



2017 MHLS Facilities Projects with Matching Funds from Library Construction Program
Revisions Based on Bids – Revisions Highlighted in YELLOW

Project Abstract

Provide a brief description of the construction project. Note: The Project Abstract field is limited to a maximum of 150 characters, including spaces.

Energy conservation by replacement of MHLS Office Building ground floor condenser and air circulation unit with equipment meeting MHLS energy conservation useful life maintenance guidelines.

Description of Project

Include a complete description of the project for which applicant is requesting funding. If this project is part of a larger project during this grant funding period (July 1, 2017 - June 30, 2020), please describe the entire project. When a project is part of a larger project identify both clearly so that the application project can be easily identified within the larger project description. Describe construction activities including the intended physical alteration or improvement to the building.

Energy conservation by replacement of MHLS Office Building ground floor condenser and air circulation unit with equipment meeting MHLS energy conservation useful life maintenance guidelines.

More efficient use of energy will result from the replacement of the MHLS Office Building ground floor condenser and air circulation unit with equipment meeting MHLS energy conservation useful life maintenance guidelines. The replacement equipment will adhere to the MHLS energy conservation useful life maintenance guidelines, which are a MHLS Board Construction Grant Funding Priority.

The project will purchase and install a new condenser, a new air handling unit, and a new WiFi thermostat. All work shall be accomplished by skilled workmen familiar with and trained to do this type of work, and they shall be further qualified to operate or use the equipment or rigging needed to accomplish this work. The work will include all preparation, installation, wiring, ducting, testing, cleanup and related items necessary to complete the replacement of the existing condenser and air circulation unit equipment in kind, meeting Energy Star requirements and maintaining equivalent power to what is being replaced for both cooling and moving of air. All work shall comply with current applicable codes including OSHA and DOL compliance.



Mid-Hudson Library System

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Impact of Project

Describe how the project will address one or more of the following Public Library Construction Grant Program priorities:

- increased effectiveness of library service due to increased and/or improved building space and capacity
- more efficient utilization of the building in such areas as energy conservation and increased staff efficiency
- improved access to and use of building services by all library users, including those with physical disabilities
- provision of library services to geographically isolated or economically disadvantaged communities

Energy conservation by replacement of MHLS Office Building ground floor condenser and air circulator unit with equipment meeting MHLS energy conservation useful life maintenance guidelines.

More efficient use of energy will result from the replacement of the MHLS Office Building condenser and air circulation unit. The replacement equipment will adhere to the MHLS energy conservation useful life maintenance guidelines, which are a MHLS Board Construction Grant Funding Priority.

Timetable

The timetable should be as specific as possible, indicating the projected beginning date for the project; the duration of the proposed construction/renovation, and the projected beginning and ending dates for all contractual services; and schedules for all other significant activities impacting the project. The timetable should list all related project activities taking place during the grant funding period (July 1, 2017 - June 30, 2020), broken down by year.

Office Building Condenser and Air Circulation Unit

DATE	ACTION
October 5, 2016	RFP issued for purchase and installation of air circulation unit and condenser
October 31, 2016	Work awarded to HVAC contractor
November 14, 2016	Work by HVAC contractor begins
November 23, 2016	Work by HVAC contractor completed



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OFFICE BUILDING CONDENSER AND AIR CIRCULATION UNIT - REVISED

DATE	ACTION
OCTOBER 5, 2016	RFP ISSUED FOR PURCHASE AND INSTALLATION OF A/C
OCTOBER 27, 2016	VENDOR BIDS DUE
NOVEMBER 15 – DECEMBER 7, 2016	SYNERGY DESIGN/ENGINEER REVIEW OF A/C BIDS
DECEMBER 9, 2016	MHLS ANNOUNCES ACCEPTANCE OR REJECTION OF A/C BIDS
JANUARY 28, 2017	MHLS BOARD REVIEWS REVISED PROJECT COST
JANUARY 30, 2017	BASED ON MHLS BOARD APPROVAL OF REVISED PROJECT COST – VENDOR CONTRACT SIGNED
MARCH 1, 2017	WORK BY HVAC CONTRACTOR COMPLETED

Budget Narrative

Description of budget requests, vendor costs. Please associate the proposed vendor with the construction or renovation work and cost. Describe all items entered on the Project Budget pages. The Budget Narrative must match the Project Budget entries and attached quotes exactly. If the vendor quotes contain options, the narrative must indicate those options and the associated dollar value.

MHLS Office Building Condenser and Air Circulation Units = \$29,200

Appolo Heating, Inc. - \$29,200

HVAC vendor will recover the refrigerant in the existing system, remove the existing equipment, and install new equipment according to manufacturer's recommendations and comply with all current applicable codes including OSHA and DOL compliance as follows:

- Provide and install a new condenser (10 Ton)
- Provide and install a new air handler (10 Ton)
- Provide and install a new WiFi Thermostat
- Provide and install a new Compressor Pad
- Reconnect all electrical and control wiring
- All employees will be paid prevailing wage
- Start up and test of system
- Provide all Permits required to complete full installation
- Labor



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SELECTED VENDOR

- ✓ AIRFLOW AIR CONDITIONING, REFRIGERATION & HEATING INC., HIGHLAND NY - \$49,715

REQUEST TO MHLS BOARD FOR REVISED PROJECT COST

- ✓ ADJUSTMENT FROM ESTIMATED \$29,200 TO VENDOR BID OF \$49,715