

Pennsbury School District
Automatic School Bus Sanitizing System
BID#20201-022

Specifications:

The system must be driven by an electric pump essential to the system and purpose designed. The pump must be resistant to sanitizer fluids. The system should be controlled by an electronic controls system with a solid state design. The controller monitors all system functions. The controller must be built using SAE standards. The controller is to include Blu-Tooth capability. The controller will include the monitoring of system safety parameters, system actuation and dry-down functions. The sanitizing fluids shall be dispensed using .2mm high pressure nozzles that will allow the sanitizer to omit very fine mist applications. Nozzle system must be adjustable using purpose built holders that allow for positioning of each nozzle to ensure full coverage. The nozzles shall be connected to high pressure nylon piping utilizing push lock connections. The system must be designed to include an integral 10 liter tank. The tank must be a rupture proof impact resistant design. This tank must be able to withstand significant temperature fluctuations and high or low temperatures applicable to the environment to where the buses are operated and stored. This system shall allow an easy install by normal means and must include all required electrical components and wiring needed for system operation. The system shall be of full automotive design and be able to sanitize all types of district owned buses automatically. It is required that this system must cover all areas of the bus interior including the driver area as well as all high touch locations on the bus. The system's tank must allow for up to 10 sanitizing applications per bus/week. The safety features of this system shall be designed to prevent the application of the sanitizing liquid while students or district staff are in the bus during this process. The ignition key must be off before the system can begin its operation. It should allow the driver or district personnel to walk through the bus to check for passengers on the bus. A special key is designed to activate the process while this allows the driver to move to the activation button to the count down cycle. This cycle must be fully programmable through a Blu-tooth application. System shall include both visual and audible indicator to alert the user of system functions. The system should be robust enough to provide the district stored data of the sanitizing events as they require. The Blu-tooth app must be available to the district to have communication and information recovery. The district must be provided at no charge, an application to control system programming functions. The app must be able to activate individual system components during a variety of preventative maintenance checks. All bidders must provide to the District, a complete demonstration of the system for evaluation.

Pricing Breakdown-

Please provide the pricing based on the following bus data for the Pennsbury fleet.

Eighty-eight 78 passenger buses

Eight 48 passenger buses

Nine 30 passenger buses

Pricing Detail-

Cost based on each small bus system-\$_____

Install cost for each small bus system-\$_____

Cost based on each large bus system-\$_____

Install cost for each large bus system-\$_____

Please list all warranty options available

1 Year Warranty-_____

(Please provide warranty details)

3 Year Warranty-_____

(Please provide warranty details)

Optional Warranties (please elaborate)-