

86415

TO: Board of Acquisition and Contract
FROM: Hugh J. Greechan, Jr., PE
Commissioner of Public Works and Transportation
DATE: July 20, 2021
SUBJECT: Authority to Enter into Agreement #21-909 in the matter of Engineering Services in connection with Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York

Consultant: Princeton Hydro Engineering, P.C.
Agreement Amount: \$225,000.00

Subconsultant Approval: C. T. Male Associates Engineering, Surveying, Architecture,
Landscape Architecture & Geology, D.P.C.

Authority of your Honorable Board is requested for the County of Westchester ("County") acting by and through its Department of Public Works and Transportation ("Department") to enter into Agreement No. 21-909 ("Agreement") with Princeton Hydro Engineering, P.C. ("Consultant"), 1108 Old York Road, PO Box 720, Ringoes, New Jersey 08551, in connection with engineering services for Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York. The Consultant shall provide design services associated with this project. Design services shall include the preparation of construction contract documents (drawings 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. In addition, the Consultant shall 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 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, the list was reviewed by the Professional Selection Board on February 1, 2021, whereby three firms were selected to possibly perform said services.

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By Resolution approved May 13, 2021, your Honorable Board authorized the County to negotiate with the Consultant and a proposal was submitted for engineering services for Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York, for a total fee of \$225,000.00, pursuant to an approved budget.

In addition, the Consultant has requested the utilization of the following subconsultant: C. T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C., for Land Surveying Services, 50 Century Hill Drive, Latham, New York 12110.

The Department will track scheduling and accomplishments by the Consultant and perform on-site inspections to ensure the successful completion of this project.

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

HJG/RSD/as

RESOLUTION

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

RESOLVED, that approval is hereby granted for the County of Westchester (“County”) acting by and through its Department of Public Works and Transportation (“Department”) to enter into Agreement No. 21-909 (“Agreement”) with the firm of Princeton Hydro Engineering, P.C. (“Consultant”), 1108 Old York Road, PO Box 720, Ringoes, New Jersey 08551, in connection with engineering services for Furnace Brook Maiden Lane Dam Removal, Oscawana Island Nature Preserve, Town of Cortlandt, New York. The Consultant shall provide design services associated with this project. Design services shall include the preparation of construction contract documents (drawings 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. In addition, the Consultant shall 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; and be it further

RESOLVED, that for services rendered in accordance with the Consultant’s proposal, a total compensation of \$225,000.00 shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: C. T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C., for Land Surveying Services, 50 Century Hill Drive, Latham, New York 12110; 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, 2025; 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. 21-909

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	318	19	BPL40-05-E	6120-03	BA #63-2021	\$ 225,000.00

Budget Funding Year(s): 2021 Start Date: 08/15/21 End Date: 12/31/25
(must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$225,000.00 Federal Aid: _____ Vendor No.: _____
(must match resolution) Other: _____ Encumbrance No.: _____