

45967

TO: Board of Acquisition and Contract

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

DATE: April 7, 2015

SUBJECT: Authority to Enter into Agreement #15-917
In the matter of Engineering Services in connection with
Engineering Assessment Plans for Seven (7) Class "B" Dams, Westchester County, New York

Consultant: GHD Consulting Services Inc.
Agreement Amount: \$82,800.00

Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for Engineering Assessment Plans for Seven (7) Class "B" Dams, 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 will be to provide Engineering Assessment Plans for seven (7) Class "B" dams owned and maintained by the Westchester County Department of Parks, Recreation and Conservation. Class "B" dams are located in areas where their failure may cause isolated personal injury and/or property damage. The Engineering Assessment Plans are mandated by the New York State Department of Environmental Conservation ("NYSDEC") in accordance with the requirements of 6 NYCRR Part 673.13 and NYSDEC DOW TOGS 3.1.4 "Guidance for Dam Engineering Assessment Reports". Each Engineering Assessment Plan shall include, but is not limited to, the following: Inspection and Maintenance Plan review, Emergency Action Plan review, safety inspection, hazard classification review, hydrology assessment, hydraulic capacity assessment, structural stability analysis, overall dam condition rating, and recommendations for remedial action. These dams consist of five (5) NYSDEC-registered Class "B" dams and two (2) unregistered dams, which are anticipated to be classified as Class "B" dams. The following five (5) dam structures are currently registered with NYSDEC:

- Lounsbury Pond Dam (NYSID #213-0379) – Town of Cortlandt – Masonry Dam
- Pine Lake Dam (NYSID #231-5397) – Town of North Salem – Concrete Gravity Dam
- New Rochelle Reservoir #2 Dam (NYSID #215-0191) – Town of Eastchester & City of New Rochelle – Masonry Dam
- Silver Lake Dam (NYSID #214-0262) – City of White Plains – Earthen Dam
- Wampus Lake Dam (NYSID #232-4587) – Town of North Castle – Earthen Dam

The following two (2) dam structures are not registered with NYSDEC:

- Upper Lounsbury Pond Dam – Town of Cortlandt – Masonry and Earthen Dam
- Petersons Pond Dam – Town of Cortlandt – Masonry Dam

This work is necessary to ensure that these dams owned and maintained by the County are in conformance with all NYSDEC regulations regarding dam safety. This agreement will benefit the public as it will evaluate the functionality of these dam structures ensuring their safe use by the public, thus addressing the County Executive's priority area of Safety and Security.

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 October 8, 2014, the Professional Prequalification Board was canvassed for the purpose of generating an eligible list of qualified firms to provide professional services for this project for an estimated fee not-to-exceed \$100,000. The Professional Prequalification Board approved a list of six (6) qualified firms. The list was reviewed by the Professional Selection Board on November 12, 2014, whereby three firms were selected to possibly perform said services.

By Resolution approved April 2, 2015, your Honorable Board authorized the County to negotiate with the firm of GHD Consulting Services Inc., One Remington Park Drive, Cazenovia, New York 13035, and a proposal was submitted for engineering services for Engineering Assessment Plans for Seven (7) Class "B" Dams, Westchester County, New York, for a total fee of \$82,800.00, pursuant to an approved budget.

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

JTP/RSD/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 GHD Consulting Services Inc., One Remington Park Drive, Cazenovia, New York 13035, for engineering services for Engineering Assessment Plans for Seven (7) Class "B" Dams, 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 \$82,800.00 shall be provided, pursuant to an approved budget; 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, 2016; 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. 15-917

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
372	42	RG11101E	6120-03	BA #196-2014	\$ 82,800.00

Budget Funding Year(s): 2015 Start Date: 05/15/15 End Date: 12/31/16
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$82,800.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____