

84587

TO: Board of Acquisition and Contract

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

DATE: April 27, 2021

SUBJECT: Authority to Enter into Agreement #21-912 in the matter of Engineering Services in connection with the Reconstruction of Boston Post Road Bridge over Playland Parkway (BIN 2000050), City of Rye, New York

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

Agreement Amount: \$472,400.00

Subconsultant Approval: MJ Engineering & 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. 21-912 (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 Reconstruction of Boston Post Road Bridge over Playland Parkway (BIN 2000050), City of 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 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 reconstruct Boston Post Road Bridge over Playland Parkway (BIN 2000050). This work is necessary due to deterioration of the bridge. The existing bridge was built in 1941 and has an annual average daily traffic count ("AADT") of 10,300. It is a single span concrete arch bridge approximately 60 feet long by 70 feet wide. This bridge has a condition rating of 4.50 and requires reconstruction to ensure that it can remain a key component of the County's infrastructure, vital to the City of Rye. 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 with a precast concrete rigid frame to allow for improved vertical clearance (Option 1). During the 30% Schematic Design Phase, the Consultant shall evaluate the feasibility of rehabilitating the existing bridge (Option 2). The Consultant shall prepare 30% Schematic Design documents with construction recommendations and cost estimates for both Option 1 and Option 2. The County shall review the Schematic Design documents and the construction recommendations acceptable to the County (Option 1 or Option 2) shall be incorporated into the final design documents. 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 \$250,000, in accordance with the Rules of the Professional Prequalification and Selection Boards, on September 24, 2020, 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 October 9, 2020 whereby Hudson Valley Engineering Associates, P.C., d/b/a HVEA Engineers; MP Engineers and Architects, P.C.; and STV Incorporated were selected to possibly perform said services. On November 19, 2020, a request for proposal ("RFP") was sent to the qualified firms and subsequently three (3) proposals were received on January 7, 2021.

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 April 16, 2021, 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 Reconstruction of Boston Post Road Bridge over Playland Parkway (BIN 2000050), City of Rye, New York, for a total fee of \$472,400.00, 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: MJ Engineering & 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. 21-912 (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 Reconstruction of Boston Post Road Bridge over Playland Parkway (BIN 2000050), City of 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 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 \$472,400.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: MJ Engineering & 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, 2026; 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. 21-912

| Account to be Charged/Credited | Fund | Dept | Major Program, Program & Phase or Unit | Object/ Sub Object | Bond Act No. | Dollars |
|--------------------------------|------|------|--|--------------------|--------------|--------------|
| | 366 | 46 | RB04B-01-E | 6120-03 | BA #6-2020 | \$472,400.00 |
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Budget Funding Year(s): 2021 Start Date: 06/01/2021 End Date: 12/31/2026
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$472,400.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____