

34019

TO: Board of Acquisition and Contract
FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation
DATE: May 10, 2013
SUBJECT: Request Authority to Obtain a Proposal and Negotiate a Fee with
GHD Consulting Engineers, LLC, in connection with Engineering Services for an
Alternate Water Supply for the Northern Section of the Kensico-Bronx Pipeline,
Westchester County Water District No. 1, Cities of White Plains and Yonkers, Village of
Scarsdale, and Town of North Castle, New York (#13-916)

Authority of your Honorable Board is requested to obtain a proposal and to negotiate a fee in connection with engineering services for an Alternate Water Supply for the Northern Section of the Kensico-Bronx Pipeline, Westchester County Water District No. 1, Cities of White Plains and Yonkers, Village of Scarsdale, and Town of North Castle, New York.

The objective of this project is to provide Westchester County Water District No. 1 ("WCWD #1") with an alternate supply of ultraviolet ("UV") treated water, from Shaft 22 of the Delaware Aqueduct to the Northern Section of the Kensico-Bronx Pipeline, that will achieve compliance with the United States Environmental Protection Agency's Long Term 2 Enhanced Surface Water Treatment Rule ("EPA's LT2 Rule"). The Kensico-Bronx Pipeline is a 48-inch cast iron pipe that conveys water from the Kensico Reservoir in Valhalla to the Westchester/Bronx border line. WCWD #1 owns and operates the Kensico-Bronx Pipeline to supply water to White Plains, Scarsdale, Yonkers, and Mount Vernon. The Kensico-Bronx Pipeline is connected to its primary supply at two points: (1) to the Kensico Reservoir at the north end; and (2) to Shaft 22 of the Delaware Aqueduct near the midpoint of the pipeline in Northeast Yonkers. Areas served by connections north of Shaft 22, which includes White Plains, Scarsdale, a portion of North Castle, and the northern part of Yonkers, are normally supplied from the Kensico Reservoir. Areas served by connections south of Shaft 22, which includes Mount Vernon and the southern part of Yonkers, are normally supplied from Shaft 22 which transmits water from the New York City Department of Environmental Protection ("NYCDEP") Catskill-Delaware UV Disinfection Facility which is in compliance with the EPA's LT2 Rule. The work required under this project will implement recommendations from a recently completed study that assessed the hydraulic and chemical feed systems at Shaft 22 and the major interconnections to the Kensico-Bronx Pipeline in order to determine the feasibility and best option to backfeed the northern portion of WCWD #1 from Shaft 22. Failure to undertake this project may result in a violation of the EPA's Safe Drinking Water Act potentially resulting in significant financial penalties. This agreement will benefit the public as it will ensure that the County's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of County residents.

Time is of the essence in order to achieve compliance with the EPA's LT2 Rule as quickly as possible to minimize or avoid financial penalties. The EPA's LT2 Rule required additional water disinfection treatment of all water supply systems that serve over 100,000 people, which includes WCWD #1, by April 2012. Currently, only two-thirds of WCWD #1 is in compliance (comprising the areas south of Shaft 22). The work encompassed in this project will bring the rest of WCWD #1 into compliance (comprising the areas north of Shaft 22), thereby minimizing any potential penalties. Subsequent to numerous discussions between the parties, the County recently notified the EPA that WCWD #1 shall have a system in place in order to be in compliance by November 2013 (for winter flow demands) and by April 2014 (for summer flow demands).

Board of Acquisition and Contract
Agreement No. 13-916
Engineering Services in connection with an
Alternate Water Supply for the Northern Section of the Kensico-Bronx Pipeline,
Westchester County Water District No. 1,
Cities of White Plains and Yonkers, Village of Scarsdale, and Town of North Castle, New York
GHD Consulting Engineers, LLC
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Due to the urgency of this project, the Commissioner of Environmental Facilities has requested that the accelerated consultant procurement procedure be followed to retain a consultant to provide the necessary engineering services to implement a solution for WCWD #1 that will achieve compliance with the EPA's LT2 Rule. In accordance with the Accelerated Qualification and Selection Procedure as outlined in the Rules of the Professional Prequalification and Selections Boards (Act 144-1996, §3D), on April 25, 2013, a statement outlining the aforementioned reason requiring the accelerated procedure, the qualifications of the proposed firm and the scope of work for an Alternate Water Supply for the Northern Section of the Kensico-Bronx Pipeline, Westchester County Water District No. 1, Cities of White Plains and Yonkers, Village of Scarsdale, and Town of North Castle, New York was submitted to the Chairman of the Professional Prequalification Board.

The Chairman of the Professional Prequalification Board on April 25, 2013, agreed that the accelerated consultant procurement procedure was warranted. Subsequently, these items were reviewed and approved by the Chairman of the Professional Selection Board on May 2, 2013, and the firm was selected to perform said services. The firm is:

GHD Consulting Engineers, LLC
One Remington Park Drive
Cazenovia, New York 13035

The above-mentioned firm has the expertise on similar projects, technical knowledge, staffing and is the best-qualified firm to accomplish this project in the timeframe allowed.

GHD Consulting Engineers, LLC is an engineering firm with significant experience in drinking water supply issues, including those of immediate concern to the County. The firm has previously collaborated with the municipal members of WCWD #1 and the NYCDEP on a project dealing with alternative water sources for the southern portion of WCWD #1. In addition, the firm has recently completed a study that evaluated various scenarios to provide UV treated water to the Northern Section of the Kensico-Bronx Pipeline to meet the EPA's LT2 Rule.

It should be noted that this resolution only seeks authority to obtain a proposal and to negotiate a fee in connection with engineering services for the aforementioned work in order to both fully inform your Honorable Board of the expected consultant agreement and to demonstrate to the EPA that the County has undertaken its commitments to fully comply with the EPA's LT2 Rule. However, in consultation with the Law Department, this resolution contains the following conditions that ensure compliance with the requirement that the currently unfunded portion of this contract be subject to future bonding approval by the Board of Legislators ("BOL"). The Law Department is presently preparing legislation to authorize funding for the design, construction management, and construction of this capital project. Authorization to enter into an agreement will be submitted to your Honorable Board for approval following approval of the BOL and satisfactory completion of negotiations. No agreement will be executed until all applicable approvals have been received.

This matter has been reviewed by the Deputy County Executive and the Commissioner of the Department of Environmental Facilities, and they are in concurrence.

In light of the foregoing I recommend adoption of the attached proposed Resolution.

RESOLUTION

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

RESOLVED, that approval is hereby granted to obtain a proposal and to negotiate a fee with GHD Consulting Engineers, LLC, One Remington Park Drive, Cazenovia, New York 13035, for engineering services for an Alternate Water Supply for the Northern Section of the Kensico-Bronx Pipeline, Westchester County Water District No. 1, Cities of White Plains and Yonkers, Village of Scarsdale, and Town of North Castle, New York; and be it further

RESOLVED, that the engineering services associated with this project are subject to future bonding approval by the Board of Legislators.

JTP/LR/AS

Agreement No. 13-916

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
	N/A	N/A	N/A	N/A		

Budget Funding Year(s): 2013 Start Date: N/A End Date: N/A
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./ Social Security No.: _____
 State Aid: _____
 Federal Aid: _____ Vendor No.: _____
 Other: _____ Encumbrance No.: _____