

17161

TO: Board of Acquisition and Contract

FROM: John J. Hsu, PE
Commissioner of Public Works and Transportation

DATE: February 4, 2011

SUBJECT: Authority to Enter into Agreement #11-900 (a Multi-Phased Agreement)
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

Agreement Amount: \$133,180.60

Subconsultant Approval: Busing Associates, Architects, LLP
Damiano Barile Engineers, PC
Adelaide Environmental Health Associates, Inc. (WBE)
Wolf and Company

Authority of your Honorable Board is requested to enter into an Agreement in the matter of engineering services in connection with the Rehabilitation of Administration Building Roof and Tower, Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York. The consultant shall provide design services associated with this project. Design services shall include the preparation of construction contract documents (plans and specifications), construction cost estimates, any required addenda, and a bid analysis including an evaluation of the bids to determine compliance with bidding requirements and whether the bidders are responsible so that the County may recommend award of the construction contracts. The consultant shall also provide design services during construction consisting of shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings.

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.

The intent of this Agreement is to have the design and construction administration performed in multiple phases. The initial design phase will define the scope of work and the required budget for the next phases of construction administration and construction.

Since the estimated fee for professional services was greater than \$100,000, in accordance with the Rules of the Professional Prequalification and Selection Boards, on May 8, 2008, a meeting of the Professional Prequalification Board was held to discuss the scope of work and request a list of qualified firms to provide the necessary services. The list was reviewed by the Professional Selection Board on March 24, 2009 whereby Hillman & Miley Consulting Engineers, PLLC; JMOA Engineering, PC; LiRo Engineers, Inc.; Lockwood, Kessler & Bartlett, Inc.; Tectonic Engineering & Surveying Consultants, PC; and Tristate Aviation d/b/a DY Consultants, were selected to possibly perform said services. On July 13, 2010, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on August 10, 2010.

After reviewing the proposals, and based on the evaluation criteria set forth in the request for proposal, including technical merit and net cost, the Professional Selection Board at its meeting held January 27, 2011, selected Hillman & Miley Consulting Engineers, PLLC, 222 Mamaroneck Avenue, White Plains, New York 10605, as the number one firm to perform engineering services in connection with the Rehabilitation of Administration Building Roof and Tower, Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York, for a total fee of \$133,180.60, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Hillman & Miley Consulting Engineers, PLLC, has requested the utilization of the following subconsultants: Busing Associates, Architects, LLP (Architectural and Historic Restoration Consultant Services), 222 Mamaroneck Avenue, White Plains, New York 10605; Damiano Barile Engineers, PC (Mechanical and Electrical Engineering Services), 77 Tarrytown Road, White Plains, New York 10607; Adelaide Environmental Health Associates, Inc. (Environmental Consultant Services), 1511 Route 22, Brewster, New York 10509; and Wolf and Company (Cost Estimating Consultant Services), Routes 35 and 22, Katonah, New York 10536.

The proposed has been reviewed and is judged to be responsive to the task at hand.

This matter has been reviewed by the Deputy County Executive and the Commissioner of the Department of Environmental Facilities, and they are in concurrence.

I recommend adoption of the attached proposed Resolution.

RESOLUTION

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

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of Hillman & Miley Consulting Engineers, PLLC, 222 Mamaroneck Avenue, White Plains, New York 10605, in the matter of Engineering Services in connection with the Rehabilitation of Administration Building Roof and Tower, Mamaroneck Wastewater Treatment Plant, Mamaroneck, New York; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal for the first phase of this multi-phase project, a total compensation of \$133,180.60, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Busing Associates, Architects, LLP (Architectural and Historic Restoration Consultant Services), 222 Mamaroneck Avenue, White Plains, New York 10605; Damiano Barile Engineers, PC (Mechanical and Electrical Engineering Services), 77 Tarrytown Road, White Plains, New York 10607; Adelaide Environmental Health Associates, Inc. (Environmental Consultant Services), 1511 Route 22, Brewster, New York 10509; and Wolf and Company (Cost Estimating Consultant Services), Routes 35 and 22, Katonah, New York 10536; and be it further

RESOLVED, that the Agreement shall commence upon the consultant's receipt of written notice from the Commissioner of Public Works and Transportation or his designee and that the completion date shall be December 31, 2014; 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.

JJH/LR/AS

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	SM00300E	6120-03		\$ 133,180.60
					Total:	\$ 133,180.60

Budget Funding Year(s) 2011 Start Date: 03/01/2011 End Date: 12/31/2014
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$133,180.60 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

