



INVITATION TO BID

FINANCE DEPARTMENT

GREGORY N. L'HEUREUX
Finance Director

KRISTIE BRADBURY
Deputy Finance Director

COLLEEN C. SELBERG
Purchasing Agent

78 PASSENGER CONVENTIONAL SCHOOL BUSE

Sealed bids for furnishing the City of South Portland School Department with a 78 Passenger Bus as specified below, in the specifications and in the attached proposal will be received by the City Purchasing Agent, Room 105, City Hall, 25 Cottage Road, South Portland, Maine until **2:00 P.M., Tuesday, December 2, 2014** at which time they will be publicly opened and read aloud. Proposals received after the above stated date and time will not be considered.

Bids shall be submitted on the attached bid form in sealed envelopes, plainly marked "Bid #14-15 for 78 Passenger Bus" and shall be addressed to the Purchasing Agent at the above address.

Delivery to be made upon receipt of purchase order and shall be F.O.B., School Transportation Department, 1142 Highland Avenue, South Portland, Maine. Questions regarding the specifications may be made by contacting Craig Worth, Director of Transportation, at (207) 767-7714.

Bidder will state in his bid the name and model number of the equipment he is offering and will include with his bid a catalog or brochure marked to indicate the standard factory equipment of the model on which he is bidding. Bidder must attach a separate sheet to his bid listing any deviation from the minimum specifications shown. If no attachment is provided it will be assumed that the item being bid meets the minimum specifications.

If the equipment offered by a bidder under the attached specifications meets the specifications except for minor factors or reasonably small amounts in dimensions, and if it shall be determined by the City that these minor variations from the specifications do not prevent the equipment being bid from performing as satisfactorily or from being as good as equipment fully meeting these specifications, then these minor variations from the specifications may be waived by the City, if it deems it to be to its advantage, and the equipment with the waived variations in specifications will be accepted as fully meeting these specifications.

Since a prompt delivery is needed, delivery time as well as price may be made a factor in determining the award of this bid.

Price shall include a fourteen day plate and State of Maine Certificate of Title which shall be made out to the City of South Portland, Maine and mailed to the Purchasing Agent, P. O. Box 9422, South Portland, ME 04116-9422. A copy of the title application is to be delivered with the vehicle.

It is the custom of the City of South Portland to pay its bills within 20 to 30 days following delivery of and receipt of bills for all items covered by the purchase order. In submitting bids under attached specifications, bidders should take into consideration all discounts, both trade and time, allowed in accordance with the above payment policy. All bidders should quote net prices, therefore, exclusive of all Federal Excise Taxes.

The City of South Portland reserves the right to waive all informalities in bids, to accept any bid or to reject any or all bids should it be deemed in its best interest to do so. Except as otherwise required by law or as specifically provided to the contrary herein, the award of this bid shall be governed by the City's purchasing ordinance.

Colleen C. Selberg

Purchasing Agent

Mailing address: P.O. Box 9422, South Portland, ME 04116-9422
Telephone (207) 767-3201, Fax (207) 767-7620

BID SPECIFICATIONS FOR ONE 78 PASSENGER CONVENTIONAL SCHOOL BUSES

Bidders must certify that the school buses proposed meet and / or exceed all Federal, State of Maine and South Portland School Department specifications and standards. Any bids that do not meet the criteria outlined in the bid proposal must be submitted as an alternate bid and must clearly document the variations from the requested bid specifications. The South Portland School Department reserves the right to accept or reject any and / or all bids and make their final decision based upon what is in the best interest of the South Portland School Department and the local taxpayers. Warranty, product service, delivery date and other applicable criteria in the interest of the South Portland School Department will be determining factors and will be considered prior to making a final decision. All bids are subject to final approval and the required passing of the budget by the South Portland School Department electorate.

CHASSIS:

1. **Model:** 2015 or current production year Type "C" conventional.
2. **G.V.W.R.:** 33,000 lbs.
3. **Wheel Base:** Minimum 273 inches or manufacturer standard to meet 81 passenger length body FMVSS 78 passenger seat configuration.
4. **Engine:** In-line six cylinder high torque diesel engine, turbo-charged with air to air after cooler, rated at 220 h.p. Minimum torque rating of 520 ft. lbs. @ 1600 RPM, corrosion resistor, fully on/off clutch fan, magnetic drain plug, OEM heated fuel / water separator, electric high idle, 750 watt block heater, antifreeze good to - 40 degrees. Cruise control with a top speed setting of 75 m.p.h.
5. **Cowl and Front End:** Minimum 80 degree fiberglass tilt front end with integral splash guards. Hood tilt assist springs, double faced fender mount turn signals, halogen head lamps, integral parking lights and the top of the hood painted non-glare black. Snap on winter front.
6. **Brakes:** ABS dual air brake system with 16.5 in. x 5 in. S-cam front and 16.5 in x 7 in. cam rear drum linings, automatic slack adjusters, 13.2 CFM air compressor, spin on cartridge BENDIX ADIP heated air dryer, dual reading air gauge. MGM 30 sq. in. spring actuated parking brake.
7. **Transmission:** Allison PTS 2500 5 speed automatic with external filter.
8. **Front Axle:** 12,000 lb. with 40 - 45 degree turning radius and 10,000 lb suspension.
9. **Rear Axle:** 23,000 lb. single reduction with magnetic drain plug and 23,000 lb. air ride suspension.
10. **Shock Absorbers:** H.D. on front and rear.
11. **Tires:** Six 11 R 22.5 Goodyear G661 tubeless steel radial steer tires with summer highway thread.
12. **Wheels:** Seven 22.5 x 8.25 Single Centered Hub piloted disc wheels.
13. **Batteries:** Three C-31, mounted in frame battery box with battery shut off switch.
14. **Alternator:** 240 amp.
15. **Steering:** Full integral power with gear driven pump and 18 in. diameter wheel. Tilt telescopic steering wheel.
16. **Fuel Tank:** 60 gallon with FMVSS cage and sending unit access plate in bus floor. Floor cut to allow access for tank removal.
17. **Instruments:** Voltmeter, amp meter, oil pressure, water temp, fuel level gauge, high water / low oil pressure warning light / buzzer, tachometer, English electronic speedometer and primary and secondary air pressure gauges.
18. **Tow Hooks:** Set of four (4), two on front and two on rear attached frame rails.
19. **Driveline:** SPL90 series nylon coated slip joint splines and prop shaft guards.
20. **Exhaust System:** Heavy Duty aluminized steel exhaust pipes with aluminized steel muffler and Heavy Duty steel aluminized tail pipe.
21. **Frame:** OEM
22. **Chassis Warranty:** to cover all defects in materials, workmanship and labor under normal use and service within the following express time limits:
 - A. Minimum two year on entire chassis, excluding tires and light bulbs.
 - B. Minimum five years on transmission, axles, driveline and rear end
 - C. Minimum five years on frame rails, cowl structure and cowl perforation due to corrosion.
 - D. Minimum five years on diesel engine.

ALL THE ABOVE SHALL NOT BE LIMITED DUE TO ACTUAL MILEAGE ON THE BUS AT THE TIME OF THE CLAIM.

BODY:

1. **Construction:** FMVSS approved.
2. **Rear Bumper:** OEM standard
3. **Dimensions:** ninety six inch exterior width, ninety inch interior width, minimum 77 inch headroom.
4. **Rustproofing:** Body complete. Floor and skirts to be done before body is mounted to the chassis. Undercoating all body panels and frame to be primed with a rust inhibiting primer prior to assembly.
5. **Entrance Door:** Air operated two leaf outward opening with adjustable pressure regulator, head bumper pad and hinges with grease fittings. An access panel over door for door cam adjustment. Key locking vandal lock system.
6. **Emergency Door:** OEM rear center meeting FMVSS standards with vandal lock system.
7. **Drip Moldings:** Formed in roof over the side and rear widows.
8. **Windshield:** OEM standard equipped windshield.
9. **Windshield Wipers:** OEM dual heavy duty two speed with intermittent feature, sixteen inch arms and eighteen inch wiper blades.
10. **Windshield Washers:** Wet arm electric type with one-gallon reservoir capacity.
11. **Outside Mirrors:** Set of two remote control, heated mirrors with fifteen minute timer.
12. **Inside Mirrors:** One six inch by thirty inch non glare mirror with six inch by thirty inch tinted plexi-glass see through visor.
13. **Seating:** Seventy eight passenger with seat belt ready seats and first two rows (4 seats) with C.E. White or equivalent integrated child safety restraint seats. NOTE: 81 passenger length body shell configured for 78 passenger seat configuration.
14. **Heating System:** Minimum dual 80,000 underseat Baseboard Convection.
15. **School Bus Signs:** Black Retro Reflective Backing "SCHOOL BUS" front and rear with interior hinged front access compartment.
16. **Lettering:** Six inch local destination, three inch capacity and eight inch numerical designation. Local destination is SOUTH PORTLAND SCHOOL DEPARTMENT.
17. **Insulation:** OEM meeting FMVSS and acoustic sound abatement headliner over drivers area and the entire roof length of passenger area.
18. **Floor:** RCA rubber in accordance with FMVSS and State of Maine School Bus Standards.
19. **Electrical Panel:** OEM meeting all FMVSS requirements.
20. **Fuel Filler Door:** required with spring loaded hinge and cylinder lock. Fuel tank sending access unit access cover plate in bus floor.
21. **Mud Flaps:** Full length twenty two inch wide mud flaps at rear and twenty two inch wide mud flaps in front. Rubber stone shield cowl protectors mounted on corners of front body
22. **Safety Equipment:** a sixteen unit first aid kit. A five pound dry chemical fire extinguisher, a set of three triangles, seat belt cutter and one set of wheel chocks. All equipment installed in locking safety equipment box located over drivers side window and over windshield.
23. **Static Ventilators:** Non closing type located in first roof section behind the driver and rear most roof section.
24. **Interior Side Body Panels:** Mar proof galvanized steel below windows to reduce vandalism and scratch marks.
25. **Eight Light System:** Set of eight, seven inch strobe LED sealed beams. Four at each end equipped with a hood with the area around the light to be painted glossy black. Flasher to be WELDON solid state with a ten year warranty.
26. **Stop Sign:** one air operated, located left side front with red alternating flashing LED sealed beams.
27. **Directional Signals:** Dual seven inch amber LED at rear belt line plus LED armor type on body sides.
28. **Stop Lights:** Dual seven inch red LED at belt line plus dual four inch stop / tail combination with plate light indicator approximately twelve inches above the bumper.
29. **Back Up Lights:** Dual seven inch clear mount LED at belt line with 112 dB back up horn / alarm.
30. **Interior Lights:** Set of six dome lights in passenger area centered over seats on each side and activated by a single switch. A separate dome light located over driver area and activated by a single

separate switch. Exterior walk and step well lights to be activated by entrance door control. One red ICC tell light over rear emergency door.(LED lights as option)

31. **Clearance / Marker Lights:** LED, As per FMVSS with all front fixtures to be equipped with steel branch guards.
32. **Side Windows:** Split aluminum sash with tempered glass and clear openings of at least nine point two five inches. A minimum of two windows on each side are to be equipped as emergency push out exits.
33. **Thermo-Pane Glass:** Drivers double window, all entrance door glass and the first passenger window curbside are to be thermo-pane glass.
34. **Step Well:** Three step model with plus / minus nine inch risers. Assist grab rails mounted on each side and a three inch step light to activate when door is opened. Mar proof paneling in complete stair well area to reduce scuffing and an outside door walk light to be activated with door control switch.
35. **Roof Escape Hatch:** set of two with built in adjustable ventilator equally spaced in the passenger area.
36. **A.M. / F.M. & P.A.:** Stereo model with eight, five inch ceiling mounted speakers equally spaced in passenger area.
37. **VHF 2-way Radio:** Motorola 45watt with base loaded gain antenna programmed the South Portland School Bus frequency
38. **Video Recording System:** SD Card, solid state video/audio recording system with three cameras. One front, one rear mount and one stop sign mounted for red light violators.
39. **Light Monitor:** Doran or Elmo sixteen light monitor for all overhead warning lights and all lights located at rear belt line.
40. **Shoulder Rails:** Full length on both sides below windows to be covered with matching Kelvar-Aramid fire block upholstery.
41. **See II Air Foil:** Located on rearmost roof section.
42. **Reflective Markings:** As per FMVSS around the perimeter of all emergency exits, rear outline of body and at floor level on both sides of bus.
43. **Dual Air Horns:** Located on left front above drivers side windows and activated on a separate switch.
44. **Daytime Running Lights:** Buses to be equipped with daytime running lights.
45. **Body Warranty:** Covers all defects in materials, workmanship, labor under normal use and service. Under the following time limits:
 - Minimum Five Years:**
 - A. Basic body structural components.
 - B. Paint adhesion
 - C. Seat and barrier frames.
 - Minimum two years after in service date:**
 - A. All other original components manufactured by the body company.
 - Minimum one year after in service date:**
 - A. All components supplied to the body company by outside vendors, excluding light bulbs.**All the above shall not be limited due to actual mileage on the bus at the time of the claim.**
46. **Shop Manuals:** A complete set of shop manuals on CD of all components of the bus – Body and mechanical.
47. **Delivery Date:** All buses will include an in service delivery date to South Portland School Transportation Department.

PROPOSAL

The UNDERSIGNED hereby proposes to furnish a 78 Passenger Bus to the South Portland School Department, F.O.B., 1142 Highland Avenue, South Portland, Maine, with delivery to be made upon receipt of purchase order, in accordance with the attached Invitation to Bid, the following specifications, and at the following prices and delivery times:

Item Description

- 1. 78 Passenger Bus as described above.

Price \$ _____

Make, Model # & Grade _____

Delivery Time _____

Warranty _____

Signed: _____

(Corporation, Firm or Company)

By: _____

(Officer, Authorized Individual or Owner)

Title: _____

Mailing

Address: _____

Zip Code: _____ Date: _____

Telephone: _____ Fax: _____

Email: _____

NOTE: Bids must bear the handwritten signature of a duly authorized member or employee of the organization making the bid.