	Sumner County Schools 84 passenger Transit Bus Front Engine Scho	ol Bus S	Specif	ications			
	Quantity: 12						
Notes to Bidder:	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:						
<u>Equipment</u>	<u>Description</u>	<u>YES</u>	<u>NO</u>	List Exception			
Bus Type							
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						

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 Springgs, f2.3 ()5 (iou33 Tdf5ear)TEMC /P AMCI98 BDC -20.707 -1]8ront fas3 idluier,Scti5.1 (i)2.3 (n11 (t)5 (i)2El)2.3 5iR f 5ori13 (f)5yafowd (i)2/P AMCID 114 BororuitrSDtios9.1 (Inline 6 cylinder diesel, Cummins ISB, no exceptions Engine Type 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 Speedometer, Voltmeter, Oil pressure, Dual air gauges Instruments ST (e at) 5.1 (i.3 (ngs) 11D) Transmission temperature gauge, fast idle switch 107 s)11 cs9.1 (papcont)5 ui)2.3 (s)1 e.7 (R)2.4f)5 Instruments Instruments Air filter restriction indicator, cruise control

Block Heater

Shocks

Springs, front

750 watt with bumper mounted recepticle

Front and rear

3 leaf parabolic front springs comenserate with GVWR frontPMC /Prentatch

	T		
BODY	BODY		\dashv
Access Panels	Located above windshield and driver, access without tools		
Child Reminder	Passenger advisiory 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 Emergency exits	Safety Compartment in front header or over windshield 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 hea	ter and de	efrost
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 runing 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		

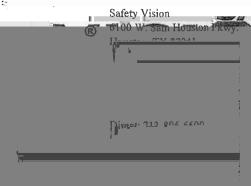
Mirrors Roscoe accustyle-remote & heated with 15 minute timer

Mud Flaps Front and Rear

Paint Yellow body with white roof, black rub rails and pilasters

Parts Report

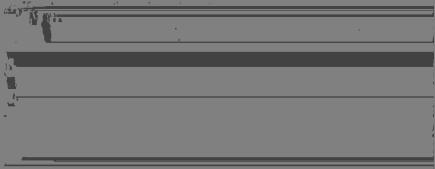
Document Holder	To meet State specs	
Document Holder	<u> </u>	
Switch	Noise suppression switch to be provided	
Lettering	"Sumner County Schools" #'s supplied to successful bidder	
Grille	Chrome or yellow grille, hood intake plenum, and headlight bezels	
	Safety Vision - contact rep Frank Bowden @ 713.929.1086 - See	
Camera system	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	



Fax: 713-896-6640

A THE RESERVE

Thank you for your request for proposal



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