

Purchasing Office
191 South East Street
Frederick, Maryland 21701
301-644-5208 phone
301-644-5213 fax
kim.miskell@fcps.org



Stephen P. Starmer, C.P.M., CSBA,
Purchasing Manager
Kim Miskell, Assistant Purchasing Manager
Billie Laughland, Purchasing Agent
Bill Meekins CPPB, CSBO, CPCP,
Purchasing Agent
Shane Ryberg, Purchasing Agent

ADDENDUM

May 24, 2018

ADDENDUM # 1

Bid 18T7, Type II (24 Passenger) School Buses

DUE DATE & TIME: FCPS Main Lobby, Tuesday, June 5, 2018, prior to and time stamped no later than 2:00 P.M.

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original bid packages and any resultant contracts for the above bid.

1. Specifications, Pages 29 – 31, the following changes are reflected on the attached Revised Specifications:

- o Bumpers - **Delete in its entirety.**
- o Lights - **Delete:** ~~Warning light flasher: Weldon 7000 Sound Off, or operated through body control microprocessor.~~
- o Mirrors - **Delete:** ~~Weather proof electrical wire terminal disconnects shall be placed within 12 inches of mirror heads.~~
- o Aisle - **Delete:** ~~one two inch (2") white rubber aisle strip 27" forward of the emergency door. No seat or other object shall be so placed in bus as to restrict any part of passageway 24" forward of emergency door~~
- o Heater-Defroster - **Delete:** ~~Air filter mounted for ease of servicing shall be installed on rear heater.~~
- o Air Conditioning - ~~bulkhead~~ **should read: flushmount.**
- o Seats & Interior - **Delete:** ~~Driver's seat will have three point combination lap/shoulder belt, with height adjustable shoulder Lumbar support required.~~ **Add:** Fire-block upholstery. Fabric shall be Black, Green, Brown, Blue or **Gray** – as specified by LEA.
- o Storage Compartment - **Delete:** ~~located above the driver's door at the ceiling~~
- o Seat Belt and Shoulder Strap Combination - **Delete in its entirety.**

2. This Addendum includes the following attachments:

- a. Revised Specifications (3 pages)
- b. Revised Form of Proposal (1 page)
- c. Pre-Bid Meeting Attendance Roster (1 page)

Thank you for your interest in bidding with Frederick County Public Schools and we apologize for any inconvenience this may have caused.

Sincerely,

Kim Miskell

Kim Miskell
Assistant Purchasing Manager

km/ab

pc: Mark Maggitti, Fleet Maintenance Manager, Transportation

**REVISED - BASIC MINIMUM SPECIFICATIONS – BUS BODY
FOR 24 - 35 PASSENGER SCHOOL BUS - TYPE A**

Minimum specifications shall include all applicable Federal Motor Vehicle Safety Standards (FMVSS) and Code of Maryland Regulations (COMAR) for school buses in effect at the time of this bid. In addition, the bus(es) must meet the minimum bid specifications provided in this document.

- **Backup Alarm**
 - Backup alarm (audible): Minimum 97 decibels, mounted on frame behind rear axle, and activate automatically when transmission is in reverse position
- **Undercoating**
 - Complete underbody including wheel wells shall be fully undercoated.
- **Tires and Wheels**
 - Dual rear tires shall be provided on all vehicles.
 - Wheels will be one piece construction and painted black.
- **Fuel Tank**
 - Tank shall be constructed with polyethylene if possible. If a polyethylene tank is not possible, then a steel tank is permissible, but it must be undercoated with a 5 year warranty against external damage from rust or corrosion.
- **Body**
 - Provide a diagram at time of bid submission depicting dimensions of the bus, to include seat spacing.
 - The body side panels from under the windows to the bottom of the skirt must be minimum 20 gauge.
 - Interior headroom shall be no less than 73”.
- **Construction**
 - Roof Vent/Emergency Exit – One (1) low profile with audible alarm
 - External construction shall be of rust-resistant. All construction materials shall be fire-resistant.
 - Body hold down clamps – positive clamp – not spring type.
- **Service Door**
 - An electric door shall be provided.
 - Door control mechanism shall be located overhead of door and concealed behind a removable panel.
 - Shall be outward type door only.
 - Service door shall have a minimum horizontal opening of 24 inches and minimum vertical opening of 68 inches.
- **Emergency Exit Door**
 - Must comply to COMAR and Federal Motor Vehicle safety standards 217 regulations.
 - Metal sill to protect floor at emergency door entrance
- **Electrical**
 - Access Covers – Main body wiring harness must be easily accessible by removing molded covers over sash and the vertical post.
 - All electrical circuits are to be coded wire and protected by circuit breakers. Circuit breakers shall be easily accessible with no screw or bolt removal necessary to reach them and shall be plainly marked designating the circuit to which each applies.
- **Batteries**
 - One-piece copper battery cables shall be provided by chassis manufacturer. If batteries are mounted in a sliding tray, then cables must be long enough to reach both batteries when the tray is fully extended.
 - The battery cables, if passed through holes in metal, shall be protected by nonconductive grommets.
- **Identification– Lettering (Block Style)**
 - Lettering shall meet National, State and Local requirements as to type, size, color, locations and wording
 - Front bus number will be 6”x3/4” stroke located on the hood.
- **Lights**
 - LED lights with minimum 5 year warranty.
 - Interior:
 - Minimum four (4) LED interior lamps.
 - Minimum One (1) LED lamp in step-well area.
 - Minimum One (1) LED dome lamp in driver’s area.
 - Minimum One (1) LED above rear emergency exit door.
 - Exterior:
 - Minimum Two (2) LED 7 inch combination tail and stop lights.
 - Minimum Two (2) LED 4 inch combination tail and stop lights.
 - Minimum One (1) LED license plate light, mounted on left rear side.
 - Minimum Two (2) LED 4 inch clear backup lights.
 - Minimum Two (2) LED 7 inch amber rear directional signals.
 - Minimum Two (2) armored side directional marker lights, mounted at seat level rub rail; amber (front).
 - Front, rear, and side roof LED clearance lights.
 - One (1) 4 inch clear, flush-mounted LED light, mounted externally on the right side of the bus, just behind the rear edge of the entrance door and below the level of the fuel filler door. To illuminate the ground in the area of the entrance door. Wired to operate with the interior step-well light.
 - School warning lights: To be LED, red and amber, 7 inch diameter with visors As follows:

- School warning lights: To be activated by separate control panel or dash-mounted (to right side of driver), and include a momentary activation switch, red and amber pilot lights, master switch, and override switch for red light activation only (per COMAR).
 - Override switch shall operate with master switch in on or off position.
- **Mirrors**
 - Exterior side view remote adjustable west coast mirrors are required. Right side mirror must be visible through front windshield while operator is in normal seated position.
 - All exterior mirrors shall be electrically heated with 15-20 minute timer.
 - Cross over mirrors (meets FMVSS-111).
 - All exterior fasteners to be of stainless steel.
 - Weather proof grommets shall be used to seal electrically heated mirror wire harness of bus body. Silicone sealant is not acceptable.
 - All heated mirrors will operate off of one switch with a pilot light to indicate when the heating elements are turned on.
- **Paint/Color**
 - Roof shall be white.
 - Interior – Standard color panels
- **Rub Rail**
 - Snow rail shall be installed full length (at the bottom) of body skirt.
- **Stop Arm**
 - Electric operated octagon-shaped, with strobing LED lights visible front and rear, shall be activated in conjunction with flashing warning light switch.
 - Fasteners must be stainless steel.
- **Windshield and Windows**
 - The upper portion of the windshield is to be tinted to the maximum allowable percentage under Maryland law.
 - There shall be a minimum of (2) vertically hinged side push out windows (one (1) on each side).
- **Aisle**
 - One two inch (2") white rubber aisle strip shall be installed between the two front barriers.
- **Emergency Equipment**
 - The location of emergency equipment will be determined during review of the pilot model bus. Emergency equipment items are not to be mounted prior to that time.
 - Fire extinguisher, 5 lb. (A.B.C. type)
 - First aid kit shall be 24 unit Maryland approved (See Attachment "A")
 - Triangle reflectors (3 per set)
 - Fuses placed in non-metallic, screw top container shall be wire bracket type.
 - Body fluid clean up kit, Maryland approved.
- **Floor Covering**
 - Floor covering, seating and other interior accessory colors must match/color coordinate.
 - The floor covering shall be one continuous piece from front to rear. Bonding is acceptable.
 - Metal cover molding shall be installed along side wall and rear body wall.
 - Aisle joint molding shall be constructed of aluminum and installed over all seams where aisle covering meets floor covering.
 - Sub-flooring shall be of 5/8" marine grade plywood.
 - Aisle – 3/16" ribbed rubber
- **Handrails (Grab Rail)**
 - Handrails shall be installed on rear side of the front entrance going up the steps of the bus.
 - Handrails shall be stainless steel.
 - Must meet current standards for draw strings.
- **Heater-Defroster**
 - Each bus shall be equipped with front and rear independently controlled hot water heaters, which shall be fresh air or combination fresh air re-circulating type.
 - Front –heater to include full width windshield defroster.
 - Rear – minimum 40000 BTU rear heater behind the rear wheel well. Mounting location to be determined by LEA.
 - Brass shut-off valves lever type with 90 degree rotation of the handle shall be supplied to restrict heater operation.
- **Air Conditioning**
 - Front and rear dual air conditioning units.
 - Front – Chassis factory dash A/C.
 - Rear – Rear **flushmount** A/C evaporator.
 - Minimum 30000 BTU for non-WCL buses.
 - Minimum 53000 BTU for buses with WCL.
- **Seats & Interior**
 - Fire-block upholstery. Fabric shall be **Black, Green, Brown Blue or Gray** – as specified by LEA
 - Right-side fold down arm rest (left side not required).
 - **A floor plan must be provided and approved prior to ordering.**
 - Seating options should include integrated child seats, 3 point seat belts, and 2 point seat belts if available
 - A document holder with approximate dimensions of 12" x 18" x 3" (sufficient to hold a 3" binder) with Velcro secured top flap shall be incorporated into the front of the driver's side modesty panel (barrier). The barrier cover and the document holder shall be constructed of fire block material.

- Entrance covered with black slip resistant pebble tread rubber with white nosing.
- Step-wells shall be constructed of rust resistant material.
- **Storage Compartment**
 - A metal/plastic storage compartment is to be provided. An access door that secures with a latch (no key locks) is required. The size of the compartment that the vendor can provide must be identified at the time of the bid submission. All protrusions of screws or long bolts into the compartment, or the routing of loose electrical wiring inside the compartment, thus making the compartment unusable for storage must be eliminated.
- **Steering Wheel**
 - Will be equipped with a tilting mechanism to allow drivers to adjust the steering wheel height.
- **Dash Switches**
 - Dash switches are to consist of lettering that is an integral part of the switch plate or console to denote on/off or high/low. The lettering may be painted. Stickers or decals denoting on/off or high/low **are not acceptable**.
 - A master noise cancelation switch will be installed in the driver compartment. The switch will disable all defroster and heater fans, AM/FM radio, PA system, and 2 way radio.
- **First Piece Inspection**
 - A completed bus is to be made available for inspection by LEA representatives at the factory with all expenses (including air when excess of 200 miles) borne by the vendor. First piece inspection approval will be given prior to the completion of the production run.
 - Pricing for First Piece Inspection will be listed separately at a per person rate.

Frederick County Public Schools
Purchasing Department
PRE-BID MEETING ATTENDANCE ROSTER

BID 18T7, TYPE II (24 PASSENGER) SCHOOL BUSES

MEETING DATE/TIME: MAY 17, 2018, 2:00 P.M., LOCAL TIME {CONF. ROOM 2B}

NAME (PLEASE PRINT)	FIRM REPRESENTED (PLEASE PRINT)	PHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS
Kim Miskel	Co. Name: Address: FCPS			
D. Schwicker	Co. Name: American Bus Sec Address: Annapolis MD	410-571 1256	410-266 9668	dawds@ american-bus com
Borg Benesch	Co. Name: K Neal TSC Address:	443-378-3988	301-772-5400	bbenesch@ knealtsc.com
Mark Maggitti	Co. Name: Address: FCPS	301-644-5368		
WAYNE DHWE	Co. Name: IGBURTON Address:	302 270 2442	302 422 9151	WDHWE@IGBURTON.COM
Gordon Dhwe	Co. Name: IG Burton Address:	410-443-6058	—	gdhwe@igburton.com
	Co. Name: Address:			
	Co. Name: Address:			
	Co. Name: Address:			
	Co. Name: Address:			
	Co. Name: Address:			