



Special Session of the Board of Directors

Steilacoom Historical School District No. 1
Steilacoom High School Library 54 Sentinel Drive Steilacoom, WA

9/14/2016 05:45 PM

1. CALL TO ORDER

(Action)

Pledge of Allegiance
Roll Call
Approval of Agenda

2. APPROVAL OF CHERRYDALE PRIMARY SCHOOL HVAC SYSTEM

(Action)

Presenter: Jim Brittain

[Cherrydale Primary School HVAC Project.pdf \(p. 2\)](#)

3. ADJOURNMENT

(Action)

STEILACOOM HISTORICAL SCHOOL DISTRICT NO. 1 BOARD OF DIRECTORS

Board Meeting Date: September 14, 2016

Strategic Focus Area

- Teaching and Learning
- Safety, Service and Support
- Family & Community Involvement
- Resource Management

BACKGROUND INFORMATION

On August 30th, Cherrydale Elementary HVAC main controller stopped communicating to all downstream smaller controllers attached to 23 rooftop heat pumps, 5 split system heat pumps and 21 sensors that control room temperature, air velocity sensors and damper controls. The system was evaluated both by our staff and by Siemens Corporation. It was determined that the main controller has completely failed.

The Cherrydale HVAC system is currently running on the last programmed schedule. However, if a power surge or outage occurs, the program could be wiped out and the system may not come back on.

The Cherrydale HVAC control system is the oldest system in the district; 18 years old. It is utilizing Staefa Control system to handle HVAC, lighting and hot water system. However, there are no parts available to replace the controller. The district's other buildings are currently using an Andover Continuum System.

We are in contact with four companies. One provided the district with a proposal, two have yet to provide proposals and the fourth will not be providing a proposal since it would contract out the work. The companies who have not yet submitted their proposals utilize a different controller system than Andover Continuum.

The proposal we received on September 1st was for \$152,000 plus tax. This proposal would replace all components listed above and utilize the Andover Continuum system.

The Cherrydale HVAC replacement has been included in the Capital Projects budget for several years at the amount of \$225,000. One of the four companies provided an estimate in 2014 and proposed a two phase approach. Phase 1 was to replace the main controller at \$35,000 and at a later date perform Phase 2 to replace all other downstream controllers. The company recently stated the Phase 1 amount will be higher than it was quoted in 2014. The controller system would be APOGEE.

The other company preparing a proposal uses the Alerton controller system that is being utilized at the following school districts: University Place, Peninsula, Tumwater, Franklin Pierce, Bremerton, Auburn, Kent, Bethel, Puyallup and Highline.

We anticipate having the other 2 cost proposals soon, but would like the Board to consider an approval of a new HVAC system in order for us to be prepared to purchase one immediately.

RECOMMENDED ACTION:

It is the recommendation of the Superintendent to approve the replacement of the Cherrydale HVAC Controller System at a cost not to exceed \$175,000.

Report prepared by:
Jim Brittain, Executive Director of Finance and Operations