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REQUEST FOR SCHOOL BUS PROPOSALS

The Champlain Valley School District will accept electronic bid proposals for the purchase of one 30 passenger bus with two wheelchair stations for our school district that meet Federal Motor Vehicle Safety Standards (FMVSS); requirements of the State of Vermont and requirements of the National School Transportation Specifications and Procedures in effect on date of manufacture. All other specifications are attached. Due to the current COVID-19 pandemic, we require proposals to be submitted electronically to CVSDSealedBids@cvsdvt.org by 10:00 a.m. on Thursday, June 4, 2020. The bid opening will be via Google Hangout at 11:00 a.m. on Thursday, June 4, 2020. If you would like to join the bid opening please email Bridget Thomas at bthomas@cvsdvt.org by 10:00 a.m. on Monday, June 1, 2020. It is the District's intent to place the bus order in June 2020, with a preference for delivery of the bus no later than January 2021.

- 1.0 In determining the successful bidder, consideration will be given to price, financial responsibility of the bidder, responsiveness to specifications and the bidders' past experience.
- 2.0 The school board reserves the right to accept any bid or reject any bid or all bids or to award the contract on such basis as the school board deems to be in its best interest.
- 3.0 The school district is exempt from payment of federal, state and local taxes. Therefore, taxes should not be included in the proposed prices that are submitted.
- 4.0 Workmanship throughout shall conform to the highest standard of commercially accepted practice for the class of work and shall result in a neat and finished appearance.
- 5.0 Bids will be accepted as follows:
 - 5.1 Chassis and body combined
QTY 1 - one 30 passenger bus with two wheelchair stations
- 6.0 Choice of body manufacturer may be determined by preference as well as by price.
- 7.0 Documents and Publications: Bidders are **required** to furnish with their bids basic specifications, chassis/body layout drawings and appropriate warranty. A list of all Special Equipment (including parts numbers, color code, etc.) used on the chassis/body must be furnished. Successful bidder shall furnish the following items for each chassis/body that is purchased:
 - 7.1 Application for certificate of title
 - 7.2 Operators manual.

- 7.3 Warranty certificate covering all items chassis/body/engine/transmission.
 - 7.4 One (1) Parts and Service Repair Manual for body/chassis on CD-ROM or a downloadable PDF file containing the required information. These files and CD's must contain an index with page numbers.
 - 7.5 Manufacturer's Statement of Origin
 - 7.6 One build sheet (line-setting ticket) including all parts, information relating to the chassis/body, to include all engine information (S/N), transmission information (S/N).
- 8.0 Warranty – Bidder shall warrant for five (5) years/unlimited miles the entire power train (engine, transmission, differential, drive shaft and its bearings, engine electronic controls) water pump, alternator, starter, and all interior and exterior paint. Bidder shall warrant all other chassis items for the manufacturer's standard warranty period. Bidder shall warrant the body and all related items for the manufacturer's standard warranty period or two (2) years, whichever is greater.
- 9.0 Warranty shall commence on date of acceptance of vehicle by the school district.
- 10.0 Components – Bidder shall guarantee that chassis offered are current models, that assembly parts are in production for use in new chassis/body and that their manufacture and sale through dealer source will not be discontinued within ten years.
- 11.0 Weather protection – All dash instruments, horn button, ignition switch, etc. of the chassis shall be adequately protected against weather while the chassis is in storage.
- 12.0 Bid Response and General Questions to: Bridget Thomas - bthomas@cvsdvt.org
Bid Spec Questions to: Pat Ward – pward@cvsdvt.org



BID FORM
THIS FORM MUST BE SUBMITTED WITH THE BID AND SIGNED ACCORDINGLY

Date _____

Proposal of _____

Hereinafter called "Bidder", a (corporation) (partnership) (circle one)

Of the State of _____

To: Champlain Valley School District;

The Bidder, in compliance with the Invitation for Bids for one 30 passenger bus with two wheelchair stations, having examined the specifications hereby proposes to furnish the bus in accordance with the attached specifications, and any exceptions to the specifications will be clearly identified. The Bidder also understands that failure to adhere to these specifications unless otherwise noted, may result in the bid not being considered.

The undersigned, as Bidder, declare the only person or parties interested in this Proposal as principals are those named herein; that this Proposal is made without collusion with any other firm, and the undersigned will take in full payment

Total Sum Base Bid Amount for one 30 passenger with two wheelchair stations – Champlain Valley School District:

_____ Dollars

Base Bid Written Amount

_____ Dollars

MODEL YEAR _____

Base Bid Numerical Amount

**Champlain Valley School District
SCHOOL BUS SPECIFICATIONS 2020/20201**

OPTION PRICING

30 PASSENGER WITH TWO WHEELCHAIR STATIONS

CHASSIS OPTIONS: ITEMIZED PRICE FOR OPTIONS:

BATTERIES:	Heavy duty package	\$ _____
STEERING:	Tilt with telescoping column.	\$ _____
	Tilt Steering only	\$ _____

Note: Tilt or tilt/telescope option may be either manual or power activated. Please specify in price list.

BODY OPTIONS:

AUXILIARY HEATER SYSTEM (diesel fired w/circulator)		\$ _____
	Please quote full compartment as option.	
DRIVERS SEAT STORAGE:		\$ _____
	Stanchion cover with pocket storage behind driver's seat	
STORAGE COMPARTMENT:		\$ _____
	Double luggage compartments between wheels, curb side, 16" high x 28" deep by 85" in length.	
SNOW RAIL OPTION:		\$ _____
STORAGE RACKS:		\$ _____
	22" Parcel racks. Must meet head protection requirements in FMVSS 222.	
WIPERS:	Heated option.	\$ _____

Bidder Acknowledge

PLEASE SPECIFY YOUR ANTICIPATED DATE OF DELIVERY FOR THE 30 PASSENGER BUS WITH TWO WHEELCHAIR STATIONS:

The undersigned hereby acknowledges that he/she has read this proposal in its entirety and understands and agrees to all provisions contained herein.

Respectfully submitted:

(Firm Name)

By _____
(Signature)

Firm Information

Company Name: _____

Contact Person: _____

Mailing Address: _____

Phone Number: _____

Fax Number: _____

Email Address: _____

NOTE: Bid Option Pricing for bus should be attached to this sheet

**Champlain Valley School District
SCHOOL BUS SPECIFICATIONS 2020/2021**

30 PASSENGER WITH TWO WHEELCHAIR STATIONS

SPECIFICATIONS

CHASSIS

AIR CLEANER:	Standard
ALTERNATOR:	160 AMP Minimum
AXLE, FRONT:	Min. 4200-5200 lbs. with 40-45 degree turning radius, parabolic front springs or equivalent as standard equipment. Springs to be equal in rating to axle.
AXLE, REAR:	Certifiable for body configuration and capacity, 7800-8800 lbs. for 30 passenger; single speed only limited slip or traction control and/or.
AXLE, REAR RATIO:	Manufacturers recommendation for range of service specified by district and for optimal performance of engine.
BATTERIES:	Set of two (2) or three (3), 104 AMP 12 Volts; Min. 1850 CCA combined rating. Battery system must be sized with sufficient reserve to allow operation of the 8-way warning light system for at least 15 minutes at 0 degrees Fahrenheit without the engine operating and still restart the engine. Battery cables shall be long enough to allow full extension of battery tray. Battery cables to be at least one gauge, color-coded red-positive/black-ground. NOTE: ANY WIRES PASSING THROUGH THE FRAME RAILS SHALL BE GROMMETED TO PREVENT CHAFING. (Bidders may offer H.D. package as an option)
BRAKES:	Hydraulic disc brakes with anti-lock system.
ENGINE:	Gas Engine, rated at min. 210 H.P. (Or manufacturer's recommendation for application or service as defined by the district as an option). Engine to be full electronic control, cruise control and viscous fan drive, full flow oil filter; -40 antifreeze, (Phillips) 120 Volt/1240 watt block heater. Documentation of EPA rated emissions performance is required for all engines as bid.
EXHAUST SYSTEM:	Full length tail pipe, aluminized, with rear exit.
FRAME:	Manufacturer must certify frame dimensions and bending strength to body size and configurations.
FUEL TANK:	30-35 gallons minimum, with locking access door. Tank shall be equipped for at least a 93-95% draw.
HORN:	Dual, electric

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IGNITION:	Gas Standard
INSTRUMENTS:	Speedometer, odometer, fuel, hour meter, oil pressure, water temperature. Warning light for dual brake system, tachometer, voltmeter or ammeter, engine warning light and buzzer for low oil pressure or high engine temperature, directional, transmission temperature gauge or bid mfg. recommendation. (Air filter minder option. Low oil indicator option.) * No Child Left Behind (Alarm)
OIL FILTER:	Full Flow
PAINT:	All paint shall be unleaded. The hood shall be painted dull black.
SHOCK ABSORBERS:	Heavy Duty, dual action rated to each axle
STEERING:	Full Power, (tilt & telescoping column as options)
SUSPENSION:	Front, coil or parabolic, taper: springs with shock absorbers.
TIRES:	Six tires, all seasons on front; mud & snow (or equivalent) rear Full rated. Tires provided installed. Spare tire as an option
TOW HOOKS:	Two each, Front and Rear
TRANSMISSION:	Five speed, automatic, or mfg. recommendation, Synthetic fluid required. Fluid type must meet manufactures specifications as contained in extended warranty requirements.
UNDERCOATING:	Petroleum or wax base
WHEELBASE:	139-152 inches (30 passenger)
WHEELS:	Painted steel, size mfg. recommendation
YEAR, CURRENT MODEL:	Year 2020 or 2021 Bid must specify model year.

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BODY SPECIFICATIONS:

BACK UP ALARM:	Included. Must comply with published Back up Alarm Standards (SAE J994B), and provide a minimum of 107 dbA.
BODY STRUCTURE:	Construction to meet or exceed FMVSS crash and rollover specifications. Three exterior rails at or near bottom of window line, seat cushion line and floor line. Body parts to be thoroughly rust proofed after fabrication. Headroom to be 74 ¾ inches standard. Roof hatch and Egress to meet minimum FMVSS standards w/adjustable ventilation. Baked on Polyurethane paint. Aluminized interior panels below side windows. 16 gauge steel side-walls. Construction must meet or exceed FMVSS and the <u>National School Transportation Specifications & Procedures 2000.</u>
BUMPERS:	Front and Rear, Black
COWLING MATERIAL:	Fiberglass or equal. (May not be needed on all mfg. Bid according to mfg. recommendation)
CRASH PADS/BARRIERS:	Per FMVSS
DOORS:	All doors shall be equipped with padding at the top edge of each door opening. Padding shall be at least three inches wide and one inch thick and extend the full width of the door opening. All door hinges must be equipped with grease fittings or lubrication ports to facilitate PVM.
EMERGENCY DOORS & EXITS	Latch buzzer rear, center mounted inside and outside handles, Upper and lower panels of approved safety glass. Number and design of all emergency exits must meet FMVSS No. 217. Exterior access handles on all emergency doors must include a 6" directional arrow showing direction of movement to release/open the door. See ROOF HATCHES for additional emergency exit information. Vandal lock, and electrically wired to prevent engine start when locked.
ENTRANCE:	4-Step (3-steps & the 4 th step is actually the floor inside of bus). Riser should be calculated by the mfg. consistent w/the related FMVSS, frame rail height and tire size.
ENTRANCE DOOR:	Air or electric operated with regulatory limiting valve. Two leaf, outward opening, with windows top and bottom. Entrance door windows to be thermo-pane standard.
FLOORS:	Heavy Duty rubber covering, 16" ribbed tread on entrance steps, and 13" on aisles. Rear wheel houses and area under seats to be completely covered with smooth rubber mat. All seams to be bonded and smooth. SUB-FLOOR: 5/8 inch marine or equivalent plywood. (Premium grade exterior plywood acceptable) Plywood to be screwed to sub-floor with all exposed edges sealed.
FUEL TANK ACCESS:	Right side fill access, with spring loaded hinge and lock. Fuel tank sending unit access cover plate in bus floor
HEADROOM:	74 ¾ inches standard.
WHEELCHAIR LIFT	Wheelchair lift capacity of 1000 pounds. Wheelchair lift door right side.

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HEATER/DEFROSTER:	Minimum 90,000 BTU heater at left front of driver's area. Minimum 60,000 BTU heater at right front of driver's area (step-well) 60,000 BTU in middle, and 60,000 BTU heater in rear, under the seat. (Goodyear) SAE 20R3, Class D2, 1.0" Diam. All heater cores to be copper tube coil design with aluminum fins. Heater shut-off valve shall be easily accessible from driver's seat; with additional shut-off valves in engine compartment. Defroster channel shall run full length of windshield. Set of two (2) 6 overhead fans shall be provided to assist in both defrosting and cooling w/ installation not to restrict visibility. Heating system must be of sufficient capability to maintain the bus interior temperatures as specified in SAE test procedure J2233. System must include accessible bleeder valves appropriately placed in the return lines to remove air from the heater lines. Must maintain/comfortable heat in sub-zero weather. Mfg. recommendations may be considered.
INSULATION:	Fiberglass 1-1/2", (Polyester or equivalent with an R factor of at least 6.25); fire resistant and UL approved. Sidewall, roof, front and rear quarter sections including roof bows. Insulate Driver's area. Insulation noise reduction with full acoustical ceiling panels full length of bus.
LETTERING:	6 inch local destination and as specified by the school district.
LIGHTS:	INSIDE: Passenger & Driver's Dome lights w/separate switch for driver's dome; step well light w/door, and light to mark Emergency Exit. NOTE: ADA Compliant walk & step well light to be wired to activate with entrance door control. Red ICC tell-tale lights over emergency door loading areas. Eight (8) way lights = strobe led. BACK-UP, WARNING: standard 7" dual clear. HEADLAMPS: Halogen standard. Daytime running lights as an option. WARNING: 8-light system/Strobing LED
MIRRORS:	INSIDE: 6" x 30"; Rear View: OUTSIDE: 2 each left & right-heated rear view, mirrors. ALL mirrors per FMVSS #111. All exterior mirrors heated as standard equipment.
MUD FLAPS:	Front each wheel, and Rear each wheel.
PASSENGER CAPACITY:	Bid mfg. Equivalent within the 30 passenger range. May offer reduced seating option with price reduction. Reduced seating options must not exceed FMVSS maximum seat spacing and barrier requirements.
RADIO:	AM/FM/CD Player/PA, Inside/Outside Speaker; One Antenna on Driver's Side with 6 roof-mounted speakers inside. Dash-mounted, hand-held microphone. (Two-way radio option from dealer provided selection; Cell phone plug-in as an option).
RAILS:	Per State of Vermont School Bus Standards (see Body Structure, above).
ROOF ESCAPE HATCH:	1 each, roof mounted, ventilated escape hatch; 2 nd roof escape hatch as an option or standard if required to meet FMVSS formula. Min. 5 year warrantee for installation, workmanship, materials and leaks (TRANSPEC models 1900, 1925 or Specialty model 8645, or equivalent). Open-hatch warning buzzer as standard.
SAFETY EQUIPMENT:	First Aid Kit, and BODY FLUID KIT Belt Cutter: A Tie-Tech belt cutter shall be installed in the Safety Equipment storage box. Fire Extinguisher: 5# min. dry type A-B-C

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POWER PORT:	12 Volt Aux power port
SEATING:	<p>DRIVER: The driver's seat shall be of a high-back design with a minimum seat back adjustment of fifteen (15) degrees and a head restraint accommodating sizes through ninety-five (95) percentile adult male (as defined in FMVSS 208). The driver's seat shall have minimum distance between the steering wheel and the seat back not less than eleven inches (11") with a minimum aft adjustment of six inches (6"). The driver's seat shall provide for fore-and-aft and up and down adjustment and shall be contoured with adequate support on the sides, including but not limited to arm rests. The driver's station should be rearward so the seat can be moved back full travel adjustment. A Type II seat belt with adjustable lap-shoulder, ERL type w/3-point hitch.</p> <p>PASSENGER: Forward facing, fully padded, 52 oz. Upholstery. Not less than 13" per passenger seat width, sidewall to aisle. Min. 12" aisle width per FMVSS. Seat belts installed at time of manufacture. Removable seating for one of the wheelchair stations.</p>
SIGNAGE:	Two inches wide by 8 inches high reflective letters, front and rear school bus signs. 1.25 inch reflective tape to outline rear door, school bus sign and rear windows. Two-inch reflective stripe at top of floor level rub rail on each side of bus. District may request additional striping as an option not to exceed state or federal safety specifications and standards.
STOP SIGNAL ARM:	One, driver controlled, hinged, swing-out type to meet FMVSS 131. Double faced, alternating flashing red lamps, one each mounted top and bottom of the stop sign. Sign(s) and lights automatically activate with the entrance door control.
SUNVISOR:	Original equipment visor
WARNING DEVICES:	3 each roadside, triangular reflector type with secure on-board storage
WHEEL CHOCKS:	2 each with tie downs and secure on-board storage.
WINDOWS:	Thermo pane, service door windows, and first two passenger sections right side. Bids must meet or exceed State of Vermont Uniform School Bus Standard & bid specifications. Only windshield shall be tinted. No side or door window tint options allowed. All passenger windows will be 12" minimum (both top and bottom). Side passenger windows (both top and bottom) will be minimum of 12" in height each.
WINDSHIELD:	Standard flat, tinted (curved may be substituted if manufacturer's standard for the vehicle offered.)
WIPERS:	Both sides, electric, intermittent 2-speed, Heavy Duty Motors, w/washers arctic all weather blades. (Heated as an option)
WIRING	All wiring shall conform to the standards of the Society of Automotive Engineers. It shall be color and number coded, insulated and protected by covering of fibrous loom, or equivalent covering. All fuse/circuit breaker blocks shall have circuit identification decals.