

50022

TO: Board of Acquisition and Contract

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

DATE: December 15, 2015

SUBJECT: Authority to Enter into Agreement #15-961
In the matter of Engineering Services in connection with the Secondary System Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York

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

Agreement Amount: \$498,000.00

Subconsultant Approval: Lyn Staar Engineering, PC (**WBE**)
Quality Environmental Solutions & Technologies, Inc. (**MBE**)
KJM Construction Management, Inc.

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Secondary System Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, 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 rehabilitate the secondary system at the Yonkers Joint Wastewater Treatment Plant. This work provides for upgrading of secondary system equipment and related controls reaching the end of their useful life, including but not limited to, Blower No. 6, floor improvements for various areas, as well as upgrading of the secondary plant water system. This agreement will benefit the public as it will ensure that the facility's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of the residents of Westchester County.

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 AECOM USA, Inc.; ARCADIS of New York, Inc.; Camp Dresser McKee & Smith; D&B Engineers and Architects, PC; Greeley and Hansen LLC; H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC d/b/a H2M architects + engineers; Henningson, Durham & Richardson Architecture and Engineering, PC; and Savin Engineers, PC were selected to possibly perform said services. On July 9, 2015, a request for proposal (RFP) was sent to the qualified firms and subsequently four (4) proposals were received on September 1, 2015.

Board of Acquisition and Contract

Agreement No. 15-961

Secondary System Rehabilitation

Yonkers Joint Wastewater Treatment Plant

Yonkers, New York

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

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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 November 10, 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 the Secondary System Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York, for a total fee of \$498,000.00, 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: Lyn Staar Engineering, PC (Electrical Engineering Design and Construction Inspection Services), 448-450 Manville Road, Pleasantville, New York 10570; Quality Environmental Solutions & Technologies, Inc. (Hazardous Materials Survey), 1376 Route 9, Wappingers Falls, New York 12590; and KJM Construction Management, Inc. (Construction Administration Services), 150 Grand Street, 4th 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 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 the Secondary System Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, 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 \$498,000.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Lyn Staar Engineering, PC (Electrical Engineering Design and Construction Inspection Services), 448-450 Manville Road, Pleasantville, New York 10570; Quality Environmental Solutions & Technologies, Inc. (Hazardous Materials Survey), 1376 Route 9, Wappingers Falls, New York 12590; and KJM Construction Management, Inc. (Construction Administration Services), 150 Grand Street, 4th 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, 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. 15-961

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
322	60	SY02401E	6120-03	BA #62-2014	\$236,500.00
322	60	SY02401I	6120-05	BA #62-2014	\$261,500.00

Budget Funding Year(s): 2016 Start Date: 01/30/2016 End Date: 12/31/2020
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./ Social Security No.: _____
 State Aid: _____ Vendor No.: _____
\$498,000.00 Federal Aid: _____ Encumbrance No.: _____
 (must match resolution) Other: _____