal stanchion that attaches to the sidewall. In addition, the curbside stanchion shall include a modesty panel separating the first row of curbside seats from the step well.

76. Doors, Steps and Thresholds: Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.25 Doors, steps and thresholds.

77. Priority Seating Signs: Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.27 Priority seating signs.

78. Interior Circulation, Handrails and Stanchions: Shall conform to the specifications as outlined in the ADA regulations Subpart B-Buses, Vans and Systems, 38.29 Interior circulation, handrails and stanchions.

79. Front End Alignment: Front end alignment to be checked by body manufacturer. Readings to be included with bus.

80. License Brackets: To be installed in front and rear of vehicle.

81. Maintenance Provisions: A description of how and by whom warranty service can be provided is to be included. The vendor will be responsible for all warranties associated with the vehicle. The vendor will act as the first source for performing warranty work. This should cover both mechanical and body work. The manufacturer's warranty covering parts, materials and workmanship shall apply for a minimum period of twelve (12) months or 12,000 miles, whichever occurs first, and this warranty shall include repair and replacement of defective parts and labor. The successful vendor will be required to offer a toll free number to all recipients for warranty inquiries, parts orders and service related questions. The vendor will have personnel available to answer warranty, parts and service inquiries Monday through Friday, 8:00 AM to 5:00 PM, except during Holidays recognized by The Commonwealth of Virginia. All bidders must offer proof of both chassis and body warranty (including bus body, air conditioning and wheelchair lifts) service points within the Commonwealth of Virginia. All bidders will be required to submit documentation (letters from vendors) of the vendors who will do the warranty of both chassis and body (including bus body air conditioning and wheelchair lifts. Service on warranty must be available in at least four areas of Virginia (Northern Virginia Area, Richmond Area, Hampton Area and Roanoke Area).

    The vehicle to be furnished shall conform to all applicable Federal and Motor Vehicle Safety Standards and all equipment shall conform to Title 46.1, Chapter 4, and Article 9 of the Code of Virginia and shall include a valid State Inspection Sticker. Chassis to be a standard proven model of manufacturer's latest current production and include all standard equipment as advertised with additional optional equipment as outlined above. All components, unless otherwise required by these specifications, shall be the standard or optional equipment specifically advertised and installed by the manufacturer including any additional warranties.

    Prior to delivery the vendor must perform new vehicle service preparation. The vendor will provide the Department of Rail and Public Transportation (DRPT) staff five working days notices prior to delivery to inspect the vehicles. The vehicle shall be in acceptable condition upon delivery and will be accepted only by an authorized person designated by the agency. Delivery shall be during normal business hours, i.e. 8 AM - 5 PM, Monday through Friday. Payment will not be initiated until the agency is assured that the vehicle has been delivered in an acceptable condition and everything is working properly. All vehicles must have 30-day tags on delivery to recipient. All vehicles will be delivered to recipient and DRPT will pay .60 cents per mile one way, for delivery past the total mileage from the vendor to Richmond.

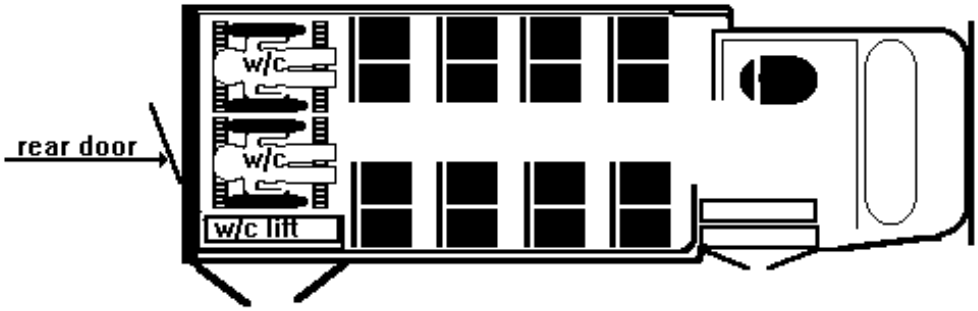
82. Bid Price: All bid prices MUST be firm for a minimum of sixty (60) days from bid opening date.
83. Delivery: Dealer will deliver the vehicle conforming to the above specifications within 150 days after receipt of order.

84. Preliminary invoice: A preliminary invoice must be received at least 30 days prior to delivery to ensure prompt payment.

85. Manufacturing Standards: The successful vendor will represent a body manufacturer that adheres to strict quality guidelines. The manufacturer represented by the successful vendor will guarantee that all production, manufacturing and monitoring processes are in compliance with ISO9001:2000 quality system requirements.

86. Federal conditions of Manufacturer/Vendor: The attached federal conditions of Manufacturer / Vendor must be completed with bid package.

SEATING CHART



19 Passenger BOC Model 2010

Contract # 7600-10B
Contract period: September 15, 2009 through September 14, 2010

PRICE SHEET

1. **Base Brice:** Ford E450 / Startrans chassis, gasoline engine **$ 45,378.00/EA**

OPTIONS FOR 19 PASSENGER BOC –GASOLINE ENGINE

1	Add 34 inch two passenger foldaway vertical flip seat in the wheelchair securement area.	$525.00
2	Add a standard two passenger flip seat on the back wall and a two passenger foldaway seat at the second seating position from the roadside rear in the wheelchair securement area.	$780.00
3	Driver side exhaust	$165.00
4	Skirt mounted, slide out battery tray.	$250.00
5	Strobe lights (2), one each roof mounted at front and rear caps. Strobes to be Specialty Model 205 mini strobe (2.25” high) or equal.	$435.00
6	Sure-Lok Retractor Solo System. Kit No. FF660S-4C- per kit	$160.00
7	Sure-Lok Kit No. FE576 (two) vs. standard retractable securements	$0
8	Sure-Lok Retractor solar cleat and anchor fittings vs. standard securement.	$160.00
9	Q-Straint model Slide “N” Click Part No. Q8-6200-SC a special floor pocket design for third securement.	$175.00
10	The Q-Straint QRT Q-8100-A Deluxe Retractable Securement System (two) that features self-locking and self-tensioning can be mounted in various applications and sits 45 degree angle once mounted vs. standard securement.	$375.00
11	Front help bumper	$685.00
12	Rear help bumper	$565.00
13	200 amp alternator	$950.00
14	Floor access panel to fuel pump	$130.00
15	Heated mirrors	$140.00
16	Folding arm rests	$20.00
17	Adjustable head rests	$60.00
18	ABS seat backs	$45.00
19	Electrically operated entry door vs. manual	$375.00
20	PA system with interior and exterior speakers	$245.00
21	Front roller type destination sign (25 stations)	$675.00
22	Side roller type destination sign (25 stations)	$675.00
23	Destination sign lettering (per placement, per sign)	$25.00
24	Driver’s locking document box.	$175.00
25	Diamond Model D fare-box with two vaults.	$1425.00
26	Shop manuals	$250.00
27	C.E. White Co. L-Series or Freedman integrated child restraint seats - 17”	$495.00
28	C.E. White Co. L-Series or Freedman integrated child restraint seats - 34	$975.00
29	Chassis rear leaf spring hangers and shackles shall be replaced with a hanger and rubber spring assembly (MOR/ryde “RL”) rear suspension system.	$735.00

30	Level four seat covering – per seat	$25.00
31	Level five seat covering – per seat	$35.00
32	Level six seat covering – per seat	$40.00
33	Fuel sending unit access door in bus body floor	$130.00
34	Reclining passenger seats – each	$35.00
35	Lexan driver's privacy shield	$185.00
36	Pull cord next stop signal system (audible and visual per ADA)	$525.00
37	Spare tire carrier	$85.00
38	30" x 42" interior baggage rack	$525.00
39	Delete rear door (CREDIT)	$(250.00)
40	Electrically operated entry door vs. manual	$375.00
41	Standee straps	$45.00
42	Overhead interior parcel bins	$625.00
43	Bullet style reading lights – each	$25.00
44	Daytime running lights – Ford only	$75.00
45	Exterior handles on both lift doors	$0
46	Reflexite reflective tape package (egress windows and body outline)	$225.00
47	Alarm and warning light signaling lift door open	$85.00
48	Sportworks DL2 bike rack. Part No. 100352, installed	$1275.00
49	LED rear taillights stop and turn with clear non-LED backup light.	$345.00
50	LED side mounted turn signals	$185.00
51	LED upper mounted brake light vs. standard	$65.00
52	LED clearance lights vs. standard	$435.00
53	Luminator Horizon front and side electronic destination signs.	$8125.00
54	Twin Vision front and side electronic destination signs	$9600.00
55	Alcoa aluminum wheels – package	$1500.00
56	Child "Checkmate" system	$215.00
57	DURA TRANS programmable overdrive controllers DT301	$495.00
58	DURA TRANS programmable overdrive controllers DT401	$495.00
59	Freedman (driver) sport seat for a Ford (36820) and Chevrolet (36041)	$325.00
60	Freedman (driver) Magnum 200 recliner seat with right armrest.	$835.00
61	Freedman (driver) CL-67 seat	$1105.00
62	Radio system with cassette player	$50.00
63	Radio system with CD player	$215.00
64	Altro safety vinyl flooring	$685.00
65	Echovision obstacle detection system rear mounted or equal	$435.00
66	Vanner's automatic throttle control system	$0
67	Two (2) web cutters	$0
68	Ricon KlearVue ADA lift	$395.00
69	Braun Vista ADA lift	$315.00
70	Delete wheelchair accessibility package (CREDIT)	$(1850.00)
71	Add standard ambulatory seat, per seat. (ambulatory seat and option to match seats in vehicle)	$155.00
72	Model 1529 seven day digital timer for coolant heater	$215.00
73	Bus to include rooftop ground plane and a conduit with a pull wire and interior access door for antenna installation	$155.00
74	Add 34" two passenger notchback foldaway vertical flip seat in the wheelchair securement area	$575.00
75	Add Freedman Tie Down Storage System (TDSS) to bottom of foldaway seat	$75.00
76	Sure-Lok Titan high performance retractable securement system vs. standard	$150.00
77	Transpec Model # 1175 low profile roof hatch with non-closing static exhaust vent vs. standard	$145.00

Options: Unless an option is specifically identified in the bid as a dealer installed option, all options shall be factory installed. Further if the factory installed option includes more features than specified in the bid, the additional features shall be considered as required by the resulting contract.

Vehicle to be furnished shall conform to all applicable Federal and Motor Vehicle Safety Standards and all equipment shall conform to Title 46.2, Chapter 10, of the Code of Virginia and shall include a valid State Inspector Sticker. No dealer identifications such as sticker, decal, metal emblem and so forth will be accepted on automobiles furnished under this contract.

New vehicle preparation must be performed by dealer prior to delivery. Include in bid the cost of usual pre-delivery inspections.

Warranty: Ford Motor Company
Bumper to Bumper - 3/36,000
Safety Restraint System - 5/50,000
Corrosion (Perforation) - 5/Unlimited
6.0L/7.3L Power stroke Diesel Engine - 5/100,000

Colors: All Vehicles shall be available in any of the manufacturer's standard colors.

Taxes: No Federal Tax is to be included in bid, including tires. Tax Exemption Registration number will be furnished.

License: Thirty day license tags shall be furnished with the vehicle.

Title Papers: All papers for titling purposes shall be delivered with the vehicle.

Delivery: Vehicles shall be delivered to the various state agencies, cities, counties, towns, and political subdivisions throughout the State as required.

For bidding purposes only, quote delivery to 1111 East Broad Street, Richmond, Virginia 23219.

The ordering entity will pay .60 cents per mile for mileage in excess of the distance from the dealer's location to 1111 E. Broad Street, Richmond, Virginia 23219. A .60 cents per mile credit will apply if the distance is less than the mileage to 1111 East Broad Street. Mileage will be determined based on Yahoo.com, (map, driving direction). Mileage shall be calculated between the dealer's address and the delivery address. Delivery will be accepted between the hours of 8:15am and 4:30pm, Monday through Friday, except holidays.

ORDERING: The parties agree that all orders issued under this contract by the Ordering Agency shall be processed through eVA. Orders against this contract which are not processed through eVA are not in compliance with the terms and conditions of this contract and Contractors receiving such non-eVA orders shall request the Ordering Agency to resubmit the order through eVA. If the contractor accepts an order under this contract, where the order has not been processed through eVA, the contractor will be in breach of contract. If an Ordering Agency issues an order which is not processed through eVA, but purports to be authorized by this contract, the Ordering Agency employees may be found in violation of Section 2.2-4376 of the Code of Virginia. Section 2.2-4376 prohibits public employees from knowingly making false statements or misrepresentations, and from using documents known to contain false statements or misrepresentations.

CONFIRMATION: Dealers awarded items against this contract are required to send the ordering agency an electronic confirmation of receipt of the order. This applies to all orders issued against this contract. This information must be completed within 10 days after receipt of order and must indicate the date the order was placed with the manufacturer. Confirmations should be emailed to the **"Ordering Person"** address shown on the order and to the attention of the contact person listed.

PURCHASE VOLUME AND DOLLAR REPORT: The contractor shall provide the Division of Purchases and Supply (DPS) a quarterly contract usage report **Attachment B**. This report shall reflect the vehicle orders placed against the contract for the respective quarter. The Contractor must remit the report within 15 days after the end of each quarterly reporting period.