

78308

**TO:** Board of Acquisition and Contract  
**FROM:** Hugh J. Greechan, Jr., PE  
Commissioner of Public Works and Transportation  
**DATE:** August 4, 2020  
**SUBJECT:** First Amendment to Agreement No. 09-955  
in the matter of Engineering Services in connection with the  
Twin Feeder Aerial Cable Replacement, Ossining Wastewater Treatment Plant,  
Ossining, New York

**Consultant:** CSA Engineering Services, LLC  
**Amendment Amount:** \$64,060.00  
*Subconsultant Approval:* S-E Design, Inc.

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Authority of your Honorable Board is requested to amend existing Agreement Number 09-955 ("Agreement") between the County of Westchester ("County") and CSA Engineering Services, LLC ("Consultant"), 15 Trowbridge Drive, Bethel, Connecticut 06801. The original Agreement dated February 9, 2010, was for design and construction administration services associated with the Twin Feeder Aerial Cable Replacement, Ossining Wastewater Treatment Plant, Ossining, New York. The original Agreement completion date was December 31, 2013.

The Twin Feeder Aerial Cable Replacement project began in 2010 and was advanced to approximately 90% design completion in 2012, when the County put the project on hold. The County has been satisfied with the quality of services provided to date by the Consultant. The Consultant has developed several options for the proposed work that have been reviewed by the County as the basis for final design. The County has decided to proceed with the project at this time. The following additional tasks have been identified that are not included in the existing Agreement: final design revisions from underground utility routing to overhead utility replacement and compliance with updated Con Edison requirements. Also, the Consultant has requested an escalation on its original Agreement fee to account for cost of living adjustments over the past several years.

It is therefore requested that the existing Agreement be amended retroactively from December 31, 2013 to provide for engineering services in connection with the Twin Feeder Aerial Cable Replacement, Ossining Wastewater Treatment Plant, Ossining, New York. The Consultant shall provide additional design and construction administration services associated with this project that is outside of the scope of work included in the existing Agreement. Additional 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 additional design services during construction consisting of shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings. For additional construction administration services, the Consultant shall monitor the construction procedures on the site to ensure compliance with the contract documents, coordinate scheduled activities of the contractors, submit construction progress reports and review and process contractors' applications for payment.

The objective of this project is to replace the electric overhead supply primary cable which is the main electric power supply to the Ossining Wastewater Treatment Plant. The Ossining Wastewater Treatment Plant is supplied by a 2,000 KVA transformer which supplies the facility's secondary electrical load. The primary power to this transformer is supplied from two separate supplies through an automatic transfer switch. The electric supply to the primary selector switch is provided by Con Edison through an aerial cable. The last sections of these circuits are owned by Westchester County. The overhead portion of these cables crosses the Metro-North Railroad approximately 2,500 feet south of the Ossining train station. The cables have been in service for over forty years and water has been found in the insulation. Replacement of these cables is necessary to ensure the electrical reliability of the Ossining Wastewater Treatment Plant. The project will consist of the design and construction of the recommended alternative which is to replace the overall aerial cables with an overhead system with higher reliability. This Agreement will benefit the public as it will ensure that the facility's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of the residents of Westchester County.

The engineering discipline encompassed in this Amendment is not new, but rather, it is an integral part of the project that involves the same degree of skill, experience and complexity as the expertise generally described in the original project. Accordingly, this type of engineering discipline was originally contemplated in the Professional Prequalification Board and Professional Selection Board process.

The fee for the above services is for an amount of \$64,060.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$434,660.00. The completion date of the Agreement shall be extended to December 31, 2024.

In addition, CSA Engineering Services, LLC has requested the utilization of the following subconsultant: S-E Design, Inc., for Structural Engineering Services, 789 U.S. Highway 202 North, Suite 203, Bridgewater, New Jersey 08807.

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.

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

HJG/LR/as

# RESOLUTION

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

RESOLVED, that the existing Agreement No. 09-955 (“Agreement”) between the County of Westchester (“County”) and CSA Engineering Services, LLC (“Consultant”), 15 Trowbridge Drive, Bethel, Connecticut 06801, be amended retroactively from December 31, 2013 to provide for engineering services in connection with the Twin Feeder Aerial Cable Replacement, Ossining Wastewater Treatment Plant, Ossining, New York. The Consultant shall provide additional design and construction administration services associated with this project that is outside of the scope of work included in the existing Agreement. Additional 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 additional design services during construction consisting of shop drawing and submittal review, attendance at project meetings, periodic site visits and preparation of as-built drawings. For additional construction administration services, the Consultant shall monitor the construction procedures on the site to ensure compliance with the contract documents, coordinate scheduled activities of the contractors, submit construction progress reports and review and process contractors’ applications for payment; and be it further

RESOLVED, that for the additional services rendered in accordance with the Consultant’s proposal, CSA Engineering Services, LLC, shall be paid a fee of \$64,060.00 pursuant to an approved budget, increasing the total maximum fee to \$434,660.00; and be it further

RESOLVED, that the use of the following subconsultant also be approved: S-E Design, Inc., for Structural Engineering Services, 789 U.S. Highway 202 North, Suite 203, Bridgewater, New Jersey 08807; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2024; and be it further

RESOLVED, that all other provisions of the existing Agreement shall remain in full force and effect; 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.

Original Agreement	\$	370,600.00	(Design and Construction Administration Services)
This Amendment		<u>64,060.00</u>	(Additional Design and Construction Administration Services)
TOTAL	\$	434,660.00	

**Agreement No. 09-955**

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	322	60	SOS05-00-E	6120-03	BA #174-2013	\$34,060.00
	322	60	SOS05-00-I	6120-05	BA #174-2013	\$30,000.00

Budget Funding Year(s): 2020 Start Date: 02/09/10 End Date: 12/31/24  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$64,060.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_