



## INVITATION TO BID

FINANCE DEPARTMENT

GREGORY N. L'HEUREUX  
Finance Director

COLLEEN C. SELBERG  
Purchasing Agent

### Bid #24-19

#### ONE (1) TYPE "C" SCHOOL BUS WITH WHEELCHAIR LIFT

Sealed bids for furnishing the City of South Portland School Department with One (1) Type "C" School Bus with Wheelchair Lift as specified below in the specifications and in the attached proposal will be received by the City Purchasing Agent, 25 Cottage Road, South Portland, Maine until **2:00 P.M., Wednesday, December 5, 2018** 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 #24-19 for One (1) Type C School Bus with Wheelchair Lift" 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 Lisa Gadway, 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.

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

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*



		Specification	Meets or Exceeds Spec (Mark with "X")	Describe How, If at All, Exceeds Specification	Does not Meet Spec (Mark with "X")	Describe How Does Not Meet Specification
<b>CHASSIS:</b>						
1.	Model	2019 or current production year Type "C" conventional				
2.	G.V.W.R.	33,000 lbs minimum requirement				
3	Wheel Base	Minimum 273 inches or manufacturer standard to meet 66 passenger length body FMVSS 66 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				
	" "	Minimum torque rating of 600 ft. lbs.				
	" "	Head 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 minus 40 degrees				
	" "	Cruise control with a top speed setting of 75 m.p.h.				
	" "	2017 emissions requirements				
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				

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	" "	Halogen head lamps				
	" "	Integral parking lights				
	" "	Top of the hood painted non-glare black				
	" "	Snap on winter front				
6.	Brakes	ABS dual air brake system with 16.5 inch x 5 inch S-cam front and 16.5 inch x 7 inch 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 square inch spring actuated parking brake				
7.	Transmission	Allison PTS 2500 5 speed automatic with external filter.				
8.	Front Axle	Front air ride suspension, 10,000 lb minimum requirement				
9.	Rear Axle	Rear air ride 23,000 lb suspension				
10.	Shock Absorbers	Heavy Duty on front and rear.				
11.	Tires	Six 11 R 22.5 Goodyear G661 tubeless steel radial steer tires with summer highway thread				

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	" "	Spare tire and wheel included				
12.	Wheels	Seven 22.5 x 8.25 inch 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 inch diameter wheel				
	" "	Tilt telescopic steering wheel				
16.	Fuel Tank	100 gallon with FMVSS cage and sending unit access plate in bus floor				
	" "	Floor cut to allow access for tank removal				
17.	Instrument Package	Voltmeter				
	" "	Amp meter				
	" "	Oil pressure				
	" "	Water temperature				
	" "	fuel level gauge				
	" "	High water/low oil pressure warning light/buzzer				
	" "	Tachometer				
	" "	English electronic speedometer				
	" "	Primary and secondary air pressure gauges				

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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 alumunized steel exhaust pipes with aluminized steel muffler and heavy duty stanless steel tail pipe				
21.	Frame	OEM				
	<b>BODY:</b>					
1.	Construction	FMVSS approved.				
2.	Rear Bumper	OEM standard				
3	Dimensions	96 inch exterior width				
	" "	90 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 including frame and fuel tank 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				
	" "	Hinges with grease fittings				

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	" "	Access panel over door for door cam adjustment				
	" "	Key locking vandal lock system				
	Lift Door	Rear right hand side				
6.	Emergency Door	OEM rear exit meeting FMVSS standards with vandal lock system				
7.	Drip Mouldings	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				
10.	Windshield Washers	Wet arm electric type with one-gallon reservoir capacity				
11.	Outside Mirrors	Set of two remote control mirrors				
	" "	Heated with fifteen minute timer				
12.	Inside Mirrors	One 6 inch by 30 inch non glare mirror with 6 inch by 30 inch tinted plexi-glass see through visor				
13.	Seating	Should be 66 passenger length body shell configured for 66 passenger seat configuration				
	" "	Seat belt ready seats for all seats				
	Wheel Chair	Track seating for seat removal to allow for three (3) wheel chair tie down stations. First four (4) rows with C.E. White child restraint seats.				



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	Lift	Braun 1,000 lb lift				
14.	Heating System	Minimum dual 80,000 BTU underseat floor mount (one on LH front and one on RH front)				
15.	School Bus Signs	Black Retro Reflective Backing "SCHOOL BUS" front and rear with interior hinged front access compartment				
16.	Lettering	6 inch local destination, 3 inch capacity and 8 inch numerical designation. Local destination is SOUTH PORTLAND SCHOOL DEPARTMENT.				
17.	Insulation	OEM meeting FMVSS and acoustic sound abatement headliner over driver's area and the entire roof length of passenger area				
18.	Floor	OEM standard 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				
	" "	Access cover plate in bus floor for fuel tank sending unit				
21.	Mud Flaps	Full length 22 inch wide mud flaps at rear and 22 inch wide mud flaps in front				
	" "	Rubber stone shield cowl protectors mounted on corners of front body				
22.	Safety	First aid and body fluid kits				

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	Equipment	A five pound dry chemical fire extinguisher				
	" "	A set of three triangles				
	" "	Seat belt cutter				
	" "	One set of wheel chocks				
	" "	All safety equipment installed in locking safety equipment box located over driver's side window and over windshield				
23.	Static Ventilators	Non closing type located in first roof section behind the driver				
	" "	Non closing type located in 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 8, 7 inch strobe LED sealed beams				
	" "	4 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	1 air operated, located left side front				
	" "	Sign has red alternating flashing LED sealed beams				
27.	Directional Signals	Dual 7 inch amber LED at rear belt line				

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	" "	Also LED armor type on body sides				
28.	Stop Lights	Dual 7 inch red LED at belt line				
	" "	Also dual 4 inch stop/tail combination with plate light indicator approximately twelve inches above the bumper				
29.	Back-Up Lights	Dual 7 inch clear mount LED at belt line				
30.	Back-Up Alarm	112 dB back up horn/alarm				
31.	Interior Lights	Set of 6 dome lights, ideally LED, in passenger area centered over seats on each side and activated by a single switch				
	" "	A separate dome, ideally LED, light located over driver area and activated by a single separate switch				
	" "	Exterior walk and step well lights (ideally LED) to be activated by entrance door control				
	" "	One red ICC tell light over rear emergency door (ideally LED)				
32.	Clearance/Marker Lights	LED, as per FMVSS, with all front fixtures to be equipped with steel branch guards				
33.	Side Windows	Split aluminum sash with tempered glass and clear openings of at least 9.25 inches (Tinted windows preferred)				
	" "	A minimum of two windows on each side are to be equipped as emergency push out exits				

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34.	Thermo-Pane Glass	Driver's double window, all entrance door glass and the first passenger window curbside are to be thermo-pane glass				
35.	Step Well	3 step model with plus/minus 9inch risers				
	" "	stainless steel stepwell				
	" "	Assist grab rails mounted on each side				
	" "	3 inch step light to activate when door is opened				
	" "	Mar proof paneling in complete stair well area to reduce scuffing				
	" "	1 outside door walk light to be activated with door control switch				
36.	Roof Escape Hatch	Set of 2 with built in adjustable ventilator equally spaced in the passenger area				
37.	A.M./F.M. Radio and P.A.	Stereo model with 8, 5 inch ceiling mounted speakers equally spaced in passenger area				
38.	VHF 2-Way Radio	Kenwood 45 watt with base loaded gain antenna programmed with a South Portland School Bus frequency				
39.	Video Recording System	REI digital camera system				
	" "	Contact Yankee Communications for quote (207-453-4200)				
		Intentionally left blank				

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40.	Light Monitor	Doran or Elmo 16 light monitor for all overhead warning lights and all lights located at rear belt line				
41.	Shoulder Rails	Full length on both sides below windows to be covered with matching Kelvar-Aramid fire block upholstery				
42.	See II Air Foil	Located on rearmost roof section				
43.	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				
44.	Dual Air Horns	Located on left front above drivers side windows and activated on a separate switch				
45.	Daytime Running Lights	Equipped with daytime running lights				
<b>WARRANTIES:</b>						
1.	Chassis Warranty	Warranty to cover all defects in materials, workmanship and labor under normal use and service within the following express time limits (WITH NO LIMIT DUE TO ACTUAL MILEAGE ON THE BUS AT TIME OF CLAIM):				

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	" "	<b>A.</b> Minimum two year on entire chassis, excluding tires and light bulbs				
	" "	<b>B.</b> Minimum five years on transmission, axles, driveline and rear end				
	" "	<b>C.</b> Minimum five years on frame rails, cowl structure and cowl perforation due to corrosion				
	" "	<b>D.</b> Minimum five years on diesel engine				
2.	Body Warranty	Warranty to covers all defects in materials, workmanship, labor under normal use and service within the following express time limits (WITH NO LIMIT TO ACTUAL MILEAGE ON THE BUS AT TIME OF CLAIM):				
	" "	<b>A.</b> Minimum five years on basic body structural components				
	" "	<b>B.</b> Minimum five years on paint adhesion				
	" "	<b>C.</b> Minimum five years onseat and barrier frames				
	" "	<b>D.</b> Minimum two years after in-service date on all other original components manufactured by the body company				
	" "	<b>E.</b> Minimum one year after in-service date on all components supplied to the body company by outside vendors, excluding light bulbs				

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<b>MISC:</b>						
1.	Shop Manuals	A complete set of shop manuals on CD of all components of the bus – Body and mechanical.				