

71862

**TO:** Board of Acquisition and Contract

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

**DATE:** October 1, 2019

**SUBJECT:** Authority to Enter into Agreement #19-927  
In the matter of Engineering Services in connection with the  
Replacement of Three Culverts and Bronx River Parkway Bridge (N/B: North of County  
Center) over Bronx River (BIN 3348670), Town of Greenburgh and City of White Plains,  
New York

**Consultant:** Hardesty & Hanover, LLC

**Agreement Amount:** \$1,335,919.00

*Subconsultant Approval:* Matrix New World Engineering, Land Surveying, and Landscape  
Architecture, P.C. (WBE)

*Being Here Landscape Architecture & Environmental Design,  
PLLC (WBE)*

*Historical Perspectives, Inc. (WBE)*

---

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. 19-927 (the "Agreement") with Hardesty & Hanover, LLC (the "Consultant"), 1501 Broadway, New York, New York 10036, in connection with Engineering Services for the Replacement of Three Culverts and Bronx River Parkway Bridge (N/B: North of County Center) over Bronx River (BIN 3348670), Town of Greenburgh and City of White Plains, 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 three culverts and the Bronx River Parkway Bridge (N/B: North of County Center) over Bronx River (BIN 3348670). This work is necessary due to deterioration of the culverts and the bridge. The existing bridge was built in 1923 and has an annual average daily traffic count ("AADT") of 15,200. It is a single span concrete arch bridge approximately 30 feet long by 25 feet wide. This bridge has a condition rating of 4.444 and requires reconstruction to insure that it can remain a key component of the County's infrastructure, vital to the Town of Greenburgh and City of White Plains. This rating system, using a

Board of Acquisition and Contract

Agreement No. 19-927

Replacement of Three Culverts and Bronx River Parkway Bridge (N/B: North of County Center) over Bronx River (BIN 3348670)

Town of Greenburgh and City of White Plains

Hardesty & Hanover, LLC

Page 2

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 culvert reconstruction work shall include, but not be limited to, the following items: replacement of the existing structure including construction of pile foundations, approaches, railings and associated work. The bridge 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 culverts, 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 August 30, 2018 whereby Louis Berger U.S., Inc.; Hardesty & Hanover, LLC; Hudson Valley Engineering Associates, P.C., d/b/a HVEA Engineers; KS Engineers, P.C.; and Lockwood, Kessler & Bartlett, Inc. were selected to possibly perform said services. On May 3, 2019, a request for proposal (“RFP”) was sent to the qualified firms and subsequently three (3) proposals were received on June 18, 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 September 4, 2019, selected Hardesty & Hanover, LLC as the number one firm to perform engineering services in connection with the Replacement of Three Culverts and Bronx River Parkway Bridge (N/B: North of County Center) over Bronx River (BIN 3348670), Town of Greenburgh and City of White Plains, New York, for a total fee of \$1,335,919.00, 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 subconsultants: Matrix New World Engineering, Land Surveying, and Landscape Architecture, P.C., a WBE firm, for Land Surveying, Right-of-Way, Wetlands, Environmental, and Permitting Services, 333 West 39<sup>th</sup> Street, Suite 202, New York, New York 10018; Being Here Landscape Architecture & Environmental Design, PLLC, a WBE firm, for Arborist Services, Cathedral Station, P.O. Box 80, New York, New York 10025; and Historical Perspectives, Inc., a WBE firm, for Historic Review and Archeological Services, P.O. Box 529, Westport, Connecticut 06881.

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. 19-927 (the "Agreement") with Hardesty & Hanover, LLC (the "Consultant"), 1501 Broadway, New York, New York 10036, in connection with Engineering Services for the Replacement of Three Culverts and Bronx River Parkway Bridge (N/B: North of County Center) over Bronx River (BIN 3348670), Town of Greenburgh and City of White Plains, 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 \$1,335,919.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Matrix New World Engineering, Land Surveying, and Landscape Architecture, P.C., a WBE firm, for Land Surveying, Right-of-Way, Wetlands, Environmental, and Permitting Services, 333 West 39<sup>th</sup> Street, Suite 202, New York, New York 10018; Being Here Landscape Architecture & Environmental Design, PLLC, a WBE firm, for Arborist Services, Cathedral Station, P.O. Box 80, New York, New York 10025; and Historical Perspectives, Inc., a WBE firm, for Historic Review and Archeological Services, P.O. Box 529, Westport, Connecticut 06881; 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, 2024; 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. 19-927

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	371	46	P0028-01-E	6120-03	BA #162-2019	\$779,532.00
	371	46	P0028-01-I	6120-05	BA #162-2019	\$556,387.00

Budget Funding Year(s): 2019 Start Date: 11/01/2019 End Date: 12/31/2024  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$1,335,919.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_