

Invitation to Bid
SCHOOL BUSES TYPE C
2016-66-C/ 2016-78-C

Responses to an Invitation to Bid will be received by the Purchasing Coordinator, Sumner County Board of Education, 1500 Airport Road, Gallatin, TN 37066 for SCHOOL BUSES 2016-66-C and 2016-78-C until 9:00 a.m. CST Tuesday, May 24, 2016. Bid responses will be opened at that time, taken under advisement and evaluated. Should you have any questions please call Kevin Kepley @ 615-452-1520. All proposals are subject to the Board of Education's conditions and specifications which are available from Vicky Currey, Purchasing Supervisor (615) 451-6560. All bids can be viewed on line at www.sumnerschools.org.

NOTICE TO RESPONDENTS

Responses to an Invitation to Bid will be received by the Purchasing Coordinator in the SUPPORT SERVICE FACILITY CONFERENCE ROOM, Sumner County Board of Education, 1500 Airport Road Gallatin, TN 37066. They will be received until **9:00 A.M. CDT TUESDAY MAY 24, 2016** for **SCHOOL BUSES 2016 Type C** at which time the responses will be opened, taken under advisement and evaluated. **BIDS WILL BE POSTED ON www.sumnerschools.org**

GENERAL REQUIREMENTS AND CONDITIONS

1. The Sumner County Board of Education reserves the right to accept or reject any and/or all responses in whole or in part, and to waive informalities therein.
2. Any responses received after the scheduled closing time for the receipt for responses will not be considered.
3. If a mistake is discovered after the responses are received, only the Sumner County Board of Education may allow the respondent to withdraw the entire response.
4. Partial payments will not be approved unless justification for such payment can be shown. Terms will be net 30 days.
5. Payment will not be made until the said **SCHOOL BUSES 2016 66-C 2016-78-C** are inspected and approved as meeting all specifications by persons appointed by the Sumner County Board of Education.
6. Responses submitted must be in a sealed envelope and marked on the outside as follows:
RESPONSE: SCHOOL BUSES 20160524-01
DEADLINE: 9:00 A.M. TUESDAY, May 24, 2016
7. Facsimile responses will not be considered.
8. If a successful bidder violates any terms of their bid, the contract, school board policy or any law they may be disqualified from bidding for a period of two years for minor violations or longer for major violations. Bids from disqualified bidders will not be accepted during the period of disqualification.
9. Prices quoted on the response (if any) are to be considered firm and binding until the said **SCHOOL BUSES 2016—78-C and 2016-66-C** are in the possession of the Sumner County Board of Education.
10. No purchase or contract is authorized or valid until the issuance of a Board Purchase Order in accordance with Board Policy. No Board Employee is authorized to purchase equipment, supplies or services prior to the issuance of such a Purchase Order.
11. Any deviation from these stated terms, specifications and conditions must be coordinated with and approved in writing by the Purchasing Coordinator, Vicky Currey (615) 451-6560.
12. All bids that exceed \$25,000 must have the Company Name, License Number, Expiration Date thereof and License Classification of Contractor listed on outside of sealed envelope. As required by State of Tennessee Code Annotated 62-6-119.
13. The awarded bidder will be required to post a performance and payment bond in the amount of 25% of the contract price if it exceeds \$100,000 as stated by State of Tennessee Code Annotated 12-4-201.

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|--------------------------|--|-------------------|------------------|------------------------------|
| | Sumner County Schools 66 passenger Conventional School Bus Specifications | | | |
| | Quantity: 3 | | | |
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| Notes to Bidder: | 1. Bidder must have a fully licensed in-state sales and service facility. State Dealer License # is _____ | | | |
| | 2. Salesman's dealer license # is _____ | | | |
| | 3. You must return a copy of these specs with your bid response noting all exceptions and deviations. | | | |
| | 4. Factory direct deliveries are not acceptable, product must have a pre-delivery inspection at in-state facility. | | | |
| | 5. Please state earliest delivery date: | | | |
| | | | | |
| <u>Equipment</u> | <u>Description</u> | <u>YES</u> | <u>NO</u> | <u>List Exception</u> |
| | | | | |
| Bus Type | C | | | |
| TN Specifications | Must meet all state and federal school bus requirements | | | |
| Engine location | Front, tilt hood | | | |
| Year Model | New model 2017 or newer | | | |
| Seating Capacity | 66 | | | |
| Delivery | 1500 Airport Rd, Gallatin, TN 37066 | | | |
| Manuals | Include owners manual | | | |
| Service Training | Provide a minimum of 12 hours product service training | | | |
| | at no charge for body and chassis components | | | |
| Warranty-Body | List bumper to bumper warranty | | | |
| | | | | |
| <u>CHASSIS</u> | <u>CHASSIS</u> | | | |
| Axle Ratio | 5.29 or 65mph road speed | | | |
| Air Compressor | 18.7 CFM, minimum | | | |
| Air dryer | Merator Wabco SS 1200 - parts # 5400850-7010 or Bendix AD-9 w/ Heater | | | |
| Air tanks | 3,460 cubic inch capacity, minimum or 12x capacity of brake chambers | | | |
| Alternator | 200 amp, Delco | | | |
| Axle , front | 14,000 lbs. oil bath with synthetic lube | | | |
| Axle, rear | 20,000 lbs. with synthetic lube | | | |

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|---------------------------|--|--|--|
| Batteries | 3 - 1950 CCA | | |
| Block Heater | 750 watt with bumper mounted recepticle | | |
| Brakes | Outboard drum type w/ auto slack adjusters | | |
| Brakes | ABS with diagnostic light in dash | | |
| Brakes, front | 16.5"x5" minimum | | |
| Brakes, rear | 16.5" X 7" minimum | | |
| Bumper 3/16" steel, front | 12" with crossing control arm and stowage bracket | | |
| Bumper 3/16" steel, rear | Concave design | | |
| Cooling system | Radiator to have 700 or greater square inches | | |
| Driveline | Guards around each shaft | | |
| Engine Rating | 220 HP. Minimum | | |
| Engine Type | Inline 6 cylinder diesel, Cummins ISB, no exceptions | | |
| Exhaust | Below rear or through left bumper with exhaust mitigator | | |
| Frame | 50,000 lbs. psi with rear mounted tow hooks | | |
| Fuel filter | Cartridge type at the engine | | |
| Fuel / Water separator | Davco 243 or Fleetguard with heater | | |
| Fuel Tank | 60 gal. between frame rails, fuel door with thumb latch | | |
| Fuel Tank | Include fuel fill door & sender access plate at interior floor | | |
| High/low Idle switch | Dash mounted | | |
| Instruments | Speedometer, Voltmeter, Oil pressure, Dual air gauges | | |
| Instruments | Transmission temperature gauge, fast idle switch | | |
| Instruments | Air filter restriction indicator, cruise control | | |
| Shocks | Front and rear | | |
| Springs, front | 3 leaf parabolic front springs rated at 10,000 lbs. | | |
| Suspension | Comfort trac 52" rear springs with 20,000 lbs. rating | | |
| Starting aid | Grid heater | | |
| Steering wheel | Tilt and telescopic steering column | | |
| Tires | Seven (7) 11R22.5 16 ply, Michelin, mounted spare | | |
| Tow hooks | Front and rear mounted | | |
| Transmission | Allison 2500 Series 5 speed, transynd fluid & fuel sense | | |
| Wheel Base | 254" or greater (list exact wheelbase) | | |
| Wheels | Disc hub piloted, 22.5 X 8.25 powder coated black | | |
| Wiring | Color & number coded-full multiplex body and chassis | | |

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|-----------------------|--|--|--|--|
| Warranty-Engine/Trans | 5 year engine and transmission warranties | | | |
| <u>BODY</u> | <u>BODY</u> | | | |
| Access Panels | Located above windshield and driver, access without tools | | | |
| Body Mounts | Two bolts required for each body mount | | | |
| Child Reminder | Passenger advisory system (not in side panel) CRS brand | | | |
| Defroster fans | Dual 6" dash mounted fans | | | |
| Door, emergency | upper & lower tinted glass with vandalock | | | |
| Door, entrance | Three position air outward opening with vandalock | | | |
| Directional Front | Turn signals integrated into headlights | | | |
| Driver Arm Rests | prefer Dual folding | | | |
| Storage | Safety Compartment in front header or behind driver's seat | | | |
| Emergency exits | 2 - push out windows w/ buzzers | | | |
| Emergency exits | 2 - roof hatches, to be Specialty Pro Lo 9000 | | | |
| Flooring | Black floor covering and Koroseal pebble entrance steps | | | |
| Flooring | 5/8" plywood with metal aisle trim | | | |
| Flooring | Rubber over wheelhousings | | | |
| Headroom | 77 inches, minimum | | | |
| Headlining | Acoustic headlining full length of bus | | | |
| Heaters | 91,000 BTU front 84,000 BTU rear w/ removable filter | | | |
| Heaters | Booster pump and stepwell heater 30,000 BTU's min. | | | |
| Heaters | heater cut off valve(s) | | | |
| Identification | 6" Black letters, both sides/6" numbers-four sides | | | |
| Identification | 3/4" x 3" yellow right side rear bumper showing year model | | | |
| Insulation | Insulation in roof, front, rear, and side walls. R value = 6.0 | | | |
| Insulation | 1/2" sound absorbing foam installed under driver toeboard | | | |
| Lights | Dome lights to have dual rows with driver dome light | | | |
| Lights | Halogen headlights with daytime runing light feature | | | |
| Lights | Warning lights to be LED | | | |
| Lights | Marker, stop, tail directional, reverse, side lights to be LED | | | |
| Lights | Headlights (wig-wag) when red lights are activated | | | |
| Mirrors | Interior - 6" X 30" non-glare with visor, heated crossview | | | |

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|--------------------------------|--|--|--|--|
| Mirrors | Roscoe duostyle-remote & heated with 15 minute timer | | | |
| Mud Flaps | Front and Rear | | | |
| Paint | Yellow body with white roof, black rub rails and pilasters | | | |
| Parts Report | Copy of complete Bus Parts printout "on-line" no charge | | | |
| Reflective Tape | "SCHOOL BUS" front and rear caps to be reflective | | | |
| Reflective Tape | Side pushout windows and 2" rear of bus, 2" sides | | | |
| Reflectors | To be mechanically attached | | | |
| Roof Bows | One piece | | | |
| Rub rails | Provide four rubrails, painted black | | | |
| Radio | AM/FM/CD/Page/ 6 int. speakers, 1 ext. speaker | | | |
| Safety | Fire Ext, Body Fluid kit, Flares, First Aid Kit, Seat Belt Cutter | | | |
| Safety Compartment | FE, FAK, BFK mounted in bulk head compartment or behind driver's seat | | | |
| Seat Frames | Frames to be powder coated, black | | | |
| Seat Space | 27" minimum knee space, include seat plan drawing | | | |
| Seat Barriers | Blue fire block, kick panel-right side, storage pouch-left side | | | |
| Seats / Driver | Air ride, pedistal cover, 2 shocks, fabric insert | | | |
| Seats / Driver | Lap/shoulder belt with warning indicator, adjustable back | | | |
| Seats / Passenger | 39" DOT fire block blue upholstery | | | |
| First 4 Passenger Seats | Safeguard Intergrated Safety Seats - ICS | | | |
| Side Panels | Interior - Aluminized steel side walls | | | |
| Solenoid | Disconnect all body circuits, 100 amp minimum | | | |
| Strobe | Roof mounted Specialty 515-400 with guard or equal | | | |
| Stoparm | Transpec 2000 or Speciality air Operated with polycarbonate cross arm | | | |
| Vents | 2 - driver's fresh air & static roof vent | | | |
| Windows, Passenger | Black frames with 12" openings, tinted glass | | | |
| Windows Driver | Double sliding, aluminum sash, tempered | | | |
| Windshield | tinted, bonded in place, tinted band across top | | | |
| Windshield | 2 grip handles beside windshield and cowl steps | | | |
| Wipers | Intermittent feature on turn signal lever | | | |
| Wiring | Color & number coded | | | |
| Radio-Two way | Installed at bus garage by Davis Electronics 615-666-2450 | | | |
| Customer Fuse block | Allows electrical access without using multiplex wiring | | | |
| Backing Alarm | 112 db required | | | |

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| Document Holder | To meet State specs | | | |
| Switch | Noise suppression switch to be provided | | | |
| Lettering | "Sumner County Schools" #'s supplied to successful bidder | | | |
| Grille | Chrome grille, hood intake plenum, and headlight bezels | | | |
| Camera system | Fortress brand four head digital camera system with GPS | | | |
| Seats/Additional | First five rows left and right to include integrated child seats | | | |
| Fenders | Rubber or metal fenders around rear wheel opening | | | |
| Radio-two way antenna | MAXRAD MUF4500M | | | |
| Radio-two way model | Kenwood TK 8180 HK 45 watts | | | |
| Radio-two way braket | KMB-10 | | | |
| Radio-two way speaker | KES 3 | | | |
| Keys | All units to have common key | | | |
| Battery Box | Shall be frame mounted with battery cut off switch in box | | | |

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|--------------------------|--|-------------------|------------------|------------------------------|
| | Sumner County Schools 78 passenger Conventional Front Engine School Bus Specifications | | | |
| | Quantity: 13 | | | |
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| Notes to Bidder: | 1. Bidder must have a fully licensed in-state sales and service facility. State Dealer License # is _____ | | | |
| | 2. Salesman's dealer license # is _____ | | | |
| | 3. You must return a copy of these specs with your bid response noting all exceptions and deviations. | | | |
| | 4. Factory direct deliveries are not acceptable, product must have a pre-delivery inspection at in-state facility. | | | |
| | 5. Please state earliest delivery date: | | | |
| | | | | |
| <u>Equipment</u> | <u>Description</u> | <u>YES</u> | <u>NO</u> | <u>List Exception</u> |
| | | | | |
| Bus Type | C | | | |
| TN Specifications | Must meet all state and federal school bus requirements | | | |
| Engine location | Front | | | |
| Year Model | New model 2017 or newer | | | |
| Seating Capacity | 78 | | | |
| Delivery | 1500 Airport Rd, Gallatin, TN 37066 | | | |
| Manuals | Include owners manual | | | |
| Service Training | Provide a minimum of 12 hours product service training | | | |
| | at no charge for body and chassis components | | | |
| Warranty-Body | Please Specify Warranty | | | |
| | | | | |
| <u>CHASSIS</u> | <u>CHASSIS</u> | | | |
| Axle Ratio | 5.29 or greater or 65mph road speed | | | |
| Air Compressor | 18.7 CFM, minimum | | | |
| Air dryer | Merator Wabco SS 1200 - parts # 5400850-7010 or Bendix AD-9 w/ heater | | | |
| Air tanks | 4,500 cubic inch capacity, Bendix DV-2 with Heater | | | |
| Alternator | 200 or greater amp, Delco | | | |
| Axle , front | 14,000 lbs. minimum with oil bath with synthetic lube | | | |
| Axle, rear | 20,000 minimum lbs. with synthetic lube | | | |

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|---------------------------|--|--|--|
| Batteries | 3- 1950 cca | | |
| Battery Emgcy Disconnect | Factory Installed in Battery Department | | |
| Block Heater | 750 watt with bumper mounted recepticle | | |
| Brakes | Outboard drum type w/ auto slack adjusters | | |
| Brakes | ABS with diagnostic light in dash | | |
| Brakes, front | 16.5"x5" minimum | | |
| Brakes, rear | 16.5" X 7" minimum | | |
| Bumper 3/16" steel, front | 12" with crossing control arm and stowage bracket | | |
| Bumper 3/16" steel, rear | Concave design | | |
| Cooling system | Radiator to have at least 710 square inches | | |
| Driveline | Guards around each shaft | | |
| Engine Rating | 220 HP. Minimum | | |
| Engine Type | Inline 6 cylinder diesel, Cummins ISB, no exceptions | | |
| Exhaust | Below rear bumper or left side bumper with exhaust mitigator | | |
| Frame | 50,000 lbs. psi with rear mounted tow hooks | | |
| Fuel filter | Fuel Water Separartor/ Cartridge type at the engine | | |
| Fuel / Water separator | Davco 382-C with heater or Fleetgurad | | |
| Fuel Tank | 60 gal. between frame rails, fuel door with thumb latch | | |
| Fuel Tank | Include fuel fill door & sender access plate at interior floor | | |
| High/low Idle Throttle | Electronic | | |
| Instruments | Speedometer, Voltmeter, Oil pressure, Dual air gauges | | |
| Instruments | Transmission temperature gauge, fast idle switch | | |
| Instruments | Air filter restriction indicator, cruise control | | |
| Shocks | Front and rear | | |
| Springs, front | 3 leaf parabolic front springs comenserate with GVWR | | |
| Suspension | Comfort trac 52" rear springs with 20,000 lbs. rating | | |
| Starting aid | Grid heater | | |
| Steering wheel | Tilt and telescopic steering column | | |
| Tires | Seven (7) 11R22.5 16 ply, Michelin, mounted spare | | |
| Tow hooks | Front and rear mounted | | |
| Transmission | Allison 2500 Seriesn or greater 5 speed, transynd fluid & fuel sense | | |
| Wheel Base | 259" or greater (list exact wheelbase) | | |
| Wheels | Disc hub piloted, 22.5 X 8.25 powder coated black | | |

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|-----------------------|--|--|--|--|
| Wiring | Color & number coded-full multiplex body and chassis | | | |
| Warranty-Engine/Trans | 5 year engine and transmission warranties | | | |
| <u>BODY</u> | <u>BODY</u> | | | |
| | | | | |
| Access Panels | Located above windshield and driver, access without tools | | | |
| | | | | |
| Body Mounts | Two bolts required for each body mount | | | |
| Child Reminder | Passenger advisory system (not in side panel) | | | |
| Defroster fans | Dual 6" dash mounted fans | | | |
| Door, emergency | upper & lower tinted glass | | | |
| Door, entrance | Three position air outward opening with vandalock | | | |
| Directional Front | Turn signals integrated into headlights | | | |
| Driver Arm Rests | Dual folding | | | |
| Header Storage | Safety Compartment in front header and over driver window | | | |
| Emergency exits | 4 - push out windows w/ buzzers | | | |
| Emergency exits | 2 - roof hatches, to be Specialty Pro Lo 9000 | | | |
| Flooring | Black floor covering and Koroseal pebble entrance steps | | | |
| Flooring | 5/8" plywood with metal aisle trim | | | |
| Flooring | Rubber over wheel housings | | | |
| Headroom | 77 inches, minimum | | | |
| Headlining | Acoustic headlining full length of bus | | | |
| Heaters | 190,000 BTU front & rear combination w/ removable filter | | | |
| Heaters | Booster pump and stepwell heater 30,000 BTU's min. | | | |
| Heaters | Heater cut off valve(s) | | | |
| Identification | 6" Black letters, both sides/6" numbers-four sides | | | |
| Identification | 3/4" x 3" yellow right side rear bumper showing year model | | | |
| Insulation | Insulation in roof, front, rear, and side walls. R value = 5.7 | | | |
| Insulation | 1/2" sound absorbing foam installed under driver toeboard | | | |
| Lights | Dome lights to have dual rows with driver dome light | | | |
| Lights | LED headlights with daytime running light feature | | | |
| Lights | Warning lights to be LED | | | |
| Lights | Marker, stop, tail directional, reverse, side lights to be LED | | | |
| Lights | Headlights (wig-wag) when red lights are activated | | | |

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|----------------------------|---|--|--|--|
| Mirrors | Interior - 6" X 30" non-glare with visor, heated crossview | | | |
| Mirrors | Roscoe accustyle-remote & heated with 15 minute timer | | | |
| Mud Flaps | Front and Rear | | | |
| Paint | Yellow body with white roof, black rub rails and pilasters | | | |
| Parts Report | Copy of complete Bus Parts printout "on-line" no charge | | | |
| Reflective Tape | "SCHOOL BUS" front and rear caps to be reflective | | | |
| Reflective Tape | Side pushout windows and 2" rear of bus, 2" sides | | | |
| Reflectors | To be mechanically attached | | | |
| Roof Bows | One piece | | | |
| Rub rails | Provide four rubrails, painted black | | | |
| Radio | AM/FM/CD/Page/ 6 int. speakers, 1 ext. speaker | | | |
| Safety | Fire Ext, Body Fluid kit, Flares, First Aid Kit, Seat Belt Cutter | | | |
| Safety Compartment | FE, FAK, BFK to be mounted in bulk head compartment or behind driver's seat | | | |
| Seat Frames | Frames to be powder coated, black | | | |
| Seat Space | 26" minimum knee space, include seat plan drawing | | | |
| Seat Barriers | Blue fire block, kick panel-right side, storage pouch-left side | | | |
| Seats / Driver | Air ride, pedistal cover, 2 shocks, fabric insert | | | |
| Seats / Driver | Lap/shoulder belt with warning indicator, adjustable back | | | |
| Seats / Passenger | 39" DOT fire block blue upholstery | | | |
| | | | | |
| Side Panels | Interior - Aluminized steel side walls | | | |
| Solenoid | Disconnect all body circuits, 100 amp minimum | | | |
| Strobe | Roof mounted Specialty 515-400 with guard or equal | | | |
| Stoparm | Transpec 2000 Air Operated with polycarbonate crossarm | | | |
| Vents | 2 - driver's fresh air & static roof vent | | | |
| Windows, Passenger | Black frames with 12" openings, tinted glass | | | |
| Windows Driver | Double sliding, aluminum sash, tempered | | | |
| Windshield | tinted, bonded in place | | | |
| Windshield | 2 grip handles beside windshield and cowl steps | | | |
| Wipers | Intermittent feature on turn signal lever | | | |
| Wiring | Color & number coded | | | |
| Radio-Two way | Installed at bus garage by Davis Electronics 615-666-2450 | | | |
| Customer Fuse block | Allows electrical access without using multiplex wiring | | | |

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|-----------------------|---|--|--|--|
| Backing Alarm | 112 db required | | | |
| Document Holder | To meet State specs | | | |
| Switch | Noise suppression switch to be provided | | | |
| Lettering | "Sumner County Schools" #'s supplied to successful bidder | | | |
| Grille | Chrome grille, hood intake plenum, and headlight bezels | | | |
| Camera system | REI VMS brand four head digital camera system with GPS | | | |
| Fenders | Rubber or metal fenders around rear wheel opening | | | |
| Radio-two way antenna | MAXRAD MUF4500M | | | |
| Radio-two way model | Kenwood TK 8180 HK 45 watts | | | |
| Radio-two way braket | KMB-10 | | | |
| Radio-two way speaker | KES 3 | | | |
| Keys | All units to have common key | | | |
| Battery Box | Shall be frame mounted with battery cut off switch in box | | | |

SUMNER COUNTY BOARD OF EDUCATION

Purchasing Department
1500 Airport Road
Gallatin, TN 37066

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____

EMAIL _____

AUTHORIZED COMPANY REPRESENTATIVE _____ *SIGNATURE*

AUTHORIZED COMPANY REPRESENTATIVE _____ *PRINTED*

DATE _____

BID TITLE 20160524-01 School Buses

DEADLINE May 24, 2016 @ 9:00 a.m. local Time

| <u>QTY</u> | <u>DESCRIPTION</u> | <u>PRICE/EACH</u> | <u>EXTENDED TOTAL</u> |
|------------|--------------------|-------------------|-----------------------|
| 3 | 2016-66-C | \$ _____ | \$ _____ |
| 13 | 2016-78-C | \$ _____ | \$ _____ |

BID AMOUNT \$ _____

BID GOOD THRU _____

NOTES: _____

