



Executive Summary Finance Committee Meeting

DATE: June 13, 2024

TOPIC: Lincoln Hall Audio Video Upgrade

PREPARED BY: Jordan Stephen

Recommended for:

- Action
- Discussion
- Information

Purpose/Background:

Over the last couple of years, there have been several requests to modernize the AV system in the Lincoln Hall Gymnasium. After discussing this project with the physical education teachers at Lincoln Hall, we initially considered dividing it into four separate projects:

- Modernizing the audio system in the main gym:
 - The current audio system is over 15 years old and is inadequate for the gymnasium's size. It consists of a single amplifier and four speakers, which are not powerful enough to provide clear and even sound throughout the 90,000 cubic foot space.
- Modernizing the projection system in the main gym:
 - Currently, there is no video screen available for use within the gymnasium. When video projection is required, a screen must be dropped and a projector, mounted on a mobile stand, must be relocated from the first floor to the second floor.
- Implementing classroom LED Panels:
 - The gymnasium currently lacks any video screens, except for the occasional use of a laptop and a rolling projector cart brought in by a teacher.
- Modernizing the audio system in the fitness center:
 - The fitness center currently has two suspended speakers powered by a compact in-wall amplification system. The wiring is noticeably inadequate, the unit hangs from the ceiling and appears to have been installed as an afterthought.

The team reached out to various vendors for pricing on these projects. Ultimately, after collecting data and quotes, we were able to establish a relationship with a new vendor and create a plan to tackle this as a single project, saving time and resources in remobilizing equipment and coming in at a reduced price point.

Vendor		Total
Moonlight AV		\$63,302.51
Midwest Computer Products		\$71,987.62
Advanced Communications		\$118,700.00
Heartland Business Systems		\$151,587.94
MMT		No Quote

Work on this project will begin after the Summer Adventures program concludes in late July and continue into early August. The project improvements will include the following:

- Main Gym:
 - A new audio system will be installed with twelve new speakers, and amplifiers will be replaced to increase sound capacity. Multiple sets of microphones and wireless headsets will be available for teachers and staff. The sound system controls will be upgraded to allow for either full use of the gymnasium or sectional use, covering the north or south portion of the gymnasium.
- Main Gymnasium Projections:
 - The district's secondary laser projector will be mounted on the back wall of the gymnasium, equipped with the correct lens for projection, and enclosed in a tamper proof wall mount case. This system will also be integrated into the new gymnasium amplification system to provide sound throughout the location
- Gymnasium LED Screens:
 - Two large-format LED screens will be installed on the north and south walls of the gymnasium. Teachers and staff will be able to stream various content to these screens using District technology equipment. These screens can operate independently and can be integrated into the sound system when needed. Both screens will be protected by large protective screen enclosures.
- Fitness Center:
 - Utilizing creative planning, the fitness center will use the excess speakers from the gymnasium, which will be connected to new rack mounted amplifiers. These new amplifiers will include Bluetooth connections and multiple inputs for wireless microphones and headsets.

Fiscal Impact:

The total cost is \$63,302.51

Recommendation:

The Finance Committee concurs with the Administration's recommendation to the Board of Education to approve this agreement from Moonlight AV for the purchase and installation of equipment for the modernization of the Lincoln Hall Gymnasium and Fitness Center in the amount of \$63,302.51.