

52191

**TO:** Board of Acquisition and Contract  
**FROM:** Jay T. Pisco, PE  
Commissioner of Public Works and Transportation  
**DATE:** June 7, 2016  
**SUBJECT:** Authority to Enter into Agreement #16-910  
In the matter of Engineering Services in connection with the  
Reconstruction of the Beaver Brook Section T-1 Sanitary Sewer Spur,  
Mamaroneck Sanitary Sewer District, Harrison and Rye, New York

**Consultant:** Savin Engineers, PC (MBE)  
**Agreement Amount:** \$99,800.00

*Subconsultant Approval:* WSP USA Corp. d/b/a WSP

---

Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for the Reconstruction of the Beaver Brook Section T-1 Sanitary Sewer Spur, Mamaroneck Sanitary Sewer District, Harrison and Rye, 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 is to completely reconstruct approximately 124 linear feet of 12-inch diameter cast iron sewer between two existing manholes located along Park Avenue crossing the Beaver Swamp Brook at the City of Rye/ Town of Harrison Border. This pipe was constructed around 1932 on a timber pile foundation. The County repaired two breaks in this line in February 2016 under WCDEF's Emergency Contract EF-1101. Subsequent video inspection by the County revealed that the pipe is in poor condition, with multiple dips, back pitched sections, excessive infiltration, and a section where the pipe appears to have broken at the bottom and partially settled through the existing pile bent. Consequently, the County does not believe that this pipe is a candidate for CIPP lining in its current condition, hence the need for a full reconstruction. The reconstructed pipe shall remain in its current alignment between the two existing manholes in order to minimize wetland impacts and easement issues. The condition of the existing pipe is creating a maintenance issue for WCDEF that needs resolution as quickly as possible. This work is necessary to provide improved sanitary facilities that are in compliance with all applicable regulations. Neglecting to reconstruct this sewer spur may result in a failure, including the occurrence of a sewage overflow emergency that could allow sewage into the surrounding properties and cause regulatory violations. This agreement will benefit the public as it avoids potential adverse environmental impact to the surrounding properties, thereby promoting public health policies and laws.

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 environmental facilities services for an estimated fee not-to-exceed \$100,000. The Professional Prequalification Board approved a list of sixteen (16) qualified firms. The list was reviewed by the Professional Selection Board on April 18, 2016, whereby three firms were selected to possibly perform said services.

By Resolution approved May 26, 2016, your Honorable Board authorized the County to negotiate with the firm of Savin Engineers, PC, 3 Campus Drive, Pleasantville, New York 10570, and a proposal was submitted for engineering services for the Reconstruction of the Beaver Brook Section T-1 Sanitary Sewer Spur, Mamaroneck Sanitary Sewer District, Harrison and Rye, New York, for a total fee of \$99,800.00, pursuant to an approved budget.

In addition, Savin Engineers, PC, has requested the utilization of the following subconsultant: WSP USA Corp. d/b/a WSP (Land Surveying, Wetlands Mapping, and Wetlands Remediation Services), 555 Pleasantville Road, Briarcliff Manor, New York 10510.

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

JTP/LR/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 Savin Engineers, PC, 3 Campus Drive, Pleasantville, New York 10570, for engineering services for the Reconstruction of the Beaver Brook Section T-1 Sanitary Sewer Spur, Mamaroneck Sanitary Sewer District, Harrison and Rye, 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 \$99,800.00 shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: WSP USA Corp. d/b/a WSP (Land Surveying, Wetlands Mapping, and Wetlands Remediation Services), 555 Pleasantville Road, Briarcliff Manor, New York 10510; 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, 2020; 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. 16-910

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
322	60	SM08502S	6120-03	BA #158-2012	\$ 99,800.00

Budget Funding Year(s): 2016 Start Date: 07/15/16 End Date: 12/31/20  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$99,800.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_