



REQUEST FOR PROPOSAL

(THIS IS A FORMAL BID)

DATE E-MAILED TO VENDOR: APRIL 10, 2017	GOODS / SERVICE AREA: SCHOOL BUSES
BID OPENING: Date: APRIL 20, 2017 Time: 2:00 P.M. Central Standard Time Location: Affton School District Administration Building 8701 Mackenzie Road Saint Louis, MO 63123	CONTRACT PERIOD: See Bid Form for details.
ADDRESS INQUIRIES TO: Steven Fedchak, Chief Financial Officer PH: (314) 633-5922 FAX: (314) 631-0030 Affton Administration Building 8701 Mackenzie Road Saint Louis, MO 63123	RETURN BID TO: Affton School District Administration Building 8701 Mackenzie Road Saint Louis, MO 63123

This **REQUEST FOR PROPOSAL** contains the following:

1. **INFORMATION FOR VENDORS** -- The section referred to as "Information for Vendors" contains general information about the District's business and bid procedures. Please keep this section for future reference.
2. **SPECIFICATIONS AND BID FORM** -- The section referred to as "Specifications and Bid Form" contains information specific to the goods and/or services in the Request For Bid. Please complete and sign this section and return to the Affton School District Business Department for evaluation. **Must return original copy of your bid.**

AFFTON SCHOOL DISTRICT BUSINESS OFFICE

INFORMATION FOR VENDORS

IB-1 BID PROCEDURE - GENERAL INFORMATION

Listed on the enclosed "Specifications and Bid Form" are items for which Affton School District is seeking bids for a specified period of time. VENDORS NEED ONLY RETURN THE SPECIFICATIONS AND BID FORM SECTION. VENDORS ARE NOT REQUIRED TO INCLUDE THIS SECTION TITLED, "INFORMATON FOR VENDORS" IN BID SUBMITTAL

1. **Sealed bids must be received at the Business Office only (no other location permitted), 8701 Mackenzie Road, Saint Louis, MO 63123, no later than the date and time of the bid opening, at which time all bids will be opened and evaluated. NO EXCEPTIONS.** Late bids will be rejected and returned unopened to the vendor.
2. If the District is unexpectedly closed on the scheduled bid opening date due to weather or other unforeseen circumstances, the bid opening will automatically occur on the next working day at 11:00 a.m. Central Time.
3. Bids may not be withdrawn after scheduled closing time for the receipt of bids. Errors or omissions can be corrected by a telephone call with a follow-up in writing until the time of bid opening. Bid proposals shall then be deemed final, conclusive and irrevocable, and shall not be subject to correction or amendment. In case of apparent error, if the supplier requests to be released and the district awards their request, the award shall be made to the next low or best bidder meeting the specifications.

IB-2 LENGTH OF AGREEMENT

1. Acceptance of a bid by the District shall create an agreement for the vendor to sell and the District to purchase, under the terms and conditions of the Specifications and Bid Form, the services specified in the vendor's bid and the Districts acceptance of the bid amount or for a period of one (1) year, unless otherwise specified.
2. The District reserves the right to extend the agreement for one (1) month with the same terms and conditions. The District may exercise this right of extension by notifying the vendor in writing prior to the expiration of the initial agreement.

IB-3 AGREEMENT MODIFICATION

1. **THE WORDING OF THIS SPECIFICATIONS AND BID FORM SHALL NOT BE CHANGED OR ALTERED IN ANY MANNER.** Vendors taking exception to any clause, in whole or in part, should do so by listing said exceptions on company letterhead and submitting them as an alternate bid. Said exceptions may or may not be honored by the District. Alternate bids should be clearly marked "Alternate Bid" and submitted on vendor letterhead.
2. The Specifications and Bid Form expresses the conditions under which bids are solicited. Any modification thereto by the District shall be in writing and mailed to all firms on the vendor mailing list prior to the deadline for submitting bids.

IB-4 FINANCIAL ABILITY

The District reserves the right to require the successful vendor to file proof of his ability to properly finance and execute the agreement, together with his record of successful completion of similar agreements. The District reserves the right to defer the acceptance of any proposal and the execution of an agreement for a period not exceeding ninety (90) days after the date of opening the bids.

IB-5 COMPANY REFERENCES, SUBCONTRACTING AND WARRANTIES

1. The District may request at least three (3) references, preferably educational institutions, whom you have supplied similar equipment and services. The names, titles and telephone numbers of contacts for each reference should be given. Unless you specify otherwise, District officials will be free to contact these references.
2. Please attach a statement indicating whether your company proposes to use subcontractors for any aspect of the contract and identifying the proposed subcontractor in detail. No subcontracting shall be permitted without prior written approval by the District. In addition, no changes in subcontractors will be permitted without prior written approval by the District.

IB-6 ADDITIONS

New items added to the original bid list will be forwarded to the vendors by the Business Office. Vendors will bid under the same terms and conditions of the original bid. Thereafter, all additions will become part of the original bid process.

IB-7 EVALUATION

1. Upon receipt and after opening, all bids will be evaluated by the District. Additional information necessary to the evaluation process will be requested from the vendor, where appropriate.
2. The District may inspect the vendor's facilities to ensure that the vendor can provide the necessary services specified under this agreement.
3. Sufficient inventory of specified items may be required to be maintained by the vendor during the agreement period in order to meet the requirements of the District. Vendor's commitment to maintain a supply of items currently used by the District may be a consideration when evaluating the bid.

IB-8 BASIS OF AWARD

1. The District's policy is to award a bid based upon the "lowest and best" bid/proposal. However, the District will also strive to select equipment and supplies, which best fulfill the District's overall needs. In making the award, the District will include but not be limited to the following factors for consideration:
 - the extent to which the items bid meet or exceed specifications and function;
 - the vendor's ability to supply all or most items required;
 - the vendor's commitment to maintain a sufficient supply of items needed by the District;
 - any prior experience or history between the District and vendor;
 - the financial strength of the company; and
 - other factors deemed significant by District officials.
2. The District reserves the right to reject any and all bids for any reason; to accept any bid which it deems to be in its best interest; and to reject all bids and solicit new bids. The District reserves the right to waive any technicalities and requirements in this Specifications and Bid Form.
3. The District also reserves the right to award various portions of the contract to different vendors. In other words, the District shall have the discretionary right to select any or all of the items bid at the bid price.

Vendors may exclude items listed when submitting their bids. However, favorable consideration will be given to those vendors, which can supply all, or most of the items listed.

4. The bid constitutes an offer to the District to supply some or all of the items included in the bid. Absent acceptance of part or all of the bid by the District, the District is in no way obligated to the vendor. The District will promptly notify all successful vendors of any action to be taken. Others should contact District officials for information about the award.
5. The District reserves the right to discontinue any agreement with the vendor by giving written thirty-day notice if circumstances warrant such action. Examples of such circumstances include, but shall not be limited to: budget/financial considerations; vendor service/product no longer required; and unsatisfactory vendor performance, etc.
6. The Terms and Conditions are applicable to, incorporated in, and made part of all Requests for Proposals issued by the school district and applicable to, incorporated in, and made a part of all purchase orders.

IB-9 POOR OR NONPERFORMANCE

1. During the term of the contract, the District may terminate the contract for nonperformance, poor performance, late delivery, or other cause. The decision to terminate rests solely with the District and/or its duly appointed representative. In the event of termination, the District shall give the vendor written notice fifteen (15) days prior to termination. The District may thereafter procure products or services from other vendors.
2. The vendor takes all responsibility for substandard or defective materials and will replace all items as requested.
3. The quality of goods, products, materials, equipment, workmanship, and services shall be as described and must be to the satisfaction of the district representative. He shall have full power and authority to reject any materials furnished that, in his opinion, is not in strict conformity with the specifications, or equal in every respect to the exact item described therein. All goods, products, materials, and equipment furnished shall be factory new and any deviation there from will constitute just cause for rejection unless otherwise specified.

IB-10 DOMESTIC PRODUCTS PROCUREMENT

1. The Affton School District encourages its staff to purchase or lease products manufactured, assembled, or produced in the United States and for contractors and subcontractors of the District to do the same when providing goods and services to the District.
2. It is also the policy of the Affton School District to give preference to commodities manufactured, mined, produced or grown within the state of Missouri and to give preference to all firms, corporations, or individuals doing business as Missouri firms, corporations, or individuals, when quality, price and delivery are approximately the same. (Legal Reference Section 171.181 RSMo.)

IB-11 BILLING AND PAYMENT

1. The vendor will submit invoices directly to the Affton School District Business Office, 8701 Mackenzie Road, Saint Louis, MO 63123. Each invoice must show the District purchase order number, ordering department, date of shipment, quantity, price, and item(s) shipped. Invoices will not become due and payable until all items listed on the invoice are received complete.
2. All shipments must be accompanied by a packing list giving a complete description of items, total quantity of items, and total number of containers in the shipment. Packing list should also show District purchase order number, ordering department, date of shipment, quantity, price, and item(s) shipped.

3. Payments will be made in accordance with Affton School District payment cycles.

IB-12 DELIVERY

1. All equipment shall be delivered as specified on the District's purchase order.
2. All deliveries will be F.O.B., destination, freight allowed, Affton School District Business Office, 8701 Mackenzie Road, Saint Louis, MO 63123.

IB-13 PRICE ADJUSTMENT

1. Price increases will not be paid or approved without a 30-day notice and approval by the Chief Financial Officer. An escalation increase in price will be for cost only. A percentage increase on profit and overhead will not be acceptable.
2. Deletion of Items - The District reserves the right to delete any or all escalated items from the agreement if the item(s) can be purchased more economically from another source.

IB-14 COLLUSION CLAUSE

By submission of this bid, each vendor, anyone signing on behalf of a vendor, and in the case of a joint bid, each party thereto, certifies under penalty of perjury, that to the best of his knowledge and belief:

1. The prices of this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other vendor or competitor;
2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the vendor prior to opening, directly or indirectly, to any other vendor or to any competitor; and
3. No attempt has been made, or will be made, by the vendor to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

IB-15 TAX EXEMPT STATUS

The contractor shall pay sales, consumer, use and similar taxes for the work or portions thereof provided by the contractor which are legally enacted when bids are received or negotiations concluded, whether or not yet effective or merely scheduled to go into effect.

As set forth in 144.062 RSMo and 144.030 RSMo, contractors who purchase materials and/or supplies "for the purpose of constructing, repairing, or remodeling facilities for" the Owner are exempt from paying sales tax. The official State Tax exemption certificate will be furnished to the contractor. The quoted phrase was taken directly from the statute.

IB-16 "OR EQUAL"

Whenever a material, article or piece of equipment is identified in the specifications by reference to manufacturers' trade name(s) etc., it is intended merely to establish a standard; and any material, article, or equipment of other manufacturers and vendors which will perform the duties imposed will be considered equal provided the material, article or equipment so proposed is, in the opinion of the Business Office or using department, of equal substance and function. However, in some instances, the District will insist on specific brand names to meet District needs and requirements and will not permit "substitutes" or "or equals."

IB-17 TOBACCO FREE ENVIRONMENT

Affton School District has adopted a tobacco free policy effective August 18, 2009. No tobacco products may be used in the facilities or on the grounds.

IB-18 INDEMNIFICATION

To the fullest extent permitted by the law the Vendor shall indemnify, defend with legal counsel acceptable to the District, and hold harmless the District and agents and employees of the District from and against claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from personal injury, bodily injury, sickness, disease, or death, failure to make payment to suppliers, or injury to or destruction of tangible property, but only to the extent caused by the negligent acts or omissions of the Vendor, or anyone directly or indirectly employed by the Vendor, or anyone for whose acts the Vendor may be liable.

IB-19 SECURITY IDENTIFICATION

All contractor or subcontractor employees working on project sites may be required to obtain security identification badges before coming to the project site. Badges may be obtained by contacting the Business Office at 8701 Mackenzie Road, Saint Louis, MO 63123. Please contact Dave Walters, Director of Buildings and Grounds at 314-633-5925 for additional information.

To obtain a security identification badge, the contractor or subcontractor employee shall be required to give their full name, present personal identification verifying their name (e.g., driver's license), give their employer's company name, and present documentation verifying their employment with the company (e.g., business card, identification letter on company letterhead, etc.). During normal working hours, employment confirmation may be made by a confirming telephone call to the company.

Security identification badge must be kept with the contractor or subcontractor employee and prominently displayed while they are on the project site. The security identification badge may be temporarily removed from prominent display if the security identification badge will pose a safety threat to the contractor or subcontractor employee as the employee carries out the work.

If the contractor or subcontractor employee temporarily removes the security identification badge from prominent display for safety purposes, the contractor or subcontractor employee shall promptly present the security identification badge to any employee of the owner that requests to see the security identification badge. Failure to promptly present the security identification badge shall be grounds for instant removal of the contractor or subcontractor employee from the project site until the security identification badge can be presented. If the contractor or subcontractor employee fails to present the security identification badge a second time, the owner may request the contractor or subcontractor employee to be removed from the project site permanently.

IB-20 REQUIRED COMPLIANCE (as related to on site work or services)

The contractor shall comply with the statutory policy of the State of Missouri stating, "Not less than the prevailing hourly rate of wages shall be paid to all workers performing work under this contract." Section 290.250 RSMo. Note: FINAL PAYMENT WILL NOT BE PAID UNTIL THE ATTACHED AFFIDAVIT -- COMPLIANCE WITH THE PREVAILING WAGE LAW FORM # PW-4 IS FILLED OUT COMPLETELY AND SENT IN WITH PAY REQUEST / INVOICE.

The contractor will forfeit a penalty to the contracting public body of \$100 per day (or portion of a day) for each worker that is paid less than prevailing rate for any work done under the contract by the contractor or by any subcontractor" (See section 290.250, RSMo, enclosed in the laws section.) For detailed information on rules and occupational titles, see 8 CSR 30-3.010 through 3.060 (enclosed in the laws section, Code of State Regulations-Prevailing Wage rules).

SUPPLIER acknowledges award of this Contract requires compliance with Section 285.530(2) RSMo. (Cumm. Supp. 2008) regarding enrollment and participation in a federal work authorization program with respect to all persons working in connection with the contracted services. SUPPLIER represents and warrants that it is in compliance with Section 285.530 at the time of award of this Contract. A sworn affidavit and supporting documentation affirming participation in a qualified federal work authorization program and that SUPPLIER does not knowingly employ any person who is an unauthorized alien in connection with the services to be performed pursuant to this Contract is attached to this Contract and incorporated herein by this reference.

Pursuant to Section 292.675 RSMo the contractor shall provide a ten (10) hour Occupational Safety and Health Administration (OSHA) construction safety program for their on-site employees which includes a course in construction safety and health approved by OSHA or a similar program approved by the Department of Labor and Industrial Relations which is as stringent as an approved OSHA program within sixty (60) days of beginning work on this project.

“The contractor will forfeit a penalty to the contracting public body of \$2500 plus an additional \$100 for each employee employed by the contractor or subcontractor, for each calendar day, or portion thereof, such employee is employed without the required training.” See section 292.075, RSMo, enclosed in the laws section.)

A handwritten signature in black ink, appearing to read 'Se JFH'.

Steven Fedchak
Chief Financial Officer

**SCHOOL BUS PURCHASE
SPECIFICATIONS AND BID FORM**

SS-1 RFP SCHEDULE

Monday April 10, 2017 – Issue RFP
Monday April 17, 2017 EOB – Deadline to submit written questions
Thursday April 20, 2017 2:00pm CST – Deadline to submit proposals
Wednesday May 3, 2017 – Bid award by Board of Education
Wednesday August 9, 2017 (or before) – Delivery of buses

SS-2 PROPOSED SALE CONTRACT

1. Proposals must include a copy of proposed contracts or sales agreements if available or disclose terms required by the proposer of this RFP.
2. The District must issue a properly authorized purchase order to complete the purchase.
3. The District will not be liable for additional costs over the quoted price, including taxes, shipping, insurance, penalties, termination payments, attorney fees, liquidated damages, or other fees and costs.
4. Indemnity for product liability: The seller shall be responsible for all personal injury (including death) or property damage as a result of the seller's negligence involving any equipment provided under the terms and conditions, requirements and specifications of the sales agreement. In addition, the contractor assumes the obligation to hold the District, including its Board and employees, harmless from every expense, liability, or payment arising out of such negligent act or defective product.
5. The seller shall replace any item received in damaged condition at no cost to the District. This includes all shipping costs for returning non-functional items to the contractor for replacement.
6. Payment terms: Payment will be made after complete acceptance by the Affton School District. (Complete acceptance shall refer to rectifying any defects, etc.)

SS-3 BID SUBMITTAL REQUIREMENTS

1. Submit all proposals in a sealed envelope marker "Affton School Bus Proposal" and deliver to the following address:

Steven Fedchak, Chief Financial Officer
Affton Administration Building
8701 Mackenzie Road
Saint Louis, MO 63123
2. All qualifying bids must include the following:
 - a. Type C 77 Passenger School Bus Specifications described in Addendum 1.
 - b. Type C 71 Passenger School Bus Specifications described in Addendum 2.
 - c. Used 77 Passenger School Bus Specifications described in Alternate Addendum 1. (Optional)
 - d. Used 71 Passenger School Bus Specifications described in Alternate Addendum 2. (Optional)
 - e. Completed Attached Pricing Sheet including trade-in.
 - f. Company Background and Profile including references.
 - g. Proof of ability to service vehicle after purchase including ability to offer 3rd party warranties and proof of a traveling parts vehicle for the district's area.

ADDENDUM 1 SCHOOL BUS SPECIFICATIONS

TYPE 1 – 77 PASSENGER TYPE “C” SCHOOL BUS

CHASSIS SPECIFICATIONS

1. General Description/Type-C Conventional, 77-Passenger

- a. Vehicles shall be new, 2018 model year (chassis and body).
- b. Wheel base not to exceed 273 inches maximum.
- c. Minimum interior headroom above floor covering, full 77 inches.

2. Engine and Related Equipment

- a. Cummins Diesel engine: minimum 200 H.P./ 520 Ft. Lbs. turbo charged, electronically controlled, In-line 6 cylinder configuration. **(5 Year/100,000 Mile Warranty)**
- b. Heavy duty dry element air filter with restriction indicator on housing.
- c. Heavy duty cooling system with expansion tank.
- d. Engine alarm system with low oil pressure, high engine temperature and low coolant level indicators.
- e. Block heater 750 watt, 110 volt, Plug in at rear of bus.
- f. Horton electric type engine cooling fan clutch.
- g. Electronically controlled cold weather starting aid.
- h. Primary fuel filter/water separator at rear axle.
- i. Secondary fuel filter, spin on type.
- j. Fast idle throttle control.
- k. Exhaust driver side exit, stainless steel, forward of rear tire assembly.

3. Transmission

- a. Heavy Duty Allison 2500 series automatic with synthetic fluid. **(7 Year/Unlimited Mile Warranty)**

4. Axles, Suspension and Steering

- a. 12,000 lb. capacity front axle with oil lubricated bearings.
- b. 10,000 lb. capacity parabolic front springs.
- c. 21,000 lb. capacity rear axle, single speed.
- d. 21,000 lb. capacity rear Springs.
- e. Front and rear dual action heavy-duty shock absorbers.
- f. Power steering.
- g. Tilt/Telescoping steering wheel.
- h. Rear End 5.29.

5. Electrical Equipment

- a. Alternator, 240 amps (12 volt) minimum.
- b. Dual electric horns.
- c. Three Group 31 Batteries Measuring minimum 3375 CA.

6. Instrumentation

- a. Complete instrumentation to include gauges for speedometer/odometer, fuel level, voltmeter, oil pressure and coolant temperature with lights to indicate directional signal operation, and park brake applied.
- b. Audible warning system, with lights, to indicate low oil pressure, high coolant temperature, low voltage and low fuel.

7. Brakes

- a. Hydraulic type, split, four wheel heavy duty disc brake rotors with anti-lock system.
- b. Four piston permanent mount calipers.
- c. Hydraulic power assist with electric back up pump. **(No accumulators)**
- d. Drive line internal expanding type park brake, 9 X 3 inch minimum.
- e. Audible warning system, with lights, to indicate low brake pressure and low boost pressure.

8. Fuel Tank

- a. 60 gallon minimum capacity, ICC/FVMSS approved, with crash barrier, mounted between frame rails.
- b. Fuel gauge sender access with cover.
- c. Spring loaded fuel tank filler access door.

9. Wheels and Tires

- a. Disc wheels hub piloted, 10-hole, single front - dual rear.
- b. 11R22.5 14 ply Highway Tread Front and Full Traction Rear Tires.
- c. Front and rear wheels/tires balanced from factory.
- d. Rear rubber fenders.
- e. Front and rear mud flaps.

10. Front and Rear Bumpers

- a. Heavy duty, 3/16" minimum metal thickness.

11. Color

- a. Chassis, including wheels, Rub Rails and bumpers, shall be painted black.

12. Line Sheet

- a. A line setting sheet to be furnished for each chassis.

13. Warranty

- a. Bidders to submit literature concerning chassis, chassis components, accessories, body and body components warranty coverage.
(Body and Chassis to have a Bumper to Bumper 2 year/Unlimited Miles Warranty) Excluding wearable items.

BODY SPECIFICATIONS – 77 Passenger Type “C”

1. Body Construction

- a. Constructed to conform to Federal Motor Vehicle Safety Standards for joint strength and roll over protection.
- b. Four (4) formed rub rails shall be applied and riveted to the body sides at window level, at seat cushion level, at floor level and at lower edge of body skirt, all rub rails to be painted black.
- c. Seat level rub rails to extend around rear corners of body to emergency door posts.
- d. Fiberglass blanket insulation in body sides, back, front cowl, roof and roof caps.
- e. Exterior painted National School Bus Yellow with black trim/rub rails and **White Roof**.
- f. Interior painted White with medium tan trim.
- g. Interior body side panels from window level to seat cushion level to be aluminized steel with textured finish.
- h. Enclosed battery compartment with sliding tray and latching access hatch mounted in left body skirt.

- i. All body panels to be adequately rust protected prior to assembly, finished floor and chassis to be completely undercoated, including side skirts below floor line.
- j. Complete sound reduction spray full length of bus.
- k. Plywood treated sub floor of 5/8 inch.
- l. Heavy duty mud flaps to be installed at all four (4) wheel positions.
- m. Extra insulation in Driver's area.
- n. All painted surfaces must include a minimum of 5 year paint warranty with 2 year fade protection.

2. Doors

- a. Electrically operated outward opening entrance door with vandal lock.
- b. Rear center emergency door conforming to FMVSS217 for emergency exits with vandal lock.
- c. Fuel tank filler access door with lock.
- d. Left and right assist rail.

3. Windshield and Windows

- a. Two (2) or four (4) piece flat design windshield.
- b. Tinted, laminated AS-1 safety glass windshield with shaded top band.
- c. Split sash side windows with tempered glass-tinted with aluminum window frames.
- d. Upper and lower tempered tinted glass in emergency door and rear vision glass
- e. Four (4) hinged push out type emergency exit windows with AS-2 laminated tinted safety glass, two (2) on each side of bus. Each window shall be equipped with audible warning indicator.
- f. Front Driver's Side Windshield Plexiglas visor

4. Seats and Upholstery

- a. Seating must conform to FMVSS for crash protection
- b. Crash barrier in front of both front seats, with modesty panels
- c. All seats upholstered with fire block material in solid gray
- d. Padded and upholstered header pads above entrance and emergency doors will match seat upholstery or be in solid black.
- e. National 2000 Charcoal Driver Seat 6 Way Adjustable, Cloth Insert & Right Hand Armrest.
- f. Bright Orange 3 Point Driver Seat Belt.

5. Floor Covering

- a. Black smooth rubber in driver's area, under-seat areas and on interior wheel housings.
- b. Heavy duty ribbed rubber covering in aisle and on entrance steps plus white nosing on step treads.
- c. Extruded aluminum trim strips on all joints in floor covering.
- d. Cove molding at all floor to sidewall joints.

6. Heaters and Defrosters

- a. 90,000 BTU front heater and defroster with hot water control valve and two (2) speed blowers.
- b. 50,000 BTU stepwell heater with three speeds.
- c. 80,000 BTU under-seat Heater with 2 speeds.
- d. 50,000 BTU front under-seat heater with 2 speeds.
- e. Two(2) heater water shut off valves at engine connections.
- f. Metal covering on all interior heater hoses.
- g. Two(2) auxiliary multi directional two speed defroster fans. One (1) mounted on left side of driver above windshield area and one (1) in center of above windshield area.

7. Electrical Equipment

- a. All body circuits to be protected with fuses.
- b. All body wiring to be color and number coded, a detailed schematic to be provided by manufacturer.
- c. All body electrical components shall be wired through a solenoid to shut off electrical power with ignition in the off position.
- d. Two (2) four inch combination stop and tail lights.
- e. Two (2) seven inch combination stop and tail lights.
- f. Two (2) back up lights with audible alarm.
- g. Seven inch turn signals with amber lenses, no arrows, front and rear body mounted.
- h. Recessed LED identification if light extends from body and clearance lights mounted per regulations.
- i. Interior step well light and exterior landing light, both wired for automatic operation with entrance door control.
- j. Interior dome lights, dual rows with a minimum of ten (10) individual lights.
- k. Combination amber-red eight light warning system.
- l. Dual stop arms electrically operated and controlled with lighting.
- m. White, roof mounted strobe light mounted in accordance with Missouri regulations, light shall not extend higher than four inches above the highest point of the roof.
- n. Electric two (2) speed windshield wipers with single control and intermittent operation feature.
- o. Electric windshield washers with one (1) gallon reservoir.
- p. AM/FM/USB radio with P/A system and a minimum of eight (8) internal speakers.
- q. Sleeping child check.

8. Mirrors

- a. Exterior mirror system conforming to FVMSS standards and to include self-defrost heaters with remote control adjustment.
- b. 6 x 30 inch interior rear view mirror with padded edges and adjustable sun shade.

9. Roof Vent/Emergency Exit

- a. Two (2) roof vents/emergency exits with inside and outside release. Each vent shall be equipped with an audible warning indicator. One (1) vent to be installed in front mid-section and one (1) vent to be installed in rear mid-section.

10. Miscellaneous Equipment

- a. One (1) 5 lb. Fire extinguisher with hose, 2A/10BC minimum rating.
- b. One (1) first aid kit equipped as required, mounted on front interior header panel.
- c. One (1) reflective emergency triangular warning device kit, mounted on front floor.
- d. One (1) body fluid clean up kit with plastic container mounted on front interior header panel.
- e. Folding fender steps for windshield access and suitably located assist handles on each side of the bus.
- f. Electric crossing arm device, with non-metallic arm, wired for automatic operation with the red 8-way warning lamps with interrupt circuit operated by momentary on button.
- g. Driver Overhead Locking Compartment mounted to as opening is not interfered with by mirror.

11. Lettering

- a. Lettering – To be determined prior to delivery by the Affton School District.
- b. Rear emergency door and side emergency exit windows to be identified with minimum two (2) inch tall black letters, both inside and outside above exits, to read "Emergency Door" over rear door and "Emergency Exit" over exit windows.
- c. Emergency roof exits/vents to be identified with minimum two (2) inch tall black letters on interior roof, to read "Emergency Exit".

12. AngelTrax- 2 Camera Video System, Vulcan Series HD 500GB Hard Drive & GPS.

13. Manuals

- a. Operating, service and parts manuals shall be furnished to the District upon delivery of completed units.

14. Safety Test

- a. School bus must meet Colorado Rack test and Kentucky Pole Test. Documentation must be provided

15. Training

- a. Winning bidder to provide factory training to 2 technicians at Bus Manufacturers/Dealer Location free of charge to District.

16. Comparison vehicle

- a. A completed vehicle, similarly equipped to specifications as listed in these bid specifications, must be made available to the Affton School District Board and Transportation Department for inspection for comparison purposes.

17. Warranty

- a. Bidders to submit literature concerning chassis, chassis components, accessories, body and body components warranty coverage. **(Body and Chassis to have a Bumper to Bumper 2 year/Unlimited Miles Warranty) Excluding wearable items**

ADDENDUM 2
SCHOOL BUS SPECIFICATIONS

TYPE 2 – 71 PASSENGER TYPE “C” SCHOOL BUS

CHASSIS SPECIFICATIONS

1. General Description/Type-C Conventional, 71-Passenger

- a. Vehicles shall be new, 2018 model year (chassis and body).
- b. Wheel base not to exceed 273 inches maximum.
- c. Minimum interior headroom above floor covering, full 77 inches.

2. Engine and Related Equipment

- a. Cummins Diesel engine: minimum 200 H.P./ 520 Ft. Lbs. turbo charged, electronically controlled, In-line 6 cylinder configuration. **(5 Year/100,000 Mile Warranty)**
- b. Heavy duty dry element air filter with restriction indicator on housing.
- c. Heavy duty cooling system with expansion tank.
- d. Engine alarm system with low oil pressure, high engine temperature and low coolant level indicators.
- e. Block heater 750 watt, 110 volt, Plug in at rear of bus.
- f. Horton electric type engine cooling fan clutch.
- g. Electronically controlled cold weather starting aid.
- h. Primary fuel filter/water separator at rear axle.
- i. Secondary fuel filter, spin on type.
- j. Fast idle throttle control.
- k. Exhaust driver side exit, stainless steel, forward of rear tire assembly.

3. Transmission

- a. Heavy Duty Allison 2500 series automatic with synthetic fluid. **(7 Year/Unlimited Mile Warranty)**

4. Axles, Suspension and Steering

- a. 12,000 lb. capacity front axle with oil lubricated bearings.
- b. 10,000 lb. capacity parabolic front springs.
- c. 21,000 lb. capacity rear axle, single speed.
- d. 21,000 lb. capacity rear Springs.
- e. Front and rear dual action heavy-duty shock absorbers.
- f. Power steering.
- g. Tilt/Telescoping steering wheel.
- h. Rear End 5.29.

5. Electrical Equipment

- a. Alternator, 240 amps (12 volt) minimum.
- b. Dual electric horns.
- c. Three Group 31 Batteries Measuring minimum 3375 CA.

6. Instrumentation

- a. Complete instrumentation to include gauges for speedometer/odometer, fuel level, voltmeter, oil pressure and coolant temperature with lights to indicate directional signal operation, and park brake applied.
- b. Audible warning system, with lights, to indicate low oil pressure, high coolant temperature, low voltage and low fuel.

7. Brakes

- a. Hydraulic type, split, four wheel heavy duty disc brake rotors with anti-lock system.
- b. Four piston permanent mount calipers.
- c. Hydraulic power assist with electric back up pump. **(No accumulators)**
- d. Drive line internal expanding type park brake, 9 X 3 inch minimum.
- e. Audible warning system, with lights, to indicate low brake pressure and low boost pressure.

8. Fuel Tank

- a. 60 gallon minimum capacity, ICC/FVMSS approved, with crash barrier, mounted between frame rails.
- b. Fuel gauge sender access with cover.
- c. Spring loaded fuel tank filler Access door.

9. Wheels and Tires

- a. Disc wheels hub piloted, 10-hole, single front - dual rear.
- b. 11R22.5 14 ply Highway Tread Front and Full Traction Rear Tires.
- c. Front and rear wheels/tires balanced from factory.
- d. Rear rubber fenders.
- e. Front and rear mud flaps.

10. Front and Rear Bumpers

- a. Heavy duty, 3/16" minimum metal thickness.

11. Color

- a. Chassis, including wheels, Rub Rails and bumpers, shall be painted black.

12. Line Sheet

- a. A line setting sheet to be furnished for each chassis.

13. Warranty

- a. Bidders to submit literature concerning chassis, chassis components, accessories, body and body components warranty coverage.
(Body and Chassis to have a Bumper to Bumper 2 year/Unlimited Miles Warranty) Excluding wearable items.

BODY SPECIFICATIONS – 71 Passenger Type “C”

1. Body Construction

- a. Constructed to conform to Federal Motor Vehicle Safety Standards for joint strength and roll over protection.
- b. Four (4) formed rub rails shall be applied and riveted to the body sides at window level, at seat cushion level, at floor level and at lower edge of body skirt, all rub rails to be painted black.
- c. Seat level rub rails to extend around rear corners of body to emergency door posts.
- d. Fiberglass blanket insulation in body sides, back, front cowl, roof and roof caps.
- e. Exterior painted National School Bus Yellow with black trim/rub rails and **White Roof**.
- f. Interior painted White with medium tan trim.

- g. Interior body side panels from window level to seat cushion level to be aluminized steel with textured finish.
- h. Enclosed battery compartment with sliding tray and latching access hatch mounted in left body skirt.
- i. All body panels to be adequately rust protected prior to assembly, finished floor and chassis to be completely undercoated, including side skirts below floor line.
- j. Complete sound reduction spray full length of bus.
- k. Plywood treated sub floor of 5/8 inch.
- l. Heavy duty mud flaps to be installed at all four (4) wheel positions.
- m. Extra insulation in Driver's area.
- n. All painted surfaces must include a minimum of 5 year paint warranty with 2 year fade protection.

2. Doors

- a. Electrically operated outward opening entrance door with vandal lock.
- b. Rear center emergency door conforming to FMVSS217 for emergency exits with vandal lock.
- c. Fuel tank filler access door with lock.
- d. Left and right assist rail.

3. Windshield and Windows

- a. Two (2) or four (4) piece flat design windshield.
- b. Tinted, laminated AS-1 safety glass windshield with shaded top band.
- c. Split sash side windows with tempered glass-tinted with aluminum window frames.
- d. Upper and lower tempered tinted glass in emergency door and rear vision glass
- e. Four (4) hinged push out type emergency exit windows with AS-2 laminated tinted safety glass, two (2) on each side of bus. Each window shall be equipped with audible warning indicator.
- f. Front Driver's Side Windshield Plexiglas visor

4. Seats and Upholstery

- a. Seating must conform to FMVSS for crash protection
- b. Crash barrier in front of both front seats, with modesty panels
- c. All seats upholstered with fire block material in solid gray
- d. Padded and upholstered header pads above entrance and emergency doors will match seat upholstery or be in solid black.
- e. National 2000 Charcoal Driver Seat 6 Way Adjustable, Cloth Insert & Right Hand Armrest.
- f. Bright Orange 3 Point Driver Seat Belt.

5. Floor Covering

- a. Black smooth rubber in driver's area, under-seat areas and on interior wheel housings.
- b. Heavy duty ribbed rubber covering in aisle and on entrance steps plus white nosing on step treads.
- c. Extruded aluminum trim strips on all joints in floor covering.
- d. Cove molding at all floor to sidewall joints.

6. Heaters and Defrosters

- a. 90,000 BTU front heater and defroster with hot water control valve and two (2) speed blowers.
- b. 50,000 BTU stepwell heater with three speeds.
- c. 80,000 BTU under-seat Heater with 2 speeds.
- d. 50,000 BTU front under-seat heater with 2 speeds.
- e. Two(2) heater water shut off valves at engine connections.
- f. Metal covering on all interior heater hoses.
- g. Two(2) auxiliary multi directional two speed defroster fans. One (1) mounted on left side of driver above windshield area and one (1) in center of above windshield area.

7. Electrical Equipment

- a. All body circuits to be protected with fuses.
- b. All body wiring to be color and number coded, a detailed schematic to be provided by manufacturer.
- c. All body electrical components shall be wired through a solenoid to shut off electrical power with ignition in the off position.
- d. Two (2) four inch combination stop and tail lights.
- e. Two (2) seven inch combination stop and tail lights.
- f. Two (2) back up lights with audible alarm.
- g. Seven inch turn signals with amber lenses, no arrows, front and rear body mounted.
- h. Recessed LED identification if light extends from body and clearance lights mounted per regulations.
- i. Interior step well light and exterior landing light, both wired for automatic operation with entrance door control.
- j. Interior dome lights, dual rows with a minimum of ten (10) individual lights.
- k. Combination amber-red eight light warning system.
- l. Dual stop arms electrically operated and controlled with lighting.
- m. White, roof mounted strobe light mounted in accordance with Missouri regulations, light shall not extend higher than four inches above the highest point of the roof.
- n. Electric two (2) speed windshield wipers with single control and intermittent operation feature.
- o. Electric windshield washers with one (1) gallon reservoir.
- p. AM/FM/USB radio with P/A system and a minimum of eight (8) internal speakers.
- q. Sleeping child check.

8. Mirrors

- a. Exterior mirror system conforming to FVMSS standards and to include self-defrost heaters with remote control adjustment.
- b. 6 x 30 inch interior rear view mirror with padded edges and adjustable sun shade.

9. Roof Vent/Emergency Exit

- a. Two (2) roof vents/emergency exits with inside and outside release. Each vent shall be equipped with an audible warning indicator. One (1) vent to be installed in front mid-section and one (1) vent to be installed in rear mid-section.

10. Miscellaneous Equipment

- a. One (1) 5 lb. Fire extinguisher with hose, 2A/10BC minimum rating.
- b. One (1) first aid kit equipped as required, mounted on front interior header panel.
- c. One (1) reflective emergency triangular warning device kit, mounted on front floor.
- d. One (1) body fluid clean up kit with plastic container mounted on front interior header panel.
- e. Folding fender steps for windshield access and suitably located assist handles on each side of the bus.
- f. Electric crossing arm device, with non-metallic arm, wired for automatic operation with the red 8-way warning lamps with interrupt circuit operated by momentary on button.
- g. Driver Overhead Locking Compartment mounted to as opening is not interfered with by mirror.

11. Lettering

- a. Lettering – To be determined prior to delivery by the Affton School District.
- b. Rear emergency door and side emergency exit windows to be identified with minimum two (2) inch tall black letters, both inside and outside above exits, to read "Emergency Door" over rear door and "Emergency Exit" over exit windows.
- c. Emergency roof exits/vents to be identified with minimum two (2) inch tall black letters on interior roof, to read "Emergency Exit".

12. AngelTrax- 2 Camera Video System, Vulcan Series HD 500GB Hard Drive & GPS.

13. Manuals

- a. Operating, service and parts manuals shall be furnished to the District upon delivery of completed units.

14. Safety Test

- a. School bus must meet Colorado Rack test and Kentucky Pole Test. Documentation must be provided.

15. Training

- a. Winning bidder to provide factory training to 2 technicians at Bus Manufacturers/Dealer Location free of charge to District.

16. Comparison vehicle

- a. A completed vehicle, similarly equipped to specifications as listed in these bid specifications, must be made available to the Affton School District Board and Transportation Department for inspection for comparison purposes.

17. Warranty

- a. Bidders to submit literature concerning chassis, chassis components, accessories, body and body components warranty coverage. **(Body and Chassis to have a Bumper to Bumper 2 year/Unlimited Miles Warranty) Excluding wearable items**

**ALTERNATE ADDENDUM 1
USED SCHOOL BUS SPECIFICATIONS**

TYPE 3 – USED 77 PASSENGER TYPE “C” SCHOOL BUS

Type 3 Buses should include the specifications from Addendum 1 with the following exceptions:

1. Buses may be model year 2016 or newer.
2. Buses must have less than 25,000 miles.

Bids included in this alternate must include exact specifications including model year and mileage of each vehicle bid.

**ALTERNATE ADDENDUM 2
USED SCHOOL BUS SPECIFICATIONS**

TYPE 4 – USED 71 PASSENGER TYPE “C” SCHOOL BUS

Type 4 Buses should include the specifications from Addendum 2 with the following exceptions:

1. Buses may be model year 2016 or newer.
2. Buses must have less than 25,000 miles.

Bids included in this alternate must include exact specifications including model year and mileage of each vehicle bid.

**AFFTON SCHOOL DISTRICT
SCHOOL BUS RFP BID SHEET**

BUS BID PRICES

	TYPE 1	TYPE 2	TYPE 3	TYPE 4
MODEL YEAR				
MANUFACTURER				
PRICE PER UNIT				

TRADE-IN VALUE QUOTES

YEAR	MANUFACTURER	VIN	CURRENT MILEAGE	TRADE-IN AMOUNT
2001	THOMAS FREIGHTLINER	4UXAAXAL61CJ20786	107,644	
2003	THOMAS FREIGHTLINER	4UZAAXAL13CK49067	97,192	
2004	INTERNATIONAL	4DRBRABP94B968764	77,498 (Broken Odometer)	
2004	INTERNATIONAL	4DRBRABP44B962659	69,332 (Broken Odometer)	
2007	INTERNATIONAL	4DRBUAFP77B354907	75,846	

COMPANY NAME

STREET ADDRESS

CITY STATE ZIP

E-MAIL ADDRESS

AUTHORIZED REPRESENTATIVE

TELEPHONE

DATE

SIGNATURE