

74848

TO: Board of Acquisition and Contract
FROM: Hugh J. Greechan, Jr., PE
Commissioner of Public Works and Transportation
DATE: February 25, 2020
SUBJECT: Authority to Enter into Agreement #20-909
In the matter of Engineering Services in connection with the
Replacement of Greenwich Road Bridge over Mianus River (BIN 3347940),
Town of Bedford, New York

Consultant: Hudson Valley Engineering Associates, P.C., d/b/a
HVEA Engineers (WBE/DBE)

Agreement Amount: \$580,990.00

Subconsultant Approval: TEC Land Surveying, P.C.

Authority of your Honorable Board is requested for the County of Westchester (the "County") acting by and through its Department of Public Works and Transportation (the "Department") to enter into Agreement No. 20-909 (the "Agreement") with Hudson Valley Engineering Associates, P.C., d/b/a HVEA Engineers (the "Consultant"), a WBE and DBE firm, 560 Route 52, Suite 201, Beacon, New York 12508, in connection with Engineering Services for the Replacement of Greenwich Road Bridge over Mianus River (BIN 3347940), Town of Bedford, New York. The Consultant shall provide design and construction administration 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. For 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 will be to replace Greenwich Road Bridge over Mianus River (BIN 3347940). This work is necessary due to deterioration of the bridge. The existing bridge was built in 1919 and has an annual average daily traffic count ("AADT") of 4,071. It is a single span concrete slab bridge approximately 27 feet long by 24 feet wide. This bridge has a condition rating of 4.214 as inspected in 2019 and requires reconstruction to insure that it can remain a key component of the County's infrastructure, vital to the Town of Bedford. This rating system, using a scale of 1 ("hazardous") through 7 ("new"), is a weighted average of the condition of an evaluated bridge. A rating below 5 indicates that a bridge requires work and delay of this work shall result in the continued deterioration of the bridge. The reconstruction work shall include, but not be limited to, the following items: replacement of the existing structure including construction of pile foundations, abutments, structural deck, approaches, railings, and associated work. This Agreement will benefit the public as it will enhance the functionality of the bridge structure and roadway ensuring its safe use by the traveling public.

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 July 19, 2018, 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. The list was reviewed by the Professional Selection Board on September 4, 2019 whereby Hudson Valley Engineering Associates, P.C., d/b/a HVEA Engineers, Lockwood, Kessler & Bartlett, Inc.; and WSP USA Inc. were selected to possibly perform said services. On September 24, 2019, a request for proposal (“RFP”) was sent to the qualified firms and subsequently three (3) proposals were received on October 30, 2019.

After reviewing the proposals, and based on the evaluation criteria set forth in the RFP, including technical merit and net cost, the Professional Selection Board at its meeting held February 6, 2020, selected Hudson Valley Engineering Associates, P.C., d/b/a HVEA Engineers as the number one firm to perform engineering services in connection with the Replacement of Greenwich Road Bridge over Mianus River (BIN 3347940), Town of Bedford, New York, for a total fee of \$580,990.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, the Consultant has requested the utilization of the following subconsultant: TEC Land Surveying, P.C., for Land Surveying Services, 831 Route 52, Suite 2C, Fishkill, New York 12524.

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

The Department 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 Planning, and they are in concurrence.

I recommend adoption of the attached proposed Resolution.

HJG/RSD/KMR/as

RESOLUTION

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

RESOLVED, that approval is hereby granted for the County of Westchester (the "County") acting by and through its Department of Public Works and Transportation (the "Department") to enter into Agreement No. 20-909 (the "Agreement") with Hudson Valley Engineering Associates, P.C., d/b/a HVEA Engineers (the "Consultant"), a WBE and DBE firm, 560 Route 52, Suite 201, Beacon, New York 12508, in connection with Engineering Services for the Replacement of Greenwich Road Bridge over Mianus River (BIN 3347940), Town of Bedford, New York. The Consultant shall provide design and construction administration 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. For 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 services rendered in accordance with the Consultant's proposal, a total compensation of \$580,990.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: TEC Land Surveying, P.C., for Land Surveying Services, 831 Route 52, Suite 2C, Fishkill, New York 12524; 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. 20-909

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	366	46	RB03T-01-E	6120-03	BA #166-2019	\$302,350.00
	366	46	RB03T-01-I	6120-05	BA #166-2019	\$278,640.00

Budget Funding Year(s): 2020 Start Date: 03/31/2020 End Date: 12/31/2025
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$580,990.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____