

**TOWN OF ARLINGTON
MASSACHUSETTS
PURCHASING DEPARTMENT**

INVITATION TO BID

BID NO. 17-19

Sealed bids, pursuant to the Uniform Procurement Act, Ch. 30B, are invited and will be received by the Town Manager, Town of Arlington, Massachusetts, until **10:00 A.M., Monday, May 1, 2017**, at the Office of the Purchasing Director, 730 Massachusetts Avenue, Arlington, Massachusetts, at which time and place they will be publicly opened and read for furnishing:

TYPE "C" (71 PASSENGER) SCHOOL BUS

Proposals must be submitted on forms provided and in a sealed envelope plainly marked:

BID ON: TYPE "C" (71 PASSENGER) SCHOOL BUS, Monday, May 1, 2017, 10:00 A.M., BID #17-19

Certificate of Non-Collusion form must be submitted with bids in order to be considered.

For further information please contact Domenic R. Lanzillotti, Purchasing Officer @ (781) 316-3003.

The Town Manager reserves the right to cancel any Invitation for Bid and/or to reject in whole or in part any and all bids, when it is deemed in the best interest of the Town to do so.

TOWN OF ARLINGTON

Adam W. Chapdelaine
Town Manager

April 11, 2017

Town of Arlington

**BID #17-19
PROPOSAL PAGE**

Type "C" (71 Passenger) School Bus

In the spaces provided below, please show your bid for one (1) each Type "C" (71 Passenger) School Bus per attached specifications.

Vendor must state model bid and submit descriptive literature.

1. TYPE "C" (71 PASSENGER) SCHOOL BUS \$ _____

MODEL: _____

TRADE-IN ALLOWANCE: one 2006 Bluebird VISION 42 \$ _____
passenger type C conventional style school bus with a
wheelchair lift V.I.N. # 1BAKBACKH56F232391 with
approximately 94,937 miles .

TOTAL BID PRICE: \$ _____

ESTIMATED DELIVERY TIME FROM DATE OF NOTIFICATION:
_____ DAYS

Signature _____

Company _____

Business Address: _____

Telephone _____ Fax _____

Email _____

Date _____

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity, or group of individuals.

(Signature of individual submitting bid or proposal)

(Name of individual submitting bid or proposal)

Name of Business

Date

Pursuant to M.G.L. Chapter 62C, Section 49A, I certify under the penalties of perjury that I have complied with all laws of the commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

Social Security Number or
Federal Identification Number

Signature of Individual or Responsible
Corporate Officer and Title

**NON-COLLUSION FORMS
MUST BE SIGNED AND
SUBMITTED WITH BID**

Bid Specifications and Requirements
For One Type “C” (71 Passenger) CONVENTIONAL STYLE School
Bus Specifications
Capacity 54 ambulatory and 1 wheelchair
2018 model year or newer

Whenever, in these bid specifications, any equipment or materials described by the use of a proprietary product, or by using the name of a specific manufacturer or vendor, the term “approved or equal” if not stated will be implied.

School Bus shall be equipped with a Motorola two way radio provided, serviced and installed by the current contract bidder to the Town of Arlington. Current contractor C & G Radio, Waltham Mass. (781) 230-9700

The total contract price should include body and chassis completely assembled, including all specified equipment and accessories contained in this bid ready for turn-key operation.

The vehicle shall be lettered on both the appropriate left and right center panels to read: “ARLINGTON PUBLIC SCHOOLS” and also identified on the front, rear and roof panels with the number “106”. Also all other body decals included shall comply with current Massachusetts State regulations.

Also to be included in the price of this bid will be a trade in allowance for one 2006 Bluebird VISION 42 passenger type C conventional style school bus with a wheelchair lift V.I.N. # 1BAKBCKH56F232391 with approximately 94,937 miles .

All equipment and accessories must comply with all Federal and Massachusetts State laws governing motor vehicles and school bus regulations at the time of delivery.

Bid Specifications/Bid Specification Exception Sheet

**71 Passenger Size- Type C School Bus Specifications
Capacity 54 ambulatory and 1 wheelchair**

The bus to be bid must be a **2018 model year or newer**.

Each bidder must state to the right of the listed specifications the compliance details that pertain to the unit bid indicating size, quality, range and information as necessary to determine unit quality. Bidders' specifications **must meet** or exceed minimum specifications and must be listed in detail to be considered to be qualified bidder. All Chassis specifications shall meet or exceed those specifications as set forth by the State of Massachusetts and must meet all Massachusetts minimum school bus standards.

<u>Body Specifications</u>	<u>Minimum Bus Body & Chassis Specifications</u>	<u>Vehicle Specifications Bid On</u> (Indicate "same", "yes" or explain exception)
Barriers	(2) 39" passenger restraining barriers conforming to FMVSS 222 with kick plate	<hr/>
Battery Box	Chassis mounted battery box with slide out tray	<hr/>
Body Panel	<u>Exterior</u> Full 20-gauge reeded side panels <u>Interior</u> 22-gauge Galvalume <u>TM</u> panels from belt line to seat rail	<hr/>
Bumper	<u>Front</u> Chassis supplied <u>Rear</u> Full width of body and wrap around. Pressed deep concave steel. 3/16" thick x 9 3/4" high	<hr/>
Color	<u>Exterior</u> National School Bus Chrome Yellow (high solids polyurethane) black wheels, window guard rail & rear bumper painted black <u>Interior</u> Light gray panels. All spray on & high-baked enamel flat black trim.	<hr/>
Cowl Steps	Folding steps & painted handles on cowl for cleaning windshield. Pair	<hr/>
Defroster	Included with chassis air management system.	<hr/>
Door-Emergency	(2) glass type located center rear with slide bar lock, buzzer signal, recessed handle. . 4" header pad upholstered with black 42 oz. Proform fire block material . Upper glass 622 sq. in. . Lower glass 398 sq. in.	<hr/>
Lift door	Interior red light at emergency door 50" right side rear wheelchair lift door	<hr/>

Vehicle Specifications Bid On

(Indicate "same", "yes" or explain exception)

Body Specifications

Minimum Bus Body & Chassis Specifications

Door-Entrance

Electrically operated. Both leaves open outward.
. 4" header pad upholstered with black 42 oz. Proform fire block material.
. Full length clear tempered glass

Vehicle Dimensions

Interior height 78", interior width 90", exterior width 96"

Drip Molding

Continuous formed in exterior window header including driver's window, entrance door and rear emergency door.

Electrical

Access Covers

Main body wiring harness is easily accessible by removing molded covers over side sash.
Rear bulkhead electrical access.

Accessory Switch

100 Amp continuous duty solenoid relay activated by the ignition switch on the chassis. With the ignition switch on, the relay is activated which allows electrical current to pass through to the body accessories and thereby reducing the amp load on the ignition switch. With the ignition off, the relay is inactive and no current is allowed to pass.

Circuit Protectors

Fuses

Multiplex Electrical System

Body harness integrated into chassis harness.

Switches

Rocker type, easily serviced

Wire Connectors

Packard insulators at wire connection

Zonar standard monitoring system

Child Checkmate passenger advisory system

Wiring Harness

Main body harness that is color coded and numbered

Fenderettes

16-gauge metal fenderette extends 1 1/2" away from body side sheet. Continuous from bottom skirt to bottom of skirt.

Floor Covering

1/8" gray smooth rubber under seats, wheelhouses, and driver's area. 3/16" gray rubber ribbed aisle w/galvanized steel aisle strips. Steps covered with ribbed black rubber with white nosing. Cove molding at side and rear walls, 2" white standee line.

Vehicle Specifications Bid On

(Indicate "same", "yes" or explain exception)

Body Specifications

Minimum Bus Body & Chassis Specifications

Fuel Tank Opening

Exterior
Spring loaded hinged door with latch

Interior
Access plate in floor for servicing

Glass

Flat safety tempered bonded on sides and rear.
All glass complies with FMVSS 205 and 217.
(4) emergency push out windows (2 left, 2 right) with reflective markings, vertically hinged.
All glass complies with FMVSS 205 and 217.TINTED

Hand Rail

Stainless steel step handrail at entrance door. Mounted at top left side of entrance door stepwell and extending to top left side of seat barrier.

HeaterAir conditining

Rear - 84,000 BTU under seat heater
Stepwell - 52,000 BTU heater
Front - (1) mounted beside driver rated at a minimum of 93,000 BTU's
Fresh air type. **Includes** (2) heater shut-off valves in engine compartment.
126,000 BTU air conditioning,front and rear bulkhead mounted

Insulation

2" thermal bonded polyester fiber headlining, side and rear walls. (R value is 6.25)

Interior

Acoustic headlining first two ceiling panels.

Lettering

Front and Rear
"SCHOOL BUS" 8" high x 1 1/4" stroke, maximum.

Black block letters

Sides

Arlington Public Schools on beltline

All state required lettering

Rear Door

"EMERGENCY DOOR" approximately 2" high x 1/4". Black 6" x 1" arrow showing direction of handle turn

Lights

Back-Up/Stop/Tail

Sealed, horizontally mounted stop/tail, amber turn and clear back up.**LED**

Cluster

(3) Amber w/metal protective shields (3) Red rear w/shields
LED

Directional

7" round plain amber at rear.
(1) right and (1) left. Side directionals.**LED**

Dome

Complies with FMVSS 108.

Vehicle Specifications Bid On

(Indicate "same", "yes" or explain exception)

Body Specifications

Minimum Bus Body & Chassis Specifications

Lights (cont.)

Marker
(2) front side corners, (2) rear side corners, (2) amid ship side roof. Smaller size units have (4) corners only.

Stepwell
(1) operating w/ignition and interior dome light switch

Emergency
8 lamp non-sequential warning light system with 16 lamp deluxe monitor.

Mirrors

Interior
6" x 30" safety glass with edges protected with rubber.

Exterior
(2) Dual Euro-Style **HEATED**

Crossview
(2) quadrispherical crossview to comply with FMVSS 111 - **HEATED**

Mud Flaps

Front and rear

Rails - Guard

(1) 4 1/4" applied below windows and extends around rear corners.
(1) 4 1/4" applied at seat cushion level and extends around rear corners.
(1) 4 1/4" applied at floor level.
(1) 4 1/4" applied at skirt bottom.
(2) 2 15/16" applied at roof extending length of passenger compartment, internally
(1) Bottom rail

Reflectors

(6) round reflectors (2) each side and (2) rear

Rust proofing

Primer applied to both sides of all painted panels prior to assembly.

Seats

Driver's
Bostrom Routemaster driver's seat with 5 position tilt and fore and aft and weight adjustment. Wolf black upholstery with cloth insert.

Seat belt includes 3 point lap/shoulder belt, black, emergency locking retractor, web sensitive, 175" belt, push-button buckle, meets FMVSS 209 and 302 specifications.

Air suspension with dual arm rests

Passenger seating - FMVSS 222
 Seating capacity (54)fifty-four.
5 - 39" Integrated child seats left side
 5 - 39" Integrated child seats right side
 4 - 39" restraining seats left side with color coded lap belts
 4 - 39" restraining seats right side with color coded lap belts

Vehicle Specifications Bid On

(Indicate "same", "yes" or explain exception)

Storage Overhead Storage Compartment
 Located over windshield with quick release latches.

Sun Visor 6" x 30" plastic with finished edge. Mounted to windshield header in metal retainment track.

Undercoating Floor, skirts, and wheelhouses with asphalt emulsion water based material or equal.

Ventilator Static exhaust located in top front roof.

Windows Driver's
 Double sliding sash w/latch. Tempered glass.
 Composite construction of non bonded corrosive material.

Side Windows
 Bonded split sash, with tempered glass. 12" window opening.

Windshield One piece bonded curved windshield.

Windshield Washers (2) electric, approximately one gallon capacity.

Windshield Wipers (2) electric bottom mounted heavy duty motors with 2 speeds. Heavy duty wet arm wipers. **INTERMITTENT**

Wiring Color coded and numbered in molding above left and right windows with main wiring down left side.

Safety Equipment Reflective triangles
 5 lb. ABCD fire extinguisher
 (2) chock blocks - rubber
 24 unit first aid kit
 Body fluid clean up kit
 Backup alarm
 Electric stop arm with flashing lights
 (2) Roof escape/ventilation hatches and (4) emergency push out windows.
 Reflective tape 2" @ floorline and rear perimeter
 AM-FM/CD with P.A. system

SPECIAL NEEDS EQUIPMENT

Wheelchair Lift Ricon Model K5510-F-1020100A
 Wheelchair Tie Down Qstraint covered floor pockets with overhead track
 Qstraint 8300AT-L Restraint system

Vehicle Specifications Bid On

(Indicate "same", "yes" or explain exception)

Chassis Specifications

Minimum Bus Body & Chassis Specifications

Wheelbase	259"	_____
Frame	10.8 section modulus. 110.000 PSI	_____
Engine	220 H.P. 6 cylinder turbocharged diesel.	_____
Steering	Adjustable steering column	_____
Transmission	Allison 2500 series automatic or equal. Allison vocational package 354	_____
Rear Axle	23,000 lb. capacity minimum geared appropriately for 70 MPH.	_____
Rear Suspension	21,000 lb. Airliner rear air suspension	_____
Front Axle	10,000 lb. capacity minimum	_____
Front Suspension	10,000 lb. taper leaf springs	_____
Brakes	Hydraulic disc split system, ABS. Foot pedal operated parking brake.	_____
Tires	10R22.5 - 14 Ply - Front 10R22.5 - 14 Ply - Mud & Snow Rear	_____
Wheels	7.50 x 22.5, Hub piloted disc	_____
Chassis Hood	Non-reflective black	_____
Horns	Dual electric	_____
Turn Signals	Fender mounted	_____
Alternator	270 Amp Leece Neville 4944A pad mtd. With smart check LED	_____
Batteries	2 - 12 volt 1100 CCA minimum each	_____
Block Heater	110 volt 750 watt	_____
Fuel Tank	100 gallon mounted between the frame rails - rear	_____
Gauges	Manufacturer's standard gauge package including ammeter.	_____
Cruise Control	Electronic	_____
Diagnostics	SAE J1587/1708/1939 9-pin diagnostic connector under dash.	_____
Driver Info Center	Odometer/hourmeter/diagnostic display and 26 warning lights.	_____

COMPANY: _____

DATE: _____

ADDRESS: _____

TEL. #: _____

AUTHORIZED SIGNATURE _____

DELIVERY DATE: _____