

27485

TO: Board of Acquisition and Contract

FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation

DATE: June 11, 2012

SUBJECT: First Amendment (of a Multi-Phased Agreement) to Agreement No. 11-900
In the matter of Engineering Services in connection with the
Rehabilitation of Administration Building Roof and Tower,
Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York

Consultant: Hillman & Miley Consulting Engineers, PLLC
Amendment Amount: \$221,100.00

Authority of your Honorable Board is requested to amend the existing Agreement between the County of Westchester and Hillman & Miley Consulting Engineers, PLLC, 222 Mamaroneck Avenue, White Plains, New York 10605. The original Agreement dated March 1, 2011, was for engineering services in connection with the Rehabilitation of Administration Building Roof and Tower, Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York.

It is requested that the existing Agreement be amended to provide for engineering services in connection with the Rehabilitation of Administration Building Roof and Tower at the plant. The consultant shall provide construction administration services associated with this project. For construction administration services, the consultant shall monitor the construction procedures on the site to ensure compliance with the contract documents, coordinate scheduled activities of the contractors, submit construction progress reports and review and process contractors' applications for payment.

The objective of this project is to rehabilitate the Administration Building roof and tower at the Mamaroneck Wastewater Treatment Plant. The Mamaroneck Wastewater Treatment Plant Administration Building Tower is an original structure to the wastewater treatment plant constructed in the 1930s. The original neo-classic building is eligible for listing on the National Register of Historic Places. The Tower consists of three main sections. The first and second floors are part of the Administration Building at approximately 42 feet in height. The main tower section is approximately 70 feet tall and the upper tower section, which consists of the Windowed Gallery and crown is about 15 feet tall. The tower underwent significant restoration in 1975, and in 1983 a rehabilitation project consisting of minor repair and maintenance of the masonry was conducted. During the major expansion of the facilities in the late 1980s, the reconstruction of the copper roofing and flashing at the base of the Windowed Gallery was completed, but no other masonry or structural work was completed at that time. The roof has undergone some minor repairs over the years, but has now developed major leaks into the electrical conduits which threaten sensitive plant operating equipment. Cracked mortar and falling masonry coping from the building façade, as well as major cracks and structural deficiencies in the tower require prompt attention. This project will implement the most cost-effective and environmentally compliant technologies available which will provide long-term energy conservation. The rehabilitation of the administration building roof will reduce energy use by utilizing high "R" value insulation and high solar reflectivity in compliance with LEED guidelines for environmental sustainability as per the United States Green Building Council. Current green roof technologies cannot be used on this project due to the historic nature of the original neo-classic building. This agreement will benefit the public as it will ensure the continued reliable operation of equipment vital to the plant, thereby enhancing the health and environment of the residents of Westchester County.

Board of Acquisition and Contract
Agreement No. 11-900, First Amendment
Rehabilitation of Administration Building Roof and Tower,
Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York
Hillman & Miley Consulting Engineers, PLLC
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The original intent of this Agreement was to have the design and construction administration performed in multiple phases as subsequent funding became available. The initial design phase defined the scope of work and required budget for the subsequent phases of design and construction administration for which funding has been approved.

The engineering discipline encompassed in this Amendment is not new, but rather, it is an integral part of the project that involves the same degree of skill, experience and complexity as the expertise generally described in the original project. Accordingly, this type of engineering discipline was originally contemplated in the Professional Prequalification Board and Professional Selection Board process.

The fee for the above services is for an amount of \$221,100.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$354,280.60. The completion date of the Agreement shall be extended to December 31, 2015.

Proposed form of Resolution to accomplish the foregoing is attached hereto.

RESOLUTION

Upon communication from the Commissioner of Public Works and Transportation, be it hereby

RESOLVED, that the existing Agreement between the County of Westchester and Hillman & Miley Consulting Engineers, PLLC, 222 Mamaroneck Avenue, White Plains, New York 10605, be amended to provide for engineering services in connection with the Rehabilitation of Administration Building Roof and Tower, Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York. The consultant shall provide construction administration services associated with this project. For construction administration services, the consultant shall monitor the construction procedures on the site to ensure compliance with the contract documents, coordinate scheduled activities of the contractors, submit construction progress reports and review and process contractors' applications for payment; and be it further

RESOLVED, that for the additional services rendered in accordance with the consultant's proposal for the second phase of this multi-phase project, Hillman & Miley Consulting Engineers, PLLC, shall be paid a fee of \$221,100.00 pursuant to an approved budget, increasing the total maximum fee to \$354,280.60; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2015; and be it further

RESOLVED, that all other provisions of the existing Agreement shall remain in full force and effect; and be it further

RESOLVED, that the County Executive or his duly authorized designee is hereby authorized and empowered to execute any and all documents necessary or appropriate to effectuate the purposes hereof.

JTP/LR/AS

Original Agreement	\$	133,180.60	(Design Services for Rehabilitation of Administration Building Roof and Tower)
This Amendment		221,100.00	(CA Services for Rehabilitation of Administration Building Roof and Tower)
TOTAL	\$	354,280.60	

Agreement No. 11-900

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
	322	60	SM003001	6120-05		\$ 221,100.00

Budget Funding Year(s): 2012 Start Date: 08/01/12 End Date: 12/31/15
 (must match resolution)

Funding Source: Tax Dollars: <u>100% County</u>	Contractor Federal I.D. No./
State Aid: _____	Social Security No.: _____
\$ <u>221,100.00</u> Federal Aid: _____	Vendor No.: _____
(must match resolution) Other: _____	Encumbrance No.: _____