



# BOARD MEETING MEMORANDUM

**Board Meeting Date:** June 17, 2025

**From:** Maria Treto-French, Assistant Superintendent/CFO/CSBO

**Re:** Oakland Heating, Ventilation, and Air Conditioning (HVAC) Update

**Attachments:** Siemens Agreement  
Siemens Presentation

**Agenda Location:** Consideration to Approve: Action Items

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### Rationale:

Oakland was renovated in 2019, and since then, there have been issues with humidity in the building. The HVAC systems were reviewed, and it was determined that in order to address the humidity issue, there would need to be dehumidifiers added to the building. It was determined that humidity issues stem from the (16) Airedale Vertical Unit Ventilators that were installed in 2019 addition.

The district has continued to find a solution to the issue at hand. Siemens has partnered with the district and presented a "turn-key" solution and provided the district with various solutions to consider.

- Demo existing vertical unit ventilators, modify the piping system, and install new unit ventilators with appropriate application options.\*
- Modify existing vertical unit ventilators and install 2-3 dedicated outdoor air systems, Dedicated Outdoor Air System (DOAS) units to serve impacted classrooms.\*
- Utilize Indoor Air Quality Procedure (IAQP) design to manage indoor air quality and reduce dependence on outside air.\*

\*Options to be verified by Mechanical, Electrical, and Plumbing (MEP) engineering firm

Siemens' recommendations:

The project is sole-sourced through Siemens for investigation and installation. Siemens to General Contract (GC) the project and oversee all applicable trades upon District approval.

1. Engage MEP engineer [investigation + MEP design drawings and CA {submittal review + Request for Information (RFI)}].



# ANTIOCH COMMUNITY CONSOLIDATED SCHOOL DISTRICT 34

INSPIRE TO DREAM - EMPOWER TO ACHIEVE

2. Install air monitoring devices to continuously monitor indoor air quality, including humidity levels.
  - a. Baseline and post-implementation data to verify solution efficacy.
3. Deliver preliminary mechanical and electrical design developed for budgeting (60% mechanical/electrical design).
4. Present final project proposal for infrastructure upgrades. Upon receipt of the project proposal from Siemens, CCSD 34 shall either:
  - a. Commence good faith negotiations with Siemens to enter into, within thirty (30) days, a contracting agreement for the proposed project(s). All costs incurred to date with respect to the preliminary engineered solution and development of the proposal will be the first payment due upon execution of the final agreement, or
  - b. Elect not to enter into a contracting agreement with Siemens and agree to pay Siemens the amount of \$42,874 within thirty (30) days of receipt of the proposal for the time and expense incurred during the facilities infrastructure preliminary design.

## **Recommendation/Motion:**

The administration recommends that the Board approve the contracting agreement with Siemens in the amount of \$42,874 for the proposed HVAC improvement project at Oakland, contingent upon legal counsel's review and approval of the agreement.