

	Sumner County Schools 84 passenger Transit Bus Front Engine School Bus Specifications			
	Quantity: 12			
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 _____			
	4. You must return a copy of these specs with your bid response noting all exceptions and deviations.			
	5. Factory direct deliveries are not acceptable, product must have a pre-delivery inspection at in-state facility.			
	6. Please state earliest delivery date:			
<i>Equipment</i>	<i>Description</i>	<i>YES</i>	<i>NO</i>	<i>List Exception</i>
Bus Type	D			
TN Specifications	Must meet all state and federal school bus requirements			
Engine location	Front			
Year Model	New model 2021 or newer			
Seating Capacity	84			
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 @ SCS			
Warranty-Body	Specify 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 equivalent			
Air tanks	4,500 cubic inch capacity, Bendix DV-2 with Heater			
Alternator	200 or more amp, Delco or Leece Neville			
Axle , front	13,200 lbs. minimum with oil bath with synthetic lube			
Axle, rear	23,000 minimum lbs. with synthetic lube			
Batteries	3 - 1950 CCA 31 series			
Battery Emgcy Disconnect	Factory Installed in Battery Department			

Block Heater	750 watt with bumper mounted receptacle
Brakes	Outboard drum type w/ auto slack adjusters
Brakes	ABS with diagnostic light in dash
Brakes, front	16.5" x 6" minimum
Brakes, rear	16.5" X 8- 5/8" 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 745 or greater square inches
Driveline	Guards around each shaft
Engine Rating	220 HP. Minimum
Engine Type	Springgs, f2.3 ()5 (iou33 Td#5ear)TMC /P AMC198 BDC -20.707 -1J8ront fas3 idluier, Scti5.1 (i)2.3 (n11 (t)5 (i)2E)2.3 5iR f 5ori13 (f)5yafowd (i)2/P AMCID 114 BororuitrSDtios9.1 () Inline 6 cylinder diesel, Cummins ISB, no exceptions
Exhaust	Below rear 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 compatible product
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	ST (e at)5.1 (i3 (ngs)11D 107 s)11 (cs9.1 (papcont)5 (ui)2.3 (s)1 e.7 (R)2.4 (f)5 co
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 frontPMC /Pentatch

BODY	BODY			
Access Panels	Located above windshield and driver, access without tools			
Child Reminder	Passenger advisory system (not in side panel) CRS brand			
Crossarm	Electric Operated polycarbonate crossarm			
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	LED Lights in Turn Signal			
Driver Arm Rests	Dual folding or right folding and left console			
Header Storage	Safety Compartment in front header or over windshield			
Emergency exits	4 - push out windows w/ buzzers			
Emergency exits	2 - roof hatches, Specialty Pro Lo 9000 or Spheros equivalent			
Flooring	Black floor covering and Koroseal pebble entrance steps			
Flooring	1/2" or greater plywood with metal aisle trim			
Flooring	Rubber over wheelhousings			
Headroom	77 inches, minimum			
Headlining	Acoustic headlining full length of bus			
Heaters	190,000 BTU front & rear combination w/ removable filter			
Heaters	and stepwell heater 30,000 BTU's min. or integrated vents w/ front heater and defrost			
Heaters	Dash mounted water regulator valve			
Heaters	Driver heater mounted on floor behind driver seat			
Heaters	Dual heater cut off valves			
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 running light feature			
Lights	Warning lights to be LED with sun visor			
Lights	Marker, stop, tail directional, reverse, side lights to be LED			
Lights	Headlights (wig-wag) when red lights are activated			
Mirrors	Interior - 10" 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

Document Holder	To meet State specs			
Switch	Noise suppression switch to be provided			
Lettering	"Sumner County Schools" #'s supplied to successful bidder			
Grille	Chrome or yellow grille, hood intake plenum, and headlight bezels			
Camera system	Safety Vision - contact rep. - Frank Bowden @ 713.929.1086 - See attachment			
Camera GPS antenna	Please see attachment - Safety Vision			
Fenders	Rubber or metal fenders around rear wheel opening			
GPS UNITS	to be installed at Sumner County Bus Garage by Davis Electronics 615-666-2450			
GPS UNITS	GPS to be supplied by Sumner County Schools			
Keys	All units to have common key			
Battery Box	Shall be frame mounted with battery cut off switch in box			
Under Carriage Storage	23.3 cubic ft. on driver's side and 27.2 cubic ft. on passenger side or equivalent			

Safety Vision

6100 W. Sam Houston Pkwy.

Houston, TX 77041

Phone: 713 896 6640

Fax: 713-896-6640

Thank you for your request for proposal

If you have any questions or issues, just call us **TOLL FREE** at 1-800-880-8855

Stop Arm Camera Solution

2 External Cameras / 5 Internal Cameras

4112-HVR-1TBHDD	4112-HVR Kit With Standard 1TB Hard Drive
41-GPS	GPS Module for 41 Series
41-PWRHRNS	Power Harness 4000/4100/4108/4112/4116
41-TRIGGER	Trigger Harness for 41 Series
4112-1TB-HDD	1 TB hard drive
4112-HVR	12 chan rec-8 analog 4 IP cam
SV-BATTERY-AAA	Alkaline AAA Battery
41-PANIC-KIT	Panic Button Kit for 41's
41-PANIC	Panic Button for 4108/4112/4116
41-PANIC-CABLE	Cable for 41-Panic. Use with all but the 4000HYB
4108-USB	3ft usb a to b
41-UPS	UPS back-up battery for the 4000-HVR, 4100-HVR & 4112-HVF

SV-DECAL Audio & Video Decal