

82441

**TO:** Board of Acquisition and Contract

**FROM:** Hugh J. Greechan, Jr., PE  
Commissioner of Public Works and Transportation

**DATE:** May 4, 2021

**SUBJECT:** Request Authority to Obtain a Proposal and Negotiate a Fee with Princeton Hydro Engineering, P.C., in connection with Engineering Services for Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York (#21-909)

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Authority of your Honorable Board is requested to obtain a proposal and to negotiate a fee in connection with engineering services for Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York.

The objective of this project will be to provide for the removal of a concrete masonry dam and abutments located in the Furnace Brook a tributary of the Hudson River, at Oscawana Island Nature Preserve. The removal of this dam will provide for natural sediment transport that will improve water quality and provide an enhanced ecological habitat for aquatic species, including fish. The removal of the dam shall include, but not be limited to, the following design elements: removal of existing dam and abutments, extraneous sediment removal required to establish a natural streambed, and restoration of the floodplain. This agreement will benefit the public as it mitigates the impacts of excessive sedimentation and stormwater pollutants on the Furnace Brook, thereby enhancing the aesthetic, recreational and ecological values of the area which promotes public health policies and laws.

On December 14, 2020, the Professional Prequalification Board was canvassed for the purpose of generating an eligible list of qualified firms to provide engineering services for this project. The Professional Prequalification Board approved a list of six (6) qualified firms. As the fee is estimated to be less than \$250,000, on February 1, 2021 the Professional Selection Board reviewed this eligible list of qualified firms and selected the best three qualified firms to possibly perform said services. The three firms were:

1. Princeton Hydro Engineering, P.C.  
1108 Old York Road, Suite 1  
Ringoos, New Jersey 08551
2. GZA GeoEnvironmental of New York  
104 West 29<sup>th</sup> Street, 10<sup>th</sup> Floor  
New York, New York 10001
3. Mott MacDonald NY, Inc.  
800 Westchester Avenue, Suite N-641  
Rye Brook, New York 10573

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After careful consideration, the Professional Selection Board ranked the firm of Princeton Hydro Engineering, P.C., as the number one firm suitable for this proposal for these professional services. Authorization to enter into an Agreement will be submitted to your Honorable Board when negotiations are satisfactorily completed. This selection process followed the requirements as outlined in the Rules of the Professional Prequalification and Selection Boards and the Laws of Westchester County.

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

I recommend adoption of the attached proposed Resolution.

HJG/RSD/as

# RESOLUTION

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

RESOLVED, that with the concurrence of the Professional Selection Board, approval is hereby granted to obtain a proposal and to negotiate a fee with Princeton Hydro Engineering, P.C., 1108 Old York Road, Suite 1, Ringoes, New Jersey 08551, for engineering services for Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York.

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Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	318	19	BPL4005E	6120-03	BA #63-2021	

Budget Funding Year(s): 2021 Start Date: N/A End Date: N/A  
(must match resolution)

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