

**48205**

**TO:** Board of Acquisition and Contract  
**FROM:** Jay T. Pisco, PE  
Commissioner of Public Works and Transportation  
**DATE:** August 18, 2015  
**SUBJECT:** Authority to Enter into Agreement #15-943  
In the matter of Engineering Services in connection with the  
Fire Training Center Site Improvements, Valhalla Campus at Grasslands, Valhalla, New York

**Consultant:** ARCADIS of New York, Inc.  
**Agreement Amount:** \$345,150.00

*Subconsultant Approval:* Lyn Staar Engineering, PC (**WBE**)  
Fire Safety and Inspection Services, LLC  
Future Tech Consultants of New York, Inc.

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Authority of your Honorable Board is requested to enter into an Agreement in connection with the Fire Training Center Site Improvements, Valhalla Campus at Grasslands, Valhalla, 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 make site improvements to the Fire Training Center, Valhalla Campus at Grasslands, Valhalla, New York. Though presently operational, the Fire Training Center facilities require significant repair as a result of normal wear and tear that results from the substantial number of classes and participants who utilize the facility on a nearly daily basis for training. This has resulted in facility deterioration and fatigue in the training yard area. The training structures and surrounding surface areas face continual exposure to fire, smoke, water and extreme temperature changes. This project addresses needed repairs and upgrades to maintain the highest level of training and safety standards. This work provides for renovations and alterations to the Burn Simulator Building, Training Tower, Smoke House, Control Tower and ancillary structures in the fire training yard. The work includes, but is not limited to, structural repairs, masonry, concrete core sampling/testing in accordance with NFPA standards, and drainage repairs/restoration in addition to improvements to the surrounding paved surfaces, curbs and other associated work. Additionally, interior and exterior surfaces will be rehabilitated / painted to offset the effects of the harsh environment and protect the integrity of the structures. This agreement will benefit the public as it will alleviate safety hazards associated with deteriorating infrastructure ensuring its safe use by the public, thus addressing the County Executive's priority area of Best Management Practices, Infrastructure, and Life Safety.

Since the estimated fee for professional services was greater than \$100,000, in accordance with the Rules of the Professional Prequalification and Selection Boards, on October 8, 2014, a meeting of the Professional Prequalification Board was held to discuss the scope of work and request a list of qualified firms to provide the necessary services.

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The list was reviewed by the Professional Selection Board on November 12, 2014 whereby ARCADIS of New York, Inc.; Ammann & Whitney Consulting Engineers, PC; Henningson, Durham & Richardson Architecture and Engineering, PC; Hillman and Miley Consulting Engineers, PLLC; McLaren Engineering Group; and Tectonic Engineering and Surveying Consultants, PC were selected to possibly perform said services. On April 21, 2015, a request for proposal (RFP) was sent to the qualified firms and subsequently two (2) proposals were received on May 21, 2015.

After reviewing the proposals, and based on the evaluation criteria set forth in the request for proposal, including technical merit and net cost, the Professional Selection Board at its meeting held July 30, 2015, selected ARCADIS of New York, Inc., 44 South Broadway, 15th Floor, White Plains, New York 10601 as the number one firm to perform engineering services in connection with the Fire Training Center Site Improvements, Valhalla Campus at Grasslands, Valhalla, New York, for a total fee of \$345,150.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, ARCADIS of New York, Inc. has requested the utilization of the following subconsultants: Lyn Staar Engineering, PC (Mechanical, Electrical and Plumbing Engineering Services), 448-450 Manville Road, Pleasantville, New York 10570; Fire Safety and Inspection Services, LLC (NFPA Inspection and Evaluation Services), 411 Stoney Creek Court, Fredonia, Wisconsin 53021; and Future Tech Consultants of New York, Inc. (Concrete Coring and Laboratory Analysis Services), 52 East 2nd Street, Mineola, New York 11501.

The proposed has been reviewed and is judged to be responsive to the task at hand.

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.

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

I recommend adoption of the attached proposed Resolution.

JTP/RSD/AS

# RESOLUTION

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

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of ARCADIS of New York, Inc., 44 South Broadway, 15th Floor, White Plains, New York 10601, for engineering services associated with the Fire Training Center Site Improvements, Valhalla Campus at Grasslands, Valhalla, 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 \$345,150.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Lyn Staar Engineering, PC (Mechanical, Electrical and Plumbing Engineering Services), 448-450 Manville Road, Pleasantville, New York 10570; Fire Safety and Inspection Services, LLC (NFPA Inspection and Evaluation Services), 411 Stoney Creek Court, Fredonia, Wisconsin 53021; and Future Tech Consultants of New York, Inc. (Concrete Coring and Laboratory Analysis Services), 52 East 2nd Street, Mineola, New York 11501; 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, 2018; 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. 15-943

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	311	11	BES1301E	6120-03	BA #89-2014	\$345,150.00

Budget Funding Year(s): 2015 Start Date: 09/30/2015 End Date: 12/31/2018  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$345,150.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_