

41454

**TO:** Board of Acquisition and Contract  
**FROM:** Jay T. Pisco, PE  
Commissioner of Public Works and Transportation  
**DATE:** July 22, 2014  
**SUBJECT:** Authority to Enter into Agreement #14-930  
In the matter of Engineering Services in connection with Miscellaneous Structural Repairs,  
Yonkers Joint Wastewater Treatment Plant and Hawthorne Receiving Manhole,  
City of Yonkers and Town of Mount Pleasant, New York

**Consultant:** Henningson, Durham & Richardson Architecture and  
Engineering, PC

**Agreement Amount:** \$72,600.00

*Subconsultant Approval:* Matrix New World Engineering, Inc. (WBE)

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Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for Miscellaneous Structural Repairs, Yonkers Joint Wastewater Treatment Plant and Hawthorne Receiving Manhole, City of Yonkers and Town of Mount Pleasant, 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 provide miscellaneous structural repairs required at the Yonkers Joint Wastewater Treatment Plant ("YJWWTP") and the Hawthorne Receiving Manhole.

The primary influent channel at the YJWWTP conveys all of the flow into the plant. Leaks in the wall castings of the primary influent channel at the YJWWTP have been encountered recently. Short-term repairs have been made by Department of Environmental Facilities staff, but long-term structural repairs are required to prevent leaks in the future which could potentially flood the pipe gallery to the primary tanks. Neglecting to upgrade this integral element of the plant may result in damage to multiple areas of the YJWWTP.

Owned and operated by the Westchester County Department of Environmental Facilities ("WCDEF"), the Hawthorne Receiving Manhole facility accepts septic waste generated in Westchester County and is connected to the County trunk sewer system for treatment at the YJWWTP. Large trucks drive up and park on a concrete pad in order to discharge the septic waste into one of two manholes located at the facility. The concrete pad exhibits significant deterioration that potentially compromises its structural integrity. Structural repairs, or complete replacement, of the concrete pad is required to provide safe access into the facility. Neglecting to upgrade this integral element of the facility may result in a structural failure of the pad making the manholes inaccessible.

Board of Acquisition and Contract  
Agreement No. 14-930  
Miscellaneous Structural Repairs,  
Yonkers Joint Wastewater Treatment Plant and Hawthorne Receiving Manhole  
Henningson, Durham & Richardson Architecture and Engineering, PC  
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This agreement will benefit the public as it will ensure that the operations at YJWWTP and the Hawthorne Receiving Manhole facility are safe and environmentally compliant, enabling WCDEF to fulfill its basic mission of providing wastewater treatment and maintaining water quality, thereby promoting public health policies and laws.

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.

On May 18, 2012, the Professional Prequalification Board was canvassed for the purpose of generating an eligible list of qualified firms to provide miscellaneous professional services for an estimated fee not-to-exceed \$100,000. The Professional Prequalification Board approved a list of twelve (12) qualified firms. The list was reviewed by the Professional Selection Board on May 27, 2014, whereby three firms were selected to possibly perform said services.

By Resolution approved July 17, 2014, your Honorable Board authorized the County to negotiate with the firm of Henningson, Durham & Richardson Architecture and Engineering, PC, 711 Westchester Avenue, White Plains, New York 10604, and a proposal was submitted for engineering services for Miscellaneous Structural Repairs, Yonkers Joint Wastewater Treatment Plant and Hawthorne Receiving Manhole, City of Yonkers and Town of Mount Pleasant, New York, for a total fee of \$72,600.00, pursuant to an approved budget.

In addition, Henningson, Durham & Richardson Architecture and Engineering, PC, has requested the utilization of the following subconsultant: Matrix New World Engineering, Inc. (Land Surveying Services), 26 Columbia Turnpike, Florham Park, New Jersey 07932.

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

JTP/LR/AS

# RESOLUTION

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

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of Henningson, Durham & Richardson Architecture and Engineering, PC, 711 Westchester Avenue, White Plains, New York 10604, for engineering services for Miscellaneous Structural Repairs, Yonkers Joint Wastewater Treatment Plant and Hawthorne Receiving Manhole, City of Yonkers and Town of Mount Pleasant, 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 \$72,600.00 shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that this Agreement is subject to County appropriations; and be it further

RESOLVED, that this Agreement is also subject to further financial analysis of the impact of any New York State Budget (the "State Budget") proposed and adopted during the term of this Agreement. The County shall retain the right, upon the occurrence of any release by the Governor of a proposed State Budget and/or the adoption of a State Budget or any amendments thereto, and for a reasonable period of time after such release(s) or adoption(s), to conduct an analysis of the impacts of any such State Budget on County finances. After such analysis, the County shall retain the right to either terminate the Agreement or to renegotiate the amounts and rates approved herein. If the County subsequently offers to pay a reduced amount to the consultant, then the consultant shall have the right to terminate this Agreement upon reasonable prior written notice; and be it further

RESOLVED, that the use of the following subconsultant also be approved: Matrix New World Engineering, Inc. (Land Surveying Services), 26 Columbia Turnpike, Florham Park, New Jersey 07932; and be it further

# RESOLUTION

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, 2015; 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. 14-930

| Account to be Charged/Credited | Fund | Dept | Major Program, Program & Phase or Unit | Object/ Sub Object | Bond Act No. | Dollars      |
|--------------------------------|------|------|--|--------------------|--------------|--------------|
| <i>Yonkers JWWTP</i>           | 221  | 60   | 0110-0141                              | 4310-SEFS          | N/A          | \$ 20,600.00 |
| <i>Hawthorne Manhole</i>       | 221  | 60   | 0110-0150                              | 4310-SEFS          | N/A          | \$ 52,000.00 |
|                                |      |      |  |                    |              |              |

Budget Funding Year(s): 2014 Start Date: 08/30/14 End Date: 12/31/15  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$72,600.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_