

60206

**TO:** Board of Acquisition and Contract

**FROM:** Vincent F. Kopicki, PE  
Commissioner of Public Works and Transportation

**DATE:** December 12, 2017

**SUBJECT:** Authority to Enter into Agreement #17-930  
In the matter of Engineering Services in connection with the Roof Replacement Program, Mamaroneck, Peekskill, and Port Chester Water Resource Recovery Facilities, Mamaroneck, Peekskill, and Port Chester Sanitary Sewer Districts, Mamaroneck, Peekskill, and Port Chester, New York

**Consultant:** H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers

**Agreement Amount:** \$694,272.46

*Subconsultant Approval:* LynStaar Engineering, PC (WBE)  
Watts Architecture & Engineering, DPC (MBE)  
KJM Construction Management, Inc.

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Roof Replacement Program, Mamaroneck, Peekskill, and Port Chester Water Resource Recovery Facilities, Mamaroneck, Peekskill, and Port Chester Sanitary Sewer Districts, Mamaroneck, Peekskill, and Port Chester, New York. The consultant shall provide design and construction administration services associated with this project. Design services shall include the preparation of construction contract documents (drawings 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. In addition, the consultant shall 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. 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 replace various roofs at the Mamaroneck, Peekskill, and Port Chester Water Resource Recovery Facilities. The work at the Mamaroneck Water Resource Recovery Facility includes the Primary Building roof, including the influent and effluent wings. The work at the Peekskill Water Resource Recovery Facility includes the Administration Building roof and Blower Building roof. The work at the Port Chester Water Resource Recovery Facility includes the Administration/Sludge Processing Building roof and Sludge Thickening Building roof. These building roofs have been leaking for a number of years and have been patched numerous times in the past. The buildings roofs were last fully upgraded in the 1980's and have reached the end of their useful lives. Neglecting to upgrade these critical elements of the plant may result in damage to sensitive operating equipment in the plant that is located below the leaking roofs. Design for the roof replacement will evaluate the feasibility of using solar panels and high "R" value insulation for potential energy savings. This agreement will benefit the public as it will ensure the water tightness of the buildings and the continued reliable operation of equipment vital to the facilities.

Board of Acquisition and Contract  
Agreement No. 17-930  
Roof Replacement Program  
Mamaroneck, Peekskill, and Port Chester Water Resource Recovery Facilities  
Mamaroneck, Peekskill, and Port Chester Sanitary Sewer Districts  
Mamaroneck, Peekskill, and Port Chester, New York  
H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers  
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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 November 16, 2015, 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 January 12, 2016 whereby Fuller and D'Angelo, PC; H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers; Henningson, Durham & Richardson Architecture and Engineering, PC; and Lothrop Associates LLP were selected to possibly perform said services. On July 26, 2017, a request for proposal ("RFP") was sent to the qualified firms and subsequently three (3) proposals were received on August 31, 2017.

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 December 1, 2017, selected H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers, 2700 Westchester Avenue, Suite 415, Purchase, New York 10577 as the number one firm to perform engineering services in connection with the Roof Replacement Program, Mamaroneck, Peekskill, and Port Chester Water Resource Recovery Facilities, Mamaroneck, Peekskill, and Port Chester Sanitary Sewer Districts, Mamaroneck, Peekskill, and Port Chester, New York, for a total fee of \$694,272.46, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers has requested the utilization of the following subconsultants: LynStaar Engineering, PC (Solar Panel Feasibility and Electrical Engineering Services), 12 Water Street, Suite 202, White Plains, New York 10601; Watts Architecture & Engineering, DPC (Hazardous Material Testing and Abatement Design Services), 95 Perry Street, Suite 300, Buffalo, New York 14203; and KJM Construction Management, Inc. (Construction Administration Services), 150 Grand Street, 4<sup>th</sup> Floor, White Plains, New York 10601.

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

The Department of Public Works and Transportation will track scheduling and accomplishments by the consultant and perform on-site inspections to ensure the successful completion of this project.

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

I recommend adoption of the attached proposed Resolution.

VFK/LR/AS

# 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 H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers, 2700 Westchester Avenue, Suite 415, Purchase, New York 10577, for engineering services associated with the Roof Replacement Program, Mamaroneck, Peekskill, and Port Chester Water Resource Recovery Facilities, Mamaroneck, Peekskill, and Port Chester Sanitary Sewer Districts, Mamaroneck, Peekskill, and Port Chester, New York. The consultant shall provide design and construction administration services associated with this project. Design services shall include the preparation of construction contract documents (drawings 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. In addition, the consultant shall 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. 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 services rendered in accordance with the consultant's proposal, a total compensation of \$694,272.46, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: LynStaar Engineering, PC (Solar Panel Feasibility and Electrical Engineering Services), 12 Water Street, Suite 202, White Plains, New York 10601; Watts Architecture & Engineering, DPC (Hazardous Material Testing and Abatement Design Services), 95 Perry Street, Suite 300, Buffalo, New York 14203; and KJM Construction Management, Inc. (Construction Administration Services), 150 Grand Street, 4<sup>th</sup> Floor, White Plains, New York 10601; 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, 2022; 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.

Agreement No. 17-930

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SM03001E	6120-03	BA # 66-2016	\$106,820.00
	322	60	SM03001I	6120-05	BA # 66-2016	\$185,078.87
	322	60	SPK3001E	6120-03	BA #130-2016	\$ 60,715.08
	322	60	SPK3001I	6120-05	BA #130-2016	\$ 94,875.70
	322	60	SPC1101E	6120-03	BA #110-2015	\$ 91,559.92
	322	60	SPC1101I	6120-05	BA #110-2015	\$155,222.89

Budget Funding Year(s): 2017 Start Date: 12/31/2017 End Date: 12/31/2022  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$694,272.46 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_