

21158

TO: Board of Acquisition and Contract

FROM: John J. Hsu, PE
Commissioner of Public Works and Transportation

DATE: August 15, 2011

SUBJECT: Authority to Enter into Agreement #11-923 (a Multi-Phased Agreement)
In the matter of Engineering Services in connection with the
Mechanical and Sludge Handling Upgrades, Peekskill Wastewater Treatment Plant,
Peekskill, New York

Consultant: GHD Consulting Engineers, LLC

Agreement Amount: \$119,000.00

Subconsultant Approval: LynStaar Engineering, PC (*WBE*)
Charles A. Manganaro Consulting Engineers, PC (*MBE*)

Authority of your Honorable Board is requested to enter into an Agreement in the matter of engineering services in connection with the Mechanical and Sludge Handling Upgrades, Peekskill Wastewater Treatment Plant, Peekskill, New York. The consultant shall provide design services associated with this project. Design services shall include the preparation of construction contract documents (plans 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. The consultant shall also 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 objective of this project is to upgrade the mechanical and sludge handling systems at the Peekskill Wastewater Treatment Plant. Presently the mechanical equipment and mechanisms in the primary and final clarifiers, and ancillary pumps and piping are over 25 years old and have reached the end of their useful life. Replacement is necessary to ensure process reliability and environmentally compliant operation of the treatment plant. This project is for the replacement of plant components including the sludge collection mechanisms in the primary and final settling tanks, new sludge plunger pumps, sludge piping and new primary and final settling tank grease skimmers. Neglecting to upgrade these critical elements of the plant may result in a failure, including the occurrence of a sewage overflow emergency that could allow sewage into the surrounding properties and cause violations of the plant's State Pollutant Discharge Elimination System (SPDES) Permit. It should be noted that energy efficiencies will be evaluated during the design phase using Leadership in Energy and Environmental Design ("LEED") recommendations and improvements, and those applicable to the required work will be incorporated to help reduce energy usage, maintenance and manpower costs. 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 intent of this Agreement is to have the design and construction administration performed in multiple phases. The initial design phase will define the scope of work and the required budget for the next phases of design and construction administration for which funding has been approved.

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 August 6, 2009, 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 April 19, 2011 whereby AECOM USA, Inc.; Camp Dresser & McKee; Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC; GHD Consulting Engineers, LLC; Hazen and Sawyer, PC; Henningson, Durham & Richardson Architecture and Engineering, PC, In Association with HDR Engineering, Inc.; and Savin Engineers, PC, were selected to possibly perform said services. On May 10, 2011, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on June 23, 2011.

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 August 3, 2011, selected GHD Consulting Engineers, LLC, One Remington Park Drive, Cazenovia, New York 13035, as the number one firm to perform engineering services in connection with the Mechanical and Sludge Handling Upgrades, Peekskill Wastewater Treatment Plant, Peekskill, New York, for a total fee of \$119,000.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, GHD Consulting Engineers, LLC, has requested the utilization of the following subconsultants: LynStaar Engineering, PC (Electrical Design), 448-450 Manville Road, Pleasantville, New York 10570; and Charles A. Manganaro Consulting Engineers, PC (Structural Design), 7 West Cross Street, Hawthorne, New York 10532.

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.

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 GHD Consulting Engineers, LLC, One Remington Park Drive, Cazenovia, New York 13035, in the matter of Engineering Services in connection with the Mechanical and Sludge Handling Upgrades, Peekskill Wastewater Treatment Plant, Peekskill, New York; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal for the first phase of this multi-phase project, a total compensation of \$119,000.00, 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 Design), 448-450 Manville Road, Pleasantville, New York 10570; and Charles A. Manganaro Consulting Engineers, PC (Structural Design), 7 West Cross Street, Hawthorne, New York 10532; 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, 2014; 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.

JJH/LR/AS

Agreement No. 11-923

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
322	60	SPK1200E	6120-03		\$ 119,000.00
				Total:	\$ 119,000.00

Budget Funding Year(s): 2011 Start Date: 10/01/2011 End Date: 12/31/2014
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$119,000.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

Board of Acquisition and Contract
Agreement No. 11-923
Mechanical and Sludge Handling Upgrades, Peekskill Wastewater Treatment Plant
GHD Consulting Engineers, LLC

List of Respondents

AECOM USA, Inc. 605 Third Avenue, 27 th Floor New York, New York 10158 (860) 263-5800	\$ 201,143.40
Camp Dresser & McKee 60 Crossways Park Drive West, Suite 340 Woodbury, New York 11797 (516) 496-8400	\$ 272,337.00
Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC 330 Crossways Park Drive Woodbury, New York 11797 (516) 364-9890	\$ 290,000.00
GHD Consulting Engineers, LLC One Remington Park Drive Cazenovia, New York 13035 (315) 655-8161	\$ 119,000.00
Hazen and Sawyer, PC 498 Seventh Avenue New York, New York 10018 (212) 777-8400	\$ 151,646.00
Henningson, Durham & Richardson Architecture and Engineering, PC, In Association with HDR Engineering, Inc. 711 Westchester Avenue White Plains, New York 10604 (914) 993-2000	\$ 198,979.27
Savin Engineers, PC 3 Campus Drive Pleasantville, New York 10570 (914) 769-3200	\$ 231,053.00