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TO: Board of Acquisition and Contract

FROM: Hugh J. Greechan, Jr., PE
Commissioner of Public Works and Transportation

DATE: September 24, 2019

SUBJECT: Authority to Enter into Agreement No.19-914
In the matter of Engineering Services in connection with the
Rehabilitation of Main Street Bridge over Bronx River Parkway and Bronx River
(BIN 3348690), PIN 8762.18, City of White Plains, New York

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

Agreement Amount: \$1,000,782.00

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. 19-914 (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 Rehabilitation of Main Street Bridge over Bronx River Parkway and Bronx River (BIN 3348690) PIN 8762.18, City of White Plains, 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 County also reserves the right to amend this Agreement with the Consultant at a future date to provide for construction phase services including but not limited to construction administration services and project close-out services.

The objective of this project will be to rehabilitate the Main Street Bridge over Bronx River Parkway and Bronx River. This work is necessary due to deterioration of the bridge. The existing bridge was built in 1922 and has an annual average daily traffic count ("AADT") of 44,000. The bridge consists of two spans – 63 feet long by 100 feet wide and 60 feet long by 72 feet wide. This bridge has a condition rating of 5.205 and requires rehabilitation to insure that it can remain a key component of the County's infrastructure, vital to the City of White Plains. 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 work shall include, but not be limited to, the following items: removal and replacement of the existing wearing surface and waterproofing, rehabilitation of masonry joints, support of utilities, approaches, railings and associated work. All work will be designed to American Association of State Highway and Transportation Officials ("AASHTO") specifications and the New York State Department of Transportation ("NYSDOT") Standard Specifications (Construction and Materials).

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.

This project is eligible for federal funding reimbursement through the "Bridge NY" program administered by NYSDOT. In each NYSDOT Region (excluding New York City and Long Island), the New York State County Highway Superintendents' Association has identified and selected a number of engineering consultants to provide professional services exclusively for locally administered federal aid transportation projects. This process resulted in the creation of the Local Design Services Agreements ("LDSA"). The LDSA was advertised using federal guidelines and Disadvantaged Business Enterprise ("DBE") participation for federal and state-aided projects; therefore it may be used to select consultants for projects in the Bridge NY program.

NYSDOT Region 8 maintains state-owned roads and bridges in seven (7) Hudson Valley counties including Westchester County. NYSDOT Region 8 has approved a LDSA list of fifteen (15) qualified firms to provide engineering services under the Bridge NY program. In accordance with the Federal Highway Administration ("FHWA") and the NYSDOT Bridge NY program requirements, on April 1, 2019 a Request for Qualifications ("RFQ") was issued to all fifteen (15) firms on the NYSDOT Region 8 LDSA list of consultant firms. A total of six (6) responses to the RFQ were received on April 24, 2019. After careful review of the submitted qualifications, the Professional Selection Board on June 11, 2019 ranked the firm of Hudson Valley Engineering Associates, P.C. d/b/a HVEA Engineers as the number one firm suitable to perform the requested engineering services. This selection process followed the requirements as outlined in the Rules of the Professional Prequalification and Selection Boards and the Laws of Westchester County.

By Resolution approved July 11, 2019, your Honorable Board authorized the County to negotiate with the Consultant and a proposal was submitted for engineering services for the Rehabilitation of Main Street Bridge over Bronx River Parkway and Bronx River (BIN 3348690), PIN 8762.18, City of White Plains, New York, for a total fee of \$1,000,782.00, 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 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/KMR/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 (the "County") acting by and through its Department of Public Works and Transportation (the "Department") to enter into Agreement No. 19-914 (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 Rehabilitation of Main Street Bridge over Bronx River Parkway and Bronx River (BIN 3348690), PIN 8762.18, City of White Plains, 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 County also reserves the right to amend this Agreement with the Consultant at a future date to provide for construction phase services including but not limited to construction administration services and project close-out services; and be it further

RESOLVED, that for services rendered in accordance with the Consultant's proposal, a total compensation of \$1,000,782.00 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, 2023; 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. 19-914

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	366	46	RB03Y-01-E	6120-03	BA #168-2019	\$ 1,000,782.00

Budget Funding Year(s): 2019 Start Date: 11/01/19 End Date: 12/31/23
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./ Social Security No.: _____
 State Aid: _____
\$1,000,782.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____