

46704

TO: Board of Acquisition and Contract

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

DATE: May 12, 2015

SUBJECT: Authority to Enter into Agreement #15-930
In the matter of Engineering Services in connection with
Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant,
Port Chester, New York

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

Agreement Amount: \$1,240,000.00

Subconsultant Approval: LynStaar Engineering, PC (**WBE**)
Environmental Maintenance Contractors, Inc.

Authority of your Honorable Board is requested to enter into an Agreement in connection with Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant, Port Chester, New York. The consultant shall provide design 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. The County of Westchester also reserves the right to amend this Agreement with the consultant at a future date to provide for construction phase services including, but not limited to, construction administration services and project close-out services.

The objective of this project is to provide upgrades to electrical and HVAC equipment at the Port Chester Wastewater Treatment Plant. The existing electrical and HVAC equipment, systems and controls are antiquated, inefficient, labor intensive, and require heavy maintenance that involves down time. The expected life of electrical and HVAC equipment in a wastewater treatment plant is typically 20 to 30 years. Most of the electrical and HVAC equipment at the Port Chester Wastewater Treatment Plant was installed approximately 28 years ago during the plant expansion project in 1987. Because a majority of the electrical and HVAC system components are at the end of their useful life, upgrades are required at this time. The upgrades shall include, but not be limited to, the following items: the replacement of electrical switch gears, motor control centers, emergency generators, fire alarm system, heating, ventilation and air conditioning equipment, odor control equipment and other related ancillary equipment. This work is necessary to insure that the facility operates reliably and efficiently. This agreement will benefit the public as it will ensure that the plant's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of the residents of Westchester County.

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.

Board of Acquisition and Contract

Agreement No. 15-930

Electrical and HVAC Equipment Upgrades

Port Chester Wastewater Treatment Plant

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 October 8, 2014, 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 November 12, 2014 whereby ARCADIS of New York, Inc.; Camp Dresser McKee & Smith; Current Solutions, Professional Engineering, Estimating and Consulting, PC; Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC; Gannett Fleming Engineers and Architects, PC; GHD Consulting Services Inc.; H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers; Henningson, Durham & Richardson Architecture and Engineering, PC; and O'Brien & Gere Engineers, Inc. were selected to possibly perform said services. On January 16, 2015, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on February 25, 2015.

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 April 21, 2015, selected H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers, 1025 Westchester Avenue, Suite LL01, White Plains, New York 10604, as the number one firm to perform engineering services in connection with Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant, Port Chester, New York, for a total fee of \$1,240,000.00, 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 (Electrical Engineering Design Services), 448-450 Manville Road, Pleasantville, New York 10570; and Environmental Maintenance Contractors, Inc. (Hazardous Materials Investigation Services), 5 Anderson Lane, Goldens Bridge, New York 10526.

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.

JTP/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, 1025 Westchester Avenue, Suite LL01, White Plains, New York 10604, for engineering services associated with Electrical and HVAC Equipment Upgrades, Port Chester Wastewater Treatment Plant, Port Chester, New York. The consultant shall provide design 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. The County of Westchester also reserves the right to amend this Agreement with the consultant at a future date to provide for construction phase services including, but not limited to, construction administration services and project close-out services; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal, a total compensation of \$1,240,000.00, 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 (Electrical Engineering Design Services), 448-450 Manville Road, Pleasantville, New York 10570; and Environmental Maintenance Contractors, Inc. (Hazardous Materials Investigation Services), 5 Anderson Lane, Goldens Bridge, New York 10526; 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, 2020; 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. 15-930

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SPC0301E	6120-03	BA #68-2014	\$ 771,000.00
	322	60	SPC0900E	6120-03	BA #91-2014	\$ 469,000.00

Budget Funding Year(s): 2015 Start Date: 06/15/2015 End Date: 12/31/2020
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$1,240,000.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

Board of Acquisition and Contract
Agreement No. 15-930
Electrical and HVAC Equipment Upgrades
Port Chester Wastewater Treatment Plant
Port Chester, New York
H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers

List of Respondents

ARCADIS of New York, Inc. 44 South Broadway, 15 th Floor White Plains, New York 10601 (914) 694-2100	\$ 1,283,200.00
Camp Dresser McKee & Smith 60 Crossways Park West, Suite 340 Woodbury, New York 11797 (516) 496-8400	\$ 1,144,000.00
Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC 330 Crossways Park Drive Woodbury, New York 11797 (516) 364-9890	\$ 1,644,213.00
GHD Consulting Services Inc. One Remington Park Drive Cazenovia, New York 13035 (315) 655-8161	\$ 1,081,450.00
H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers 1025 Westchester Avenue, Suite LL01 White Plains, New York 10604 (914) 358-5623	\$ 1,240,000.00
Henningson, Durham & Richardson Architecture and Engineering, PC 711 Westchester Avenue White Plains, New York 10604 (914) 993-2046	\$ 2,375,000.00
O'Brien & Gere Engineers, Inc. 22 Saw Mill River Road Hawthorne, New York 10532 (914) 345-1616	\$ 1,315,591.00