



TOWN OF LINCOLN

FY27 Capital Budget Application

SUBMISSION ARE DUE BY FRIDAY, SEPTEMBER 26, 2025

**** DRAFT ****

DATE: September 2, 2025

DEPARTMENT / COMMITTEE: Lincoln Public Schools

Submitting Official, title: Rob Ford

Contact Phone: 781-259-9400 x4307

Contact Email: rford@lincnet.org

ITEM / PROJECT: Classroom Presentation System Replacement

ITEM / PROJECT COST: \$99,089

CONTINGENCY COST: *(Amount over project cost added in case of unexpected increase):* \$7,927

TOTAL REQUEST AMOUNT: \$107,016

NEW OPERATING COSTS: *(Any new amount you expect this project will add to your annual operating budget, can be 0):* We do not anticipate any new operating costs. All rooms already have systems installed and we expect no significant changes to power consumption or software licensing used with the systems.

OTHER FUNDING SOURCES: *(Are there other sources of funding to support this project: i.e. Revolving Funds, Grants, Gift Accounts, Fundraising, etc.) Please provide a detail of your efforts here:* [Click or tap here to enter text.](#)

WARRANTY INFO: *(Is a warranty available? Cost? Duration?):* The basis of this proposal is an Epson Brightlink laser projector. Epson provides a five year warranty to schools on these models.

REQUEST RANK: 1 OUT OF 1 TOTAL REQUESTS

REPLACEMENT STATUS:

☒ **REPLACEMENT** ☐ **NEW ITEM / CAPITAL PROJECT**-skip to next section

Description of item to be replaced (e.g., make, model year, plate, mileage):

This project will replace 29 Epson 685wi ultra-short throw interactive projectors. These projectors were purchased in 2017 and originally installed in the old Lincoln School building. During the construction project the majority of these projectors were moved into the temporary classrooms, then all were reinstalled in the new school building. These projectors are reaching their projected end of life and we have begun to experience equipment failures.

Date acquired/installed: 7/1/2017

Will replaced item be sold, traded in, disposed, other: disposed of

PROJECT TIMELINE:

Date bids will be solicited: 5/1/2026

Planned purchase date/work start: 7/1/2026

Service start date: 9/1/2026

COMMUNITY PRESERVATION ACT FUNDS: may be available for PROJECTS (NOT ITEMS) intended to preserve Lincoln's historic resources and structures; preserve and enhance Lincoln's open space for both conservation and recreation; and preserve and increase Lincoln's affordable housing to foster economic, racial/ethnic and age diversity.

1) Do you feel your project qualifies for any of the categories below?

☐ Affordable Housing ☐ Historic Preservation ☐ Conservation/Open Space ☐ Recreation

2) If so, how is the project consistent with Lincoln's vision and with its Housing, Historic Preservation, Open Space/Conservation Plans, or Recreation Plans, and with other planning documents that have received town-wide review and input? Please explain...

3) If so, does the project have the support of relevant town committees or organizations (e.g. Conservation, Recreation, Historic District or Historical, Housing, etc.)? Please explain...

REQUEST NARRATIVE: *This application is really a coversheet. In an attached document, please describe your request. (In addition to describing the actual item requested, please provide Lincoln-specific context for the request such as: will fulfillment of this request maintain level services or add new services? Is there a professional or trade association requirement for this request? Does this request have other financial support, and if so describe? How will fulfilling this request further the mission of your department? How would it benefit the Town?)*

Please see attached

ATTACHMENTS: *(Include backup documentation for the project cost estimate such as professional or commercial quotes, specification sheets, etc.) List the attachments you've provided here:*

Please see request narrative, cost estimate, and budgetary quotes attached

QUESTIONS? Contact Dan at 781-259-2603 or pereirad@lincolntown.org

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Please complete a separate form for each request. This form should be completed, saved as a PDF, and submitted to the Asst. Town Administrator (pereirad@lincolntown.org) and Finance Director (wilkinsc@lincolntown.org) - along with all supporting documentation such as estimates, quotes, etc.

Request Narrative

Classroom presentation systems are critical tools in a modern school. Each of our classrooms in Lincoln is equipped with an interactive projector, a classroom amplification system, and an AppleTV for wireless screen sharing. Teachers use the projectors to present to students and all of our core curricula include presentation components. Students also use the projectors to share their work on the screen, and interact through touch with a variety of digital learning materials. The classroom amplification systems, which provide for uniform amplification and clarity of the teacher's voice and audio sources throughout the room, support students with auditory-related IEP and 504 accommodations, improve clarity and comprehension for all students, and reduce teacher voice strain which in studies has been shown to reduce teacher absences.

These systems were installed in 2017 in the old school building through a capital project. The original project included cabling, electrical work, projectors, classroom amplification systems, and installation. During the construction project, all of the projectors and classroom amplification systems were uninstalled, and either reinstalled in the temporary modular classrooms or stored during construction. The projectors were reinstalled in the new school building with the cost of installation included in the building project budget. Additional new learning spaces such as the hubs and new classrooms were equipped with new laser projectors as part of the building project.

The fleet of projectors installed in 2017 are now approaching the end of their expected 10-year lifespan. While the lamps are replaceable in these projectors, the image quality is degrading and we are beginning to experience failures. Six of the projectors from the original capital project have already been replaced since the move into the new building. We are also finding that the improved daylight in the building has presented some new challenges as these older lamp-based projectors can be washed out in direct sunlight. The newer projectors installed during the construction project have a laser light source and a higher brightness output, and are much more effective in these settings.

This project would replace 29 existing interactive projectors with new laser light-source interactive projectors. The new projectors are expected to have a 20,000 hour (30,000 hour in eco mode) lifespan, which should last at least 10 years, and provide for a significantly brighter image at the same (or lower in eco mode) power consumption. The ultra-short throw mounts will also need to be replaced as current models are not compatible with the existing mounts.

The classroom amplification systems while also nearing the end of their originally projected life are showing no signs of their age. They are continuing to work well and we have experienced few issues with them. As long as we continue to replace batteries annually and repair the occasional damaged microphone, we expect to be able to continue to use these systems for at least five more years and are not requesting their replacement at this time. We also expect the majority of the cabling will be reusable and will not need to be replaced. We are including a modest allocation to replace cabling that might be damaged during de-installation of the old equipment, and for any other materials that may be required during installation.

DRAFT Cost Projection

Please note: We expect to have updated cost projections and budgetary quotes based on revised pricing by the September 18th School Committee Meeting.

Qty	Item	Projected Unit Cost	Proj. Total Cost
29	Epson Brightlink 1480Fi or similar	\$ 2,542	\$ 73,718
29	Projector mount	\$ 119	\$ 3,451
	Cabling and materials allowance		\$ 5,000
	Installation		\$ 16,920
Total			\$ 99,089
8% Contingency			\$ 7,927
Total Request			\$ 107,016