

Proposer / Bidder Registration Form

It is the Bidder's responsibility to make certain they have received any/all addenda relating to their bid / proposal prior to the bid opening date. If you are downloading a bid we strongly encourage you to notify the City of Beverly Purchasing Department at [dgelineau@beverlyma.gov](mailto:dgelineau@beverlyma.gov) and provide us with the following information. In the event an addendum is issued it will be sent to all bidders who have provided the City with this information.

Request for Proposal or Invitation for Bid Number: 16-019

Contact Name:

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Company Name:

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Address:

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City/Town:

State:

Zip Code:

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Phone:

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Fax:

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Cell:

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Email:

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## **CITY OF BEVERLY**

**16-019**

**PURCHASE OF FIVE SCHOOL BUSESSES**



**BIDS DUE:**

**TUESDAY, MARCH 15, 2016 @ 11:00 A.M.**

at the Office of the Purchasing Agent, City Hall  
191 Cabot Street, Beverly, Massachusetts 01915

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BID CERTIFICATION:

Complete this page by signing in the space below and return with completed pricing pages.

As required under Chapter 233 and 701 of the Mass. Acts and Resolves of 1983 and Chapter 30B of Massachusetts General Laws, when returning the City's solicitation documents, certification must be made to the following by signing in the space indicated below. **Failure to offer such signature will result in rejection of the bid.**

1. *"The undersigned certifies under the 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 their organization, entity, or group or individuals" and,*
2. *"Pursuant to M.G.L. c.62C, §49A, I hereby certify, under penalties of perjury that to my best knowledge and belief the undersigned bidder has complied with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support."*

This bid is submitted by:

\_\_\_\_\_  
(Complete name of firm to be given here)

Signature: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Employer I.D. #: \_\_\_\_\_

Email Address: \_\_\_\_\_

**CERTIFICATE AS TO CORPORATE BIDDER**

I, \_\_\_\_\_ certify that I am the \_\_\_\_\_ of the Corporation named as bidder in the attached Bid Form; that \_\_\_\_\_, Who signed said Bid Form on behalf of the bidder was then \_\_\_\_\_ of said Corporation; that I know his/her signature hereto is genuine and that said Bid Form was duly signed, sealed and executed for and in behalf of said Corporation by authority of its governing body.

A TRUE COPY,

ATTEST: \_\_\_\_\_  
(Name – Type or Print)

PLACE OF BUSINESS:

\_\_\_\_\_

DATE OF THIS CONTRACT:

\_\_\_\_\_

\_\_\_\_\_

Clerk's Signature

Corporate Seal

This Certificate must be completed where Bidder is a Corporation and should be so completed by its Clerk. In the event that the Clerk is the person signing the Proposal on behalf of the Corporation, another Officer of the Corporation must complete this certificate.

NOTE: All bidders shall submit this certification, if a corporation, with the bid.

**Pricing Sheet- Type "C" Conventional Chassis Specification**

To the City of Beverly, Massachusetts, herein called the Owner, acting through its Purchasing Agent, for the purchase, delivery, and acceptance of four (4) new unused Type "C" Conventional Chassis School Buses, as specified in this Invitation to Bid (or approved equal).

Description:

Four (4), 2016 model Year or Newer, New and Unused Type "C" Conventional Chassis School Buses (or approved equal).

Make of School Bus \_\_\_\_\_ Model of School Bus \_\_\_\_\_

Model Year of School Bus: \_\_\_\_\_

Price: \$ \_\_\_\_\_ for four (4) vehicles

Write out Price: \_\_\_\_\_ for four vehicles.

State availability date. Vehicle will be available within \_\_\_\_\_ days after award of bid date.

All warranties and initial service guarantees are to be submitted with bid. The above price to include and cover the furnishing of all materials, except as herein otherwise specified the performing of all labor, requisite or proper, and the providing of all machinery, tools, equipment, specifications, information to bidders and bid documents. The above price to include delivery of the vehicle to Beverly Public Schools Transportation Department, 7 Sohler Road, Beverly, MA 01915

\_\_\_\_\_  
Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Contact

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Email Address

In the event of a discrepancy between the numeral price and the written price the lower price shall prevail.  
In the event of a tie bid a coin toss shall decide the winner.

**Pricing Sheet- Type "A" Mini Bus Chassis Specification**

To the City of Beverly, Massachusetts, herein called the Owner, acting through its Purchasing Agent, for the purchase, delivery, and acceptance of one (1) new unused Type "A" Mini Bus Chassis School Bus, as specified in this Invitation to Bid (or approved equal).

Description:

One (1), 2016 model Year or Newer, New and Unused Type "A" Mini Bus Chassis School Busses (or approved equal).

Make of School Bus \_\_\_\_\_ Model of School Bus \_\_\_\_\_

Model Year of School Bus: \_\_\_\_\_

Price: \$ \_\_\_\_\_ for one (1) vehicle

Write out Price: \_\_\_\_\_ for one vehicle.

State availability date. Vehicle will be available within \_\_\_\_\_ days after award of bid date.

All warranties and initial service guarantees are to be submitted with bid. The above price to include and cover the furnishing of all materials, except as herein otherwise specified the performing of all labor, requisite or proper, and the providing of all machinery, tools, equipment, specifications, information to bidders and bid documents. The above price to include delivery of the vehicle to Beverly Public Schools Transportation Department, 7 Sohler Road, Beverly, MA 01915

\_\_\_\_\_  
Company

\_\_\_\_\_  
Address

\_\_\_\_\_  
Contact

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Email Address

In the event of a discrepancy between the numeral price and the written price the lower price shall prevail.  
In the event of a tie bid a coin toss shall decide the winner.

## INVITATION FOR BIDS (IFB)

**Bid Items:** Purchase of Four (4) Type “C” School Busses and One (1) Type “A” School Bus.

**Bid Due Date:** Tuesday, March 15, 2016, 11:00 A.M.

**Deliver To:** David Gelineau,  
Purchasing Agent  
Beverly City Hall  
191 Cabot Street  
Beverly, MA 01915

The City of Beverly invites the submission of sealed bids for the purchase of Four Type “C” School Busses and One (1) Type “A” School Bus. To obtain copies of the Bid Documents, please contact the Office of the Purchasing Agent, City Hall, 191 Cabot Street, Beverly, MA 01915 during normal business hours, telephone 978-921-6000, or via email [dgelineau@beverlyma.gov](mailto:dgelineau@beverlyma.gov) or download at: <http://www.beverlyma.gov/departments/procurement/forms/>

All sealed bids must be delivered to the above address, no later than the time of the official BID DUE DATE as stated above, at which time and place the bids will be publicly opened and read. The bidder assumes the risk of any delay in the mail; bids received after the time stated for the official BID DUE DATE will be returned unopened.

The City of Beverly reserves the right to reject any or all bids, or to waive any minor informalities or defects in any bid should it be deemed in the best interest of the City of Beverly. Any bid submitted shall be binding for ninety days (90) beyond the date of the bid opening.

### INSTRUCTIONS TO BIDDERS

#### Receipt and Opening of Bids

Receipt and opening of bids will be as stated in the Invitation for Bids which is enclosed herein and is an integral part of these instructions. No bids received after the time established for the closing of bids will be considered regardless of the cause of the delay in the receipt of any such bid(s).

#### Preparation and Submission of Bids

The bids must be filled out on the form prescribed and enclosed in a sealed envelope that shall be marked on the outside with the words, “**Purchase of Five School Busses**” and the **Name and Address** of the Bidder.

All bids **MUST** contain the following documents, properly signed and executed in order for a bidder to be considered responsive.

1. Vendor’s Letter of Transmittal- stating the following:
  - a. That the bid will remain in effect for a period of ninety (90) calendar days after the deadline for submission of bids and thereafter until a contract is entered into, or the procurement is terminated; whichever occurs first. Bids offering an effective period of less than ninety (90) calendar days will be considered non-responsive.
  - b. That the vendor will deliver the Vehicles to: Beverly Public Schools Transportation Department, 7 Sohier Road, Beverly, MA 01915 F.O.B., at the bid price on the Pricing Sheet within the time specified.
  - c. Include the Name, Title, Address, and Telephone Number of one or more individuals who can respond to requests for additional information.

- d. Include the Name, Title, Address and Telephone Number of one or more individuals who are authorized to negotiate and sign a contract. Bids by corporations must be signed in the corporate name by the corporate officer with authority to sign. Name and title, along with the corporate address, shall be printed below the signature, bids by a partnership must be signed in the partnership name by a partner with authority to sign, name, title and official address of the partnership.
2. Bid Deposit
3. Bid Summary
4. Collusion and Tax Certification (Bid Certification)
5. Certificate as to Corporate Bidder (if required)
6. Pricing Sheet

Each bid must be accompanied by a certified, treasurer's or cashiers check issued by a responsible bank or trust company in the amount of \$1,000, payable to the City of Beverly. This check will serve as a bid security until a contract is entered into. Any bidder who fails to execute a contract after being awarded same will forfeit the bid deposit as liquidated damages to the City of Beverly. Upon award of contract, bid deposits will be returned to the unsuccessful bidders.

All substitutions must be clearly identified and be of equal quality. Any substitutions found not to be equal will render the bid non-responsive. Any vendor supplying inferior merchandise will not be considered for future bids.

Two (2) complete sets of bid response shall be returned, properly signed.

### **Modification of Bids**

A bidder may correct, modify, or withdraw a bid by written notice received by the Purchasing Agent prior to the time and date set for the bid opening. Bid modifications must be submitted in a sealed envelope clearly labeled "Modification No. \_\_\_" to the address listed in part one of this section. Each modification must be numbered in sequence, and must reference the original IFB.

After the bid opening, a bidder may not change any provision of the bid in a manner prejudicial to the interests of the City or fair competition. Minor informalities will be waived or the bidder will be allowed to correct them. If a mistake and the intended bid are clearly evident on the face of the bid document, the mistake will be corrected to reflect the intended correct bid, and the bidder will be notified in writing; the bidder may not withdraw the bid. A bidder may withdraw a bid if a mistake is clearly evident on the face of the bid document, but the intended correct bid is not similarly evident.

### **Questions About the Bid**

Questions concerning this invitation for bids must be submitted in writing to the Purchasing Agent either at the address above, faxed to (978) 921-8301 or e-mailed to [dgelineau@beverlyma.gov](mailto:dgelineau@beverlyma.gov) no later than five calendar days before the scheduled bid open time. No oral interpretation shall be made. Questions may be delivered, mailed, faxed or e-mailed. Written responses will be mailed, faxed or e-mailed to all bidders on record as having picked up the IFB.

### **Withdrawal of Bids.**

Bids may be withdrawn prior to the time established for the opening of bids only on written request to the Purchasing Agent.

## **Bid Documents**

The documents comprising the bid consist of: Invitation for Bids, Instructions to Bidders, General Conditions, Special Requirements (if any), Collusion and Tax Certification (Bid Certification), Certificate as to Corporate Bidder (if applicable), Pricing Sheet, Bid Specifications and any Addenda that may have been issued. The same documents will be incorporated into the contract documents.

## **GENERAL CONDITIONS**

### **Qualifications**

Bids will be considered only from vendors who offer equipment that is manufactured by companies that are known to be skilled and have been regularly engaged in the manufacture of equipment of the type, class and size specified herein for a period of not less than five (5) years.

The City shall have the right to take such steps as it deems necessary to determine the ability of the bidder to perform his obligations under the contract, and the bidder shall furnish the City all such information and data for this purpose as it may request, including references. Past performance, withdrawal of bids due to reckless bidding, cancellation of orders due to poor or unsatisfactory delivery, and substitutions not approved by the Awarding Authority may be cause for non-acceptance of bids.

### **Licensing**

The contractor shall possess all required and necessary licenses as may be specified by federal, state and/or local authorities, related to the handling of the products and services referred to in this bid.

### **Award of Contract**

The City of Beverly will be the Awarding Authority. The City will award the contract to the responsive and responsible bidder offering the newest model year vehicle at the lowest price for the specified item. In the case of a tie bid a coin toss will decide the bid winner. The Awarding Authority may exercise any or all of the options listed below before awarding a contract.

1. A visit to the bidder's place of business.
2. Requests to provide additional information to clarify their bid.

Contract will be awarded within ninety (90) days of the bid opening and any bid submitted shall be binding for ninety (90) days. All awards will be made in the best interest of the City of Beverly. The bidder(s) to whom the award is made must enter into a written contract with the City of Beverly and the requirements set forth in the bid documents shall become part of the contract. Award is contingent upon appropriation

### **Breach of Contract**

In the case of failure on the part of the contractor to execute as per the agreement, the Awarding Authority reserves the right to terminate the contract, satisfying its want through another contractor, and the City of Beverly shall collect from the contractor any difference in the price as a result of such failure on the part of the contractor.

### **Payments**

The City shall pay in full upon accepted delivery of vehicle. Purchases by the City are exempt from federal, state, and/or local sales and excise taxes.

### **Cancellation of Bid**

The City of Beverly reserves the right to reject any or all bids, accept any bid, or divide the award as deemed in the best interest of the City of Beverly, or to waive any minor informality in bids.

## Bid Responses

All bids and related documents submitted in response to this IFB are subject to the Massachusetts Freedom of information Law, M.G. L. Ch. 4, s.7, subsection 261, regarding public access to such documents. Statements or endorsements inconsistent with those statutes will be disregarded.

Catalog numbers and brand names, if used, are only to indicate the type and to set standards. Bidders are at liberty to offer bids on substitute material, which must be of equal quality. Bids must state, however, all cases where substitutes are offered and pertinent information must be supplied with the bid. Please provide material safety data sheets for all products for which there are material safety sheets.

Any questions regarding this bid should be written and directed to: David Gelineau, Purchasing Agent, 191 Cabot Street, Beverly, MA 01915. [dgelineau@beverlyma.gov](mailto:dgelineau@beverlyma.gov)

## General Specifications

The City of Beverly is soliciting bids from authorized distributors for the **purchase** of the following vehicles:

**Four (4) new and unused 2016 or newer Type "C" School Busses, One (1) new and unused 2016 or newer Type "A" School Bus as specified herein.**

### 2016 or Newer Type "C" School Bus

Item	Yes/No	Alternate
AIR CLEANER: dry type with easily changeable element		
AIR RESTRICTION INDICATOR: indicator installed to monitor airflow from cleaner to engine.		
ALTERNATOR: 240 amp Leece - Neville		
AXLE, FRONT: <b>12,000</b> pounds Meritor with Petroleum Lubrication Oil		
AXLE, REAR: <b>23,000</b> pounds Meritor 5.29 gear ratio		
BATTERIES: Three Group 31 Batteries 3375 CCA, located on left side of body on slide out tray, with switch disconnect located in battery compartment		
BACKING SAFETY HORN: 112db activated when bus in reverse gear.		
BRAKES: full air with ABS, Dust Shields		
BRAKES, SLACK ADJUSTERS: Meritor automatic slack adjusters		
BRAKE DRUMS & SHOES: front <b>16 ½ X 5</b> , rear <b>16 ½ x 7</b> , both with ¾ inch lining		
BRAKES, AIR DRYER: <b>Bendix AD-IP</b> air dryer with heater		
BRAKES, TANK CAPACITY: air tank capacity minimum 3650 cubic inches		
Brakes (Emergency/Parking): spring brake system with 30 sq. in. chambers modulated through treadle valve. Separate dash mounted valve for parking/emergency brake application.		
BRAKES, COMPRESSOR: Air compressor 18.0 CFM rating, gear driven		
BUMPERS: front and rear, minimum 3/16-inch steel painted black. Rear bumper to be extended 2 inches. Rear bumper to have double A frame bracing, BOLTED to frame, 12" after form, (welding not acceptable)		
BUMPER, REAR: designed to prevent damage to all directional lights, backup lamps and school warning lamps.		
BUMPERS: Heavy duty construction to be provide capability of lifting bus with a bumper jack		
Circuit Breaker Chassis		
Controls (at driver)		
Key type starter ( <b>all units to be keyed alike</b> )		
Dimmer switch		
Hazard switch on steering column		
Self canceling turn signal with indicator lights		

Item	Yes/No	Alternate
Rheostat dash dimmer on headlight switch		
Dash mounted transmission shifter		
- Rocker switches		
COOLING SYSTEM: charge air cooler 709 sq in mounted in front of coolant radiator 777 sq in with constant torque clamps.		
System must have long-life antifreeze rated -40F,		
COOLING FAN: <b>fully on-fully off</b> thermostatically controlled fan clutch.		
COOLING SYSTEM, HOSES: All cooling hoses shall be rubber with constant torque clamps		
COMMUNICATION: Kenwood TK-7102H Two Way Radio shall be installed and programmed to Beverly Public Schools frequency. Bidder shall contact prior to install to confirm location of radio and antenna.		
DASH: Drivers dash with individual gauges		
DAYTIME RUNNING LIGHTS: required		
DIGITAL CLOCK: installed within driver's view		
DRIVELINE: steel drive shafts, minimum of 4". Each shaft to be balanced prior to installation.		
DRIVELINE: protective drive line guards to be installed on each section.		
ENGINE: Cummins inline 6cylinder only, 220 hp at 2600 rpm. . Must be certified and compliant with 2013 EPA emissions without the use of credits or penalties.		
ENGINE: Fully electronically controlled with heater intake grid for easy starting and reduced emissions.		
ENGINE PAINT: Engine shall be painted to provide for mechanics visual inspection for leaks.		
ENGINE, WARRANTY: 5 years		
ENGINE: high idle and throttle electronically controlled		
ENGINE, Governor set to 75MPH		
ENGINE HOOD: In height for easy access for driver.		
EXHAUST SYSTEM: Stainless Steel single horizontal system 3 inches in diameter. 16 gauge from manifold to muffler.		
EXHAUST: Stainless Steel 16 gauge tailpipe 4 inches in diameter routed to rear of bus, pipe hangers to be spring steel with rubber isolators. All clamps to wide band design. The tailpipe shall exit rear thru bumper		
FRAME: 50,000 PSI rails		
Fuel System; Diesel		
Urea Tank; Minimum 15 gallon capacity		
FUEL SYSTEM: 60 gallons, tank to be located in between frame rails, aft of rear axle for maximum safety and best weight distribution for winter operation. <b>SIDE MOUNT TANK NOT ACCEPTABLE</b>		
FUEL SYSTEM: fuel sender inspection plate and locking fuel fill door.		
FUEL SYSTEM FILTERS: <b>Racor 690R30</b> Heated water and fuel separator with 200 watt heater, 30 micron filter.		
GVW 35,000 lbs minimum		
HORNS: dual horns protected from direct splash and road spray		
INSTRUMENTS: Complete array of <u>individual</u> gauges required: voltmeter, speedometer w/ seven digits, odometer, fuel gauge, oil pressure gauge, coolant temperature gauge dual air pressure gauges, tachometer, engine hour meter, engine warning system for low oil pressure or high temperature, lighted message bar/ buzzer to "check gauges", Ammeter, Transmission Temperature Gauge.		
MANUALS: <u>complete body and chassis service manuals</u> along with complete parts catalog shall be provided. <b>DATA MUST INCLUDE WARRANTIES ON MAJOR CHASSIS COMPONENTS.</b>		
PAINT: the chassis, frame, bumpers, wheels shall be painted black		

Item	Yes/No	Alternate	
SHOCK ABSORBERS: Front and rear double-action shock absorbers compatible with manufacturer's rated axle capacity at each wheel location			
SUSPENSION FRONT: 10,000 lbs, Air Suspension,			
SUSPENSION REAR, 23,000 lbs. Air Suspension			
STEERING: Ross TAS-65 or equivalent with integral design, powers unit mounted directly to steering column with one-piece drag link.			
STEERING: Power steering pump shall be gear driven			
STEERING: two spoke, padded tilt/telescoping			
STEERING: Tilt/telescoping steering wheel.			
TIRES, <b>Hankook</b> 11R22.5 highway tread on front, traction tread on rears.			
TOW HOOKS: front & rear frame mounted tow hooks			
TRANSMISSION: Allison PTS 2500 series electronic transmission with five forward speeds and TRANSYND synthetic lubricant. TRANSMISSION, WARRANTY: 5years			
TRANSMISSION COOLER: <b>Separate transmission</b> oil cooler with minimum heat exchange capacity of <b>1535 BTUs</b> .			
VALVES: heater water shut off valves located in engine compartment to isolate hot water from the body.			
VALVE: heater water regulator valve accessible to the seated driver to regulate hot water flow to the body.			
WHEELBASE: 273 inches maximum			
WHEEL CUT, 50 degree or better			
WHEELS: Hub piloted 10 stud disc wheels painted black.			
WINDSHIELD FLUID RESEVOUR located so it can be accessed and filled easily from ground level.			
WIRING: all chassis wiring shall be color and number coded in regular intervals. Easy access to chassis wiring terminal and fuses shall be provided.			
<b>TYPE "C" CONVENTIONAL BODY SPECIFICATION</b>			
<th data-bbox="66 1161 1192 1197">Item</th> <th data-bbox="1192 1161 1312 1197">Yes/No</th> <th data-bbox="1312 1161 1578 1197">Alternate</th>	Item	Yes/No	Alternate
Note: Vehicle bid must meet FMVSS 221, joint strength for bus body construction			
ACCESSORY POWER SOCKET: 12 volt power provided in dash area for cellular telephone, socket to include protective rubber cap			
AUXILIARY FANS; one six inch fan with protective <b>metal</b> guard mounted top dead center over the windshield and one mounted left of driver controlled by a two speed switch			
ACOUSTIC HEADLING: acoustic perforated headlining driver's and first body section			
AIR INTAKES: dual fresh air intakes at right and left sides, one to provide fresh dry air to the defroster system, one to provide fresh air to the driver. Driver's fresh air vent shall be easily reached by seat driver			
BATTERY COMPARTMENT: under floor battery compartment with sliding tray with captive pin for batteries. Locking Door			
BODY CONSTRUCTION: shall meet or exceed requirements of FMVSS 221, JOINT STRENGTH.			
BODY CONSTRUCTION: Bidders shall include in bid documentation from the manufacturer of Kentucky Pole and Colorado Rack Test Compliance			
BODY CONSTRUCTION: floor construction to meet FMVSS 221 constructed of 14 gauge galvanized steel.			
BODY CONSTRUCTION, RUB RAILS: 4 - die formed 16 gauge steel protective rails, one beneath the windows, one at the seat level, one just above floor level, and one located at the bottom of the skirt (snow rail).			
BODY CONSTRUCTION: The SEAT RAIL (at the seat level) must run around the rear of the bus to the emergency door.			

Item	Yes/No	Alternate
BODY CONSTRUCTION: Snow rail <u>must</u> run the full length of the bus except at wheelhouses.		
BODY SHEETMETAL: all exterior steel shall be mill applied zinc coated, treated with electrodeposited prime, e-coated with rust resistant bonding zinc after fabrication and before assembly using <b>20-gauge fluted side panels</b>		
BODY SHEET METAL: embossed rain visors over each passenger window and driver's sash.		
BODY SHEET METAL: all interior panels shall be RIVITED except where screws are placed in wired duct for access to wiring harness.		
BODY UNDERCOATING: the entire body shall be fully undercoated BEFORE mounting on the chassis for complete and effective coverage with Tectyl 355 or equivalent.		
RUBBER CHOCKS to be provided and housed in an exterior compartment located on the curbside between the wheels and rear of the entry door. Compartment to be lockable.		
COMPARTMENT, document mounted on barrier behind driver		
COMPARTMENT, Glove box mounted in dash		
COMPARTMENT, Emergency Equipment Compartment located over the windshield area and used to house the fire extinguisher, triangles /flares, first aid kit, body fluid kit		
DEFROSTER: 90,000 BTU's full length fixed outlets including driver's sash with nozzles directed at the entrance door. In addition, a 50,000BTU step well heater required. Controls shall allow the driver to direct 100% of airflow to the windshield or passenger area. Easily accessed and easy to clean.		
DOOR, ENTRANCE: Air operated outward opening entrance door with tinted glass upper and lower with keyed security lock.		
DOOR, EMERGENCY: a rear emergency door located in the center with upper and lower glass to be tinted.		
DOOR, EMERGENCY: dual hinges <b>with grease fittings</b> for lubrication		
DOOR, EMERGENCY: a sliding VANDAL lock shall be wired to the ignition to disable the bus when the door is locked.		
DOOR, EMERGENCY: the door when opened shall activate a D.O.T. buzzer.		
DOOR, EMERGENCY: A retainer to hold the door open in a 90-degree angle is required.		
Driver's area insulated		
EMERGENCY ROOF HATCHES: two Specialty Pop up roof hatches with buzzer installed in compliance with FMVSS 217.		
EMERGENCY WINDOWS: Two emergency push out windows per side with front vertical hinges shall be installed equally throughout the bus body in accordance with FMVSS 217. Emergency windows shall have tampering buzzers.		
ENGINE COMPARTMENT: Shall be fully insulated to reduce heat and noise in the engine compartment.		
FENDERETTES, Rear Wheels to have rubber fenders		
FLAPS: front and rear full length mud flaps are required		
FLOOR COVERING: 5/8 <b>inch AB Marine Grade</b> plywood <b>SCREWED DOWN</b>		
FLOOR COVERING: GREY RUBBER floor covering with ribbed aisle. Molded rubber covering over each wheelhouse.		
FLOOR COVERING, STEPWELL: ribbed rubber. Step noses to be white, top step to have white rubber wear plate.		
FUEL SENDER INSPECTION PLATE: to provide access to fuel tank sender		
FUEL DOOR: Spring loaded door with lock.		
HEADER PADS: located over all doors, 4 inch minimum		
HEADROOM: <b>77 inches</b> over plywood and floor covering measured in aisle between passenger seats.		
HEATING SYSTEM: plumbing to all heaters routed to provide hot water to defroster first for maximum safety and visibility. Hi-miler heater hoses with constant torque clamps required.		

Item	Yes/No	Alternate
HEATER, Rear : Convection baseboard required.		
HEATER REGULATOR VALVE: valve to control flow of hot water into the bus body shall be accessible to the seated driver without opening the engine compartment hood.		
INSULATION: body and roof bows to be completely insulated with 1 ½ inch R 5.75 insulation.		
LETTERING: all vinyl lettering to be applied per Beverly Public Schools requirements, in accordance with state and federal requirements. Lettering and bus numbers to be determined at time of order.		
LETTERING: Included Mass “unlawful to pass....” Decal”		
LIGHTS, SCHOOL WARNING: SCHOOL WARNING LAMPS: Eight way school warning lamps. Lights shall be wired non-sequentially. A WELDON solid-state flasher with ten-year warranty shall activate lights, with a16 light monitor. Warning Lights to be LED		
LIGHTS, WARNING: individual black hoods with black paint surround		
LIGHTS, DAYTIME RUNNING: front and rear daytime running lights required		
LIGHTS, HEADLAMPS: Halogen		
LIGHTS, SIDE DIRECTIONALS: LED armored directionals, forward set in standard location		
LIGHTS, SIDE DIRECTIONAL: LED, armored directional over rear wheelhouse.		
LIGHTS, REAR BACK-UP: two 4 inch white LED activated when reverse gear is engaged		
LIGHTS, REAR DIRECTIONAL: LED		
LIGHTS, FRONT DIRECTIONAL FENDER MOUNTED: LED		
LIGHTS, REAR STOP AND TAIL: LED		
LIGHTS, CLEARANCE AND CLUSTER: as required by state and federal law, all clearance and cluster lights to be armored LED		
LIGHTS, INTERIOR DOME: 2 rows, 2 switch F & R configuration.		
LIGHTS, DRIVERS, DOME: controlled by separate switch		
LIGHTS, RED: red light over emergency door wired with clearance lights		
LIGHTS, EXTERIOR BOARDING LIGHT AT ENTRANCE DOOR: LED		
Monitor Board , 16 light Doran		
PAINT, INTERIOR: lead free baked enamel, light color paint preferred		
PAINT EXTERIOR: lead free, national school bus yellow heat cured polyurethane. Hood to be lusterless black, Rub Rails to be black, full width. Paint to carry a full (not pro-rated) five-year warranty.		
MIRRORS: a full array of Rosco Avia, exterior mirrors to meet FMVSS 111. <b>All</b> exterior mirrors to be HEATED and REMOTE controlled with stainless steel brackets. Interior rearview mirror 6x30.		
RAIN VISORS: roof panels shall have embossed rain visors permitting the window to be opened to the first stop with out allowing rain inside the passenger compartment.		
REFLECTORS: amber and red reflectors to be attached per federal regulations.		
REFLECTIVE MARKINGS: <b>3M BRAND</b> to be located around each emergency exit including roof hatches and windows.		
REFLECTIVE MARKINGS: <b>3M BRAND</b> located at the floor line running the length of the bus 2 inches wide.		
REFLECTIVE MARKINGS: <b>3M BRAND</b> outlining the rear of the bus body.		
SAFETY EQUIPMENT: rubber chock blocks secured, in outside compartment, Fire extinguisher mounted in emergency equipment compartment along with, METAL FIRST AID kit mounted, Metal Body Fluid Cleanup kit mounted, Reflective triangles in box mounted.		
SEAT BELT, DRIVER’S: fully adjustable seat belt and shoulder harness with adjustable tether for shoulder strap.		
SEAT, DRIVER’S: high back fully adjustable black National Brand, with fabric insert (to be charcoal gray), and adjustable lumbar support, or equivalent. Driver seat to be air operated Arm rest on RH side.		

Item	Yes/No	Alternate
SEAT, PASSENGER: DOT standard school bus seats. All seats to be high back which comply with new National Standards. All seats to have foam of uniform thickness. Seat frames shall be black constructed of high tensile steel. All seats are to be <b>seat belt ready</b>		
SEAT FOAM: seat back foam shall have uniform thickness on backside. Foam may not be notched, or reduced to accommodate required seat spacing.		
Shoulder pads mounted below passenger windows		
SPACE SAVER SEATS: use of space saver seats is prohibited.		
SEATS, PASSENGER, UPHOLSTERY: all seats to have fire retardant 52 oz. BURGUNDY Upholstery.		
SEATS, BARRIERS: high back barriers left and right side with legs inset from aisle, both sides to have modesty panel to floor.		
SOLENOID: all body circuits shall be wired through a body solenoid. This solenoid shall disconnect power to body circuits when ignition is turned off.		
SOUND SYSTEM: the bus shall have a AM-FM-PA console mounted with exterior speaker for PA		
SOUND SYSTEM, DELUX : 8 <b>internal</b> speakers,		
SOUND SYSTEM, VOLUME CONTROL: sound system shall include a separate volume control for the forward most (driver's) speaker.		
STEPWELL: Stainless Steel slant design with three steps. Step treads in entry to have abrasive non skid nosing on each step.		
STEPWELL, LIGHT: step well light to activate when door is opened and clearance lights are on.		
STOP ARM: air operated stop arm meeting FMVSS 131. Stop arm shall have 2 flashing red LED / Strobe lights per side and reflective background. Painted signs are not acceptable.		
SWITCH PANEL, BODY: a full array of labeled, fiber optic illuminated push rocker switches		
SWITCH, DASH: to have rheostat separate from chassis dash to control illumination.		
Warning Lights 8 light non sequential LED		
WARRANTY is to be a 3 year BUMPER TO BUMPER WARRANTY, covering all components except Tires, Brakes and Batteries, Engine and Transmission covered by separate warranty. Manufacturer certificates required.		
WINDOWS, SIDE: split sash design. All side windows to be 12-inch clear opening windows with tinted glass. Push out windows to have laminated glass.		
WINDOW, DRIVER'S: driver's sliding sash to be tinted and have positive-latch,		
WINDSHIELD: to be 4-piece tinted, roped in.		
WINDSHIELD, WIPERS: wet arm, winter blade wipers, with intermittent- two speed and intermittent speeds controlled by a single switch		
WIRING: all wiring to be numbered and color-coded. Wiring shall be protected by automatic re-setting circuit breakers. Easy access to terminals, circuit breakers, and other electrical components shall be provided in a hinged access door beneath the driver's window. If this access panel is located outside of the bus, it must have a security lock on it keyed the same as the entrance door.		

2016 or Newer Type "A" School Bus

Item	Yes/No	Alternate
<b><u>CHASSIS SPECIFICATIONS</u></b>		
<b>CHASSIS:</b> Model year 2016 or newer, GMC 3500 139" wheel base, 12,300lb GVW, 6.0 V8 Gas with dual rear wheels.		
<b>ALTERNATOR:</b> 160 AMP		
<b>BATTERY:</b> 770 CCA AC Delco Battery		
<b>BACK UP ALARM:</b> 112 decibel when vehicle is in reverse		
<b>BRAKES:</b> Hydraulic with ABS		
<b>BUMPERS:</b> Front chassis supplied black; rear 8" high with 12" wrap around .		
<b>DRIVE LINE:</b> Protective drive shaft loops installed		
<b>DRIVER SEAT:</b> High back adjustable with cloth upholstery and passenger side armrest		
<b>ENGINE:</b> 6.0 Liter V8 gas		
<b>FUEL TANK:</b> Chassis supplied 35-gallon capacity		
<b>HEADLIGHTS:</b> Halogen day time running lights		
<b>HORN:</b> Chassis supplied dual horns		
<b>IGNITION:</b> To include body solenoid for positive shut off to all circuits		
<b>MUDFLAPS:</b> Rear Mud flaps to be included		
<b>PAINT:</b> National school bus yellow with lusterless black hood, black wheels and rub rails		
<b>RADIO:</b> AM/FM/CD with 4 speakers		
<b>STEERING:</b> Full power with <u>tilt wheel</u> column		
<b>SUSPENSION:</b> Spring suspension with additional leaf spring installed curb side rear.		
<b>TIRES:</b> LT225/75R-16D all season.		
<b>TRANSMISSION:</b> Automatic, 6 speed with overdrive		
<b>TOW HOOKS:</b> Frame mounted on rear		
<b>WIRING:</b> Color-coded		
<b>WHEELS:</b> Painted black		
<b><u>TYPE "A" BODY SPECIFICATIONS – 18 Plus 1</u></b>		
<b>AIR CONDITIONING, 45,000 BTU Rear A/C, Skirt Mounted Condenser, 3 Year Limited Warranty</b>		
<b>AUXILIARY POWER OUTLET, to be located on engine console</b>		
<b>BODY SOLENOID:</b> Wired through dash for all body circuits		
<b>BARRIERS:</b> Left and right side permanently mounted with modesty panel on entry door side.		
<b>CEILING:</b> Full Acoustic Headlining		
<b>CHILD CHECKMATE:</b> included so that the driver has to walk to the rear of bus and push the installed button before bus can be shut off.		
<b>CONTROL PANEL:</b> Shall be installed on right side of driver's seat below the windshield within easy reach. All switches to be labeled and backlit with dimmer switch.		
<b>DIRECTIONALS:</b> Side mounted with armored protection. LED Rear amber 7" LED.		
<b>DRIVERS STEP, EXTERIOR:</b> Extruded Aluminum Running Board		
<b>EMERGENCY DOOR:</b> Shall include a locking retainer to hold the door in the open position. Door must include an emergency buzzer when handle is lifted. A sliding vandal lock shall be supplied to lock rear door. This lock shall disengage the ignition until it is unlocked.		

Item	Yes/No	Alternate
<b>EMERGENCY WINDOWS:</b> One push out window per side with vertical hinge. Labels shall be placed on the interior and exterior of these indicating the operation and location of the windows. All windows to be tinted.		
<b>ENTRANCE DOOR:</b> Outward opening with electric control, Entry door to have tinted glass.		
<b>HANDRAIL:</b> Stainless steel on left and right side of entrance door.		
<b>FLOOR:</b> 5/8" Marine Grade Plywood sub floor, with black rubber floor. Rubber flooring to be smooth under passenger seats with 12" ribbed rubber aisle. .		
<b>HEADROOM:</b> A minimum of 76" at center line front to rear required with interior width of 90 3/4"		
<b>HEADER PADS:</b> located over emergency, entrance, and wheelchair door		
<b>HEAT:</b> 60,000 BTU LH rear wall mounted.		
<b>HEATER HOSES:</b> All rubber hoses to be insulated with constant torque heater hose clamps		
<b>INTERIOR SIDE PANELS:</b> aluminized mar proof		
<b>INSULATION:</b> All insulation to be a minimum of 2" with "R" value or 5.75		
<b>JOINT STENGTH:</b> Bus body must meet FMVSS 221 joint strength requirements		
<b>LIFT DOOR:</b> Installed RH Rear with vandal lock and interlock so that bus will not start with door locked. Include Interior and exterior light.		
<b>LIFT:</b> 1,000 Lbs capacity Braun Century Model NCL 1000 3454HB-2 (34 x 54)		
<b>LIGHTS:</b> Interior dome lights shall be evenly spaced. Drivers dome light to be on separate switch		
<b>LIGHTS:</b> A red light over the emergency exit shall be wired with clearance lights		
<b>LIGHTS:</b> All exterior lights shall be LED. Clearance and side turn signals <u>shall be armored.</u>		
<b>LETTERING:</b> Shall include all state mandated specifications and customer's requirements		
<b>MIRRORS:</b> Interior mirror to be 6"x30" non glare padded, Exterior Rear View Mirrors to be Heated and Remote Control, Crossover Mirrors to be heated		
<b>MONITOR BOARD:</b> Deluxe 8-way exterior lamp		
<b>PAINT:</b> school bus yellow with black wheels and rub rails. Hood to be painted lusterless black, Roof to be white		
<b>REAR EMERGENCY DOOR:</b> 37 1/2" x 52 1/2" Door Opening with grease fittings on door hinges		
<b>REFLECTIVE MARKINGS:</b> 3M brand reflective tape shall outline the rear, sides, and all emergency exits. "SCHOOL BUS" signs shall be 3M diamond grade.		
<b>ROOF HATCH:</b> Single hatch centered on body with ability to vent. To include buzzer		
<b>RUB RAILS:</b> Four rub rails required (beneath passenger windows, floor line, seat level, and bottom snow rail) Rubrails painted black.		
<b>SAFETY ITEMS:</b> Shall include a first aid kit, body fluid kit, and triangles. A seat belt cutter and fire extinguisher shall be in easy reach of the driver. Rubber chock blocks secured.		

Item	Yes/No	Alternate
<b>SCHOOL WARNING LAMPS:</b> Eight way warning lamps LED / Strobe, wired non-sequentially. Lights shall have a black paint surround with a single hood.		
<b>SEATS:</b> Bus shall be configured for 18 ambulatory passengers and 1 wheel chair location. 2/ 39" seats on LH driver's side rear will be track mounted and removable to make a 12 plus 2 wheel chair with seats removed. All seats with color-coded lap belts.		
Upholstery to be Grey		
<b>SCHOOL BUS SIGNS:</b> Front and Rear reflective 3M		
<b>SECUREMENT SYSTEM:</b> Q8301-SC Slide n Click with Shoulder Harness and Storage Pouch mounted for 2 wheelchairs with 2 track mounted seats removed.		
<b>STEPWELL LIGHT:</b> 14 candle to illuminate when entrance door opens		
<b>STATIC VENT:</b> installed in first roof section		
<b>STEREO:</b> Panasonic AM/FM/CD with 4 deluxe speakers. Front speakers to be at least two body sections behind driver.		
<b>STOP ARM:</b> Electric with LED Cluster & STROBE with reflective background		
<b>STORAGE COMPARTMENT:</b> mounted above drivers seat with locking latches		
2 Way Radio, of equal quality of existing units, installed and programmed to Beverly Public Schools frequency.		
<b>UNDER HOOD SHUT OFF VALVES:</b> dual butterfly shut off valves to be mounted in line with heater hoses		
<b>VISOR:</b> chassis supplied driver's sun visor		

**Evidence of warranty coverage shall be submitted with the bid documents in the form of a warranty certificate, or in the form of a letter on the bidder's letterhead indicating warranty coverage. Warranty repairs where appropriate shall be performed in Beverly.**

It is expected that the distributor have an adequate inventory of spare parts to insure that this vehicle is operational at all times.

The bidder's submittal shall include a complete description of the product offered and a complete description of the features by number or code and a list of all dealer installed options.

Requests for approved equals and any deviations from the specifications must be itemized on the bidder's letterhead. The use of a specific article or manufacturer's name in the specifications shall be construed as indicating the type of equipment, design, general construction and finish. Such use shall not be construed as limiting or excluding any manufacturer or vendor, the term "or approved equal" if not inserted is implied. Such use shall not be construed as limiting or excluding any manufacturer's product of comparable quality, design and efficiency, however, in the case of a product offered as "approved equal", the bidder shall furnish such evidence as necessary in the documents submitted to indicate the quality of their product. When a proprietary product is specified, bidders are requested to list on their letterhead any portion of the description which does not apply to the product offered, insert their own brand name, number or other suitable identification, and include literature or other material necessary to enable their item to be compared to the standard specified. The above statement does not relieve a bidder from the requirement of including all items and equipment as specified or providing evidence of "approved equal" components.

#### **Cost**

The City of Beverly shall pay for the vehicles upon successful bidder delivering vehicle to Beverly Public Schools Transportation Department, 7 Sohier Road, Beverly, MA 01915 F.O.B., at the bid price on the Pricing Sheet within the time specified and the City of Beverly acceptance of the vehicle. Successful bidder shall give a minimum of 24 hours notice of delivery to the City of Beverly.

AGREEMENT BY AND BETWEEN  
THE CITY OF BEVERLY  
AND  
(CONTRACTOR)

This agreement made and entered into this (DATE OF AGREEMENT), by and between the City of Beverly, a municipal corporation organized and existing under the laws of the Commonwealth of Massachusetts, hereinafter referred to as the "City", by and through its Mayor, Michael P. Cahill and (Contractor / Address), the Vendor.

ARTICLE I. The Vendor agrees to furnish and deliver services, materials, supplies, or equipment as follows:

(SUPPLY OR SERVICE) in accordance with the Invitation for Bids and to the extent not contradicted by the specifications and consistent with applicable law, the Vendor's Bid documents annexed hereto and incorporated hereby by reference marked Exhibit "A". This Contract is subject to and conditioned upon appropriation by the City.

ARTICLE II. The City agrees to pay for the sum of (Consideration) payable upon proper delivery of vehicle, and receipt of approved invoice.

ARTICLE III. The Vendor shall submit and conform to all determinations and directions of the designee of the City of Beverly relating to the services and its delivery, suitability, amount, quality and value of everything furnished or to any other questions which may arise as to the product and services and the time and manner of their delivery.

ARTICLE IV. If the Vendor shall fail to furnish and deliver any of said product and/or services as required under the terms of this agreement after the purchase order for same has been given to the Vendor or mailed to him/her at the business address stated in his/her proposal, the City, acting by the Purchasing Agent, may obtain the product and/or services ordered from any other source, and the City shall give to the Vendor or mail to him/her at the business address stated in his/her proposal, a notice, signed by the Purchasing Agent, that the Vendor has failed to carry out the contract to the satisfaction of the Purchasing Agent and as required by the terms of said Bid Document. Upon such default, the Purchasing Agent, may at his/her discretion and without further notice, cancel the contract.

ARTICLE V. Upon such default, the City may charge to the Contractor (and deduct from contract sums then or thereafter payable to the Contractor, if any there be) any and all costs and expenses incurred by the City as a direct or indirect consequence of such default, including, without limitation, any excess cost of material or service, any administrative costs or expenses, and all costs of collection of amounts payable by the Contractor hereunder (including reasonable attorney's fee).

ARTICLE VI. The contract is made subject to General Laws, Chapter 30B and all other laws of the Commonwealth, and the ordinances of the City, and if any clause hereof does not conform to such laws or ordinances, such clause shall be void and such laws or ordinances operative in lieu thereof.

ARTICLE VII. The Vendor shall furnish such bond as may be required by law (including without limitation M.G.L. c.149 §29) to insure the faithful performance of this contract, with a surety duly licensed to issue such bond in the Commonwealth of Massachusetts and satisfactory to the City.

ARTICLE VIII. In the performance of all work, after award and prior to completion of the contract work, the Vendor will not discriminate on grounds of race, color, religion, national origin, age or sex in employment practices or in the selection or retention of subcontractors, and in the procurement of materials and of equipment. The City may cancel, terminate or suspend the contract in whole or in part for any violation of this paragraph.

ARTICLE IX. The Vendor shall not assign this contract without express prior written consent of the City of Beverly.

ARTICLE X. The Vendor shall indemnify and save harmless the City of Beverly and all of its officers, agents and employees for any suits, causes of action, claims, judgments or other liability that may arise as a result of Vendor's action or failure to act. Certificates of Insurances shall be filed with the City if it so requires and shall be subject to its approval for adequacy of protection.

Witness Whereof, the parties have hereunto set their hands the day and year first above written.

City of Beverly

Contractor

\_\_\_\_\_  
Michael P. Cahill, Mayor

As to Appropriation:

\_\_\_\_\_  
Bryant Ayles, Finance Director