



Executive Summary Finance Committee Meeting

DATE: May 18, 2023

TOPIC: Interactive Display Refresh

PREPARED BY: Jordan Stephen

Recommended for:

- Action
- Discussion
- Information

Purpose/Background:

As the District refreshes equipment, we must remember that classroom technology also has a certain lifespan. As we upgrade technology, some of these features either get more difficult to use or simply get phased out because of physical connections and changes within hardware.

Two years ago, the coaches and members of the technology team were able to visit another district and see the possibilities of new Digital Interactive Displays. The district deployed demo units into Todd Hall for teachers to model and experience all of the advancements and the ease of use of the new technology. During the rollout, led by the Todd Hall tech coach, the responses were great.

At both Todd Hall and Rutledge Hall, there are many ceiling or wall-mounted projectors and/or Smartboard devices built for interaction with students. In our inventory, the district owns many different models of Epson Interactive Projectors, Boxlight Brand projectors, and various models of SmartBoards - all in various sorts of working order. As internal discussions continued, the district initially looked at phasing in interactive displays to replace the broken Smartboards, Epson, and Boxlight Projectors.

Last year in Phase 1, we replaced over 60% of the technology within the classrooms in Todd Hall with the BenQ Interactive Panels. The feedback has been very positive from all who are using the interactive displays.

This year, during Phase 2, the District will replace displays in 10 additional rooms at Todd Hall. Rutledge Hall is in the physical same state when it comes to the age and current inventory of the ceiling mounted or wall-mounted projectors within the classrooms. During Phase 2 we are also planning on replacing a number of aging devices within 14 classrooms at Rutledge Hall. The final board in this purchase will be used as not only a spare for the district in case of breakage, but also a unit that can be used for testing login processes, management of the units and the testing of applications that can be installed locally on the interactive boards.

TODD HALL REPLACEMENT SCHEDULE

Room #	Room #		Room #	Projector Type
211	Smart UX60		202	Smart UF70
315	Smart UX60		204	Smart UF55
102C	Smart UX60		201	Smart
102E	Smart UX70		302	Epson
213	Smart UX60		???	New TH Classroom

RUTLEDGE HALL REPLACEMENT SCHEDULE

Room #	Room #		Room #	Projector Type
35	Boxlight P8/Whiteboard		5	Boxlight P8/Whiteboard
32	Boxlight P8/Whiteboard		4	Boxlight P8/Whiteboard
31	Boxlight P8/Whiteboard		29	Epson Brightlink W485i/Whiteboard
30	Boxlight P8/Whiteboard		2	Epson Brightlink W485i/Whiteboard
27	Boxlight P8/Whiteboard		43	Epson Brightlink W725i/Whiteboard
26	Boxlight P8/Whiteboard		41	Smart UX60/Smartboard Portable
25	Boxlight P8/Whiteboard		37	Smart UX70/Smartboard 800

Product Description/Details

There are many products that are filling up this market place but the one that meets the needs of our District is the BenQ brand board. (See attached brochure for more details)

- 65" Interactive Flat Panel
- 4K UHD 3840 x 2160 Pixels Resolution
- 450 nits Brightness
- IR Touch Technology
- 30,000:1 Dynamic Contrast Ratio
- USB B Touch Port x3
- USB C Port
- HDMI Port x3
- Wireless Technology
- Remote Control
- 0.15in (4mm), Tempered Glass
- Anti-Glare & Germ-Resistant Screen
- Built-in Microphone Array
- IPS Backlight / Light source
- 178° Viewing Angle (Horizontal / Vertical)
- 8ms Response Time
- Speakers 15W x2



- Landscape Display Orientation

When you combine the power of a built-in internet web browser, whiteboard, and shared live screens, with the ability to install and run selected applications, learning and classroom interactivity truly comes alive.

Fiscal Impact:

\$61,000 - The District would pay **\$55,375.25** for a total of 25 BenQ Interactive displays at Todd Hall and Rutledge Hall. The District would pay **\$4,557.60.*** for a total of 24 adjustable height stands at Todd Hall. **This estimate could change slightly due to the consistent fluctuation in price and availability of the mobile monitor stands required. Prices shown based upon current published price.* During the 2022-2023 school year the District spent \$48,900 on the 1st phase of the display refresh at Todd Hall.

Recommendation:

It is the Administrative recommendation that the Finance Committee concurs to recommend to the Board of Education to approve the purchase of 25 classroom displays in the amount, not to exceed \$61,000 for the 2023-2024 school year.