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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 #19-928
In the matter of Engineering Services in connection with the
Rehabilitation of Two Bronx River Parkway Bridges (North and South of Leewood Drive) over
Bronx River (BIN 3348829 & BIN 3348839),
Town of Eastchester and City of Yonkers, New York

Consultant: KS Engineers, P.C. (MBE)

Agreement Amount: \$357,190.00

Subconsultant Approval: Joseph C. Lu Engineers, P.C. (MBE)

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. 19-928 (the "Agreement") with KS Engineers, P.C. (the "Consultant"), a MBE firm, 1279 Route 300, Suite 3, Newburgh, New York 12550, in connection with Engineering Services for the Rehabilitation of Two Bronx River Parkway Bridges (North and South of Leewood Drive) over Bronx River (BIN 3348829 & BIN 3348839), Town of Eastchester and City of Yonkers, 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 rehabilitate two Bronx River Parkway Bridges (North and South of Leewood Drive) over Bronx River (BIN 3348829 & BIN 3348839). This work is necessary due to deterioration of the bridges. The existing bridge North of Leewood Drive, built in 1921, is a single span prestressed concrete multi-girder bridge approximately 47 feet long by 60 feet wide with an annual average daily traffic count ("AADT") of 37,000 and a condition rating of 6.288. The existing bridge South of Leewood Drive, built in 1925, is a single span prestressed concrete multi-girder bridge approximately 39 feet long by 45 feet wide with an AADT of 37,000 and a condition rating of 6.288. These bridges require reconstruction to insure that they can remain key components of the County's infrastructure, vital to the Town of Eastchester and City of Yonkers. This bridge 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 bridge reconstruction work shall include, but not be

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

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limited to, the following items: removal and replacement of the existing asphalt wearing surface and waterproofing, replacement of the existing joint system with a new elastomeric concrete joint system, tendon rehabilitation, channel width to be increased where possible, installation of bank protection where erosion is evident and associated work. This Agreement will benefit the public as it will enhance the functionality of the bridge structures and roadway ensuring their 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 Barton & Loguidice, D.P.C.; Gandhi Engineering, Inc.; 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 KS Engineers, P.C. as the number one firm to perform engineering services in connection with the Rehabilitation of Two Bronx River Parkway Bridges (North and South of Leewood Drive) over Bronx River (BIN 3348829 & BIN 3348839), Town of Eastchester and City of Yonkers, New York, for a total fee of \$357,190.00, 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: Joseph C. Lu Engineers, P.C., a MBE firm, for Environmental and Permitting Services, 30 Wall Street, 8th Floor, New York, New York 10005.

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. 19-928 (the "Agreement") with KS Engineers, P.C. (the "Consultant"), a MBE firm, 1279 Route 300, Suite 3, Newburgh, New York 12550, in connection with Engineering Services for the Rehabilitation of Two Bronx River Parkway Bridges (North and South of Leewood Drive) over Bronx River (BIN 3348829 & BIN 3348839), Town of Eastchester and City of Yonkers, 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 \$357,190.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: Joseph C. Lu Engineers, P.C., a MBE firm, for Environmental and Permitting Services, 30 Wall Street, 8th Floor, New York, New York 10005; 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. 19-928

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	371	46	P0029-01-E	6120-03	BA #164-2019	\$183,340.00
	371	46	P0029-01-I	6120-05	BA #164-2019	\$173,850.00

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.: _____
\$357,190.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____