

45137

**TO:** Board of Acquisition and Contract  
**FROM:** Jay T. Pisco, PE  
Commissioner of Public Works and Transportation  
**DATE:** March 3, 2015  
**SUBJECT:** Authority to Enter into Agreement #15-914 in the matter of  
Engineering Services in connection with a Wastewater Residuals Handling Facilities Study,  
Various Wastewater Treatment Plant and Pumping Station Locations,  
Westchester County, New York

**Consultant:** Hazen and Sawyer, PC  
**Agreement Amount:** \$399,000.00

*Subconsultant Approval:* Barton & Loguidice, DPC  
LynStaar Engineering, PC (**WBE**)  
Nasco Construction Services, Inc. (**WBE**)

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Authority of your Honorable Board is requested to enter into an Agreement in connection with a Wastewater Residuals Handling Facilities Study, Various Wastewater Treatment Plant and Pumping Station Locations, Westchester County, New York. The consultant shall provide study services associated with this project. For study services, the consultant shall provide data acquisition, verify existing site conditions, perform environmental testing and analysis, develop alternate solutions with associated cost estimates, prepare a draft report for review, and issue a final report indicating recommended options.

The objective of this project is to provide a report which will review and provide recommendations for alternatives for future handling and disposal of all wastewater residuals from the seven (7) Wastewater Treatment Plants (WWTP) and three (3) staffed Wastewater Pumping Stations (North Yonkers, Hutchinson, and Tarrytown) operated by the Westchester County Department of Environmental Facilities. The study shall investigate the current processes at the facilities and compare them with currently available alternatives in addition to state-of-the-art alternatives and emerging technologies that may become available. The study shall include, but not be limited to, transportation, disposal, energy efficiency, energy recovery, training needs, innovative state-of-the-art sustainable practices, environmentally friendly cost-effective alternatives, and possible process treatment practices that reduce the quantity and quality of residuals such as sludge, grit, and screenings. Combining or consolidating sludge trucking, inter-plant trucking with County personnel or private haulers, and utilizing excess digester capacity at the Peekskill WWTP and Yonkers Joint WWTP or sludge dewatering capacity at the New Rochelle WWTP shall also be included. This agreement will benefit the public as it will ensure that the County's wastewater treatment operations are safe and environmentally compliant, thereby enhancing the health and general welfare of County residents.

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 24, 2013, 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 26, 2013 whereby ARCADIS of New York, Inc.; Barton & Loguidice, DPC; Camp Dresser McKee & Smith; GHD Consulting Services Inc.; Greeley and Hansen, LLC; Hazen and Sawyer, PC; H2M Architects + Engineers; O'Brien & Gere Engineers, Inc.; and Savin Engineers, PC were selected to possibly perform said services. On April 11, 2014, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on May 22, 2014.

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 29, 2015, selected Hazen and Sawyer, PC, 498 Seventh Avenue, New York, New York 10018, as the number one firm to perform engineering services in connection with a Wastewater Residuals Handling Facilities Study, Various Wastewater Treatment Plant and Pumping Station Locations, Westchester County, New York, for a total fee of \$399,000.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Hazen and Sawyer, PC, has requested the utilization of the following subconsultants: Barton & Loguidice, DPC (Asset Management Services), 290 Elwood Davis Road, Liverpool, New York 13088; LynStaar Engineering, PC (Field Evaluation Services), 448-450 Manville Road, Pleasantville, New York 10570; and Nasco Construction Services, Inc. (Cost Estimating Services), 200 Business Park Drive, Armonk, New York 10504.

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 Hazen and Sawyer, PC, 498 Seventh Avenue, New York, New York 10018, for engineering services associated with a Wastewater Residuals Handling Facilities Study, Various Wastewater Treatment Plant and Pumping Station Locations, Westchester County, New York. The consultant shall provide study services associated with this project. For study services, the consultant shall provide data acquisition, verify existing site conditions, perform environmental testing and analysis, develop alternate solutions with associated cost estimates, prepare a draft report for review, and issue a final report indicating recommended options, and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal, a total compensation of \$399,000.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Barton & Loguidice, DPC (Asset Management Services), 290 Elwood Davis Road, Liverpool, New York 13088; LynStaar Engineering, PC (Field Evaluation Services), 448-450 Manville Road, Pleasantville, New York 10570; and Nasco Construction Services, Inc. (Cost Estimating Services), 200 Business Park Drive, Armonk, New York 10504; 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, 2018; 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. 15-914

| Account to be Charged/Credited | Fund | Dept | Major Program, Program & Phase or Unit | Object/ Sub Object | Bond Act No. | Dollars       |
|--------------------------------|------|------|--|--------------------|--------------|---------------|
|                                | 322  | 60   | SW02301F                               | 6120-03            | BA #120-2013 | \$ 399,000.00 |
|                                |      |      |  |                    |              |               |
|                                |      |      |  |                    |              |               |

Budget Funding Year(s): 2015 Start Date: 04/15/2015 End Date: 12/31/2018  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$399,000.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_

Board of Acquisition and Contract  
Agreement No. 15-914  
Wastewater Residuals Handling Facilities Study  
Various Wastewater Treatment Plant and Pumping Station Locations  
Hazen and Sawyer, PC

List of Respondents

|   |    |            |
|---|----|------------|
| Camp Dresser McKee & Smith<br>60 Crossways Park West, Suite 340<br>Woodbury, New York 11797<br>(516) 496-8400 | \$ | 567,820.00 |
| GHD Consulting Services Inc.<br>One Remington Park Drive<br>Cazenovia, New York 13035<br>(315) 655-8161       | \$ | 328,000.00 |
| Hazen and Sawyer, PC<br>498 Seventh Avenue<br>New York, New York 10018<br>(212) 777-8400                      | \$ | 399,000.00 |
| O'Brien & Gere Engineers, Inc.<br>22 Saw Mill River Road<br>Hawthorne, New York 10532<br>(914) 345-1616       | \$ | 689,000.00 |
| Savin Engineers, PC<br>3 Campus Drive<br>Pleasantville, New York 10570<br>(914) 769-3200                      | \$ | 327,750.00 |

APPROVED BOARD OF ACQUISITION & CONTRACT - 03/26/2015 - JOMARY VIEIRA, SECRETARY