

74850

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 #20-911
In the matter of Engineering Services in connection with the
Rehabilitation of Midland Avenue, CR #72, City of Rye, New York

Consultant: AI Engineers, Inc. (MBE)
Agreement Amount: \$379,085.00

Subconsultant Approval: Ward Carpenter Engineers, Inc.
Carlin-Simpson & Associates

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. 20-911 (the "Agreement") with AI Engineers, Inc. (the "Consultant"), an MBE firm, 570 Taxter Road, Suite 300, Elmsford, New York 10523, in connection with Engineering Services for the Rehabilitation of Midland Avenue, CR #72, City of Rye, 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 Midland Avenue, CR #72, from Playland Parkway to the Port Chester/Rye border line, a total distance of approximately 1.76 miles. This work is necessary due to extensive deterioration of the roadway. Midland Avenue has an annual average daily traffic count ("AADT") of 7,545 and a pavement condition index ("PCI") of 70 as inspected in 2016. The PCI rating is a pavement condition rating with a range of 0 to 100, with 0 signifying that the roadway requires full reconstruction and 100 signifying that the roadway is new. The rehabilitation work shall include, but not be limited to, the following items: milling existing pavement; filling and sealing joints and cracks; full depth pavement repairs; adjusting castings and utility structures; repairing catch basins; replacing all existing inlet frames and grates; curb repair/replacement; replacing driveway aprons as required; replacing/upgrading traffic signal detection; installing ADA sidewalk ramps; addressing drainage issues and roadside safety; replacing MUTCD signage as required; installing off-road passenger waiting pads or bus shelter pads at bus stop areas; resurfacing roadway with asphalt; and installing new pavement markings. This Agreement will benefit the public as it will enhance the functionality of the roadway ensuring its safe use by the public.

Board of Acquisition and Contract
Agreement No. 20-911
Rehabilitation of Midland Avenue, CR #72
AI Engineers, Inc.
Page 2

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 AI Engineers, Inc.; KS Engineers, P.C.; and Michael Baker Engineering, Inc. were selected to possibly perform said services. On August 13, 2019, a request for proposal ("RFP") was sent to the qualified firms and subsequently three (3) proposals were received on September 17, 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 AI Engineers, Inc. as the number one firm to perform engineering services in connection with the Rehabilitation of Midland Avenue, CR #72, City of Rye, New York, for a total fee of \$379,085.00, 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: Ward Carpenter Engineers, Inc., for Land Surveying Services, 76 Mamaroneck Avenue, White Plains, New York 10601; and Carlin-Simpson & Associates, for Geotechnical and Environmental Engineering Services, 61 Main Street, Sayreville, New Jersey 08872.

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/AJV/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. 20-911 (the "Agreement") with AI Engineers, Inc. (the "Consultant"), an MBE firm, 370 Taxter Road, Suite 300, Elmsford, New York 10523, in connection with Engineering Services for the Rehabilitation of Midland Avenue, CR #72, City of Rye, 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 \$379,085.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Ward Carpenter Engineers, Inc., for Land Surveying Services, 76 Mamaroneck Avenue, White Plains, New York 10601; and Carlin-Simpson & Associates, for Geotechnical and Environmental Engineering Services, 61 Main Street, Sayreville, New Jersey 08872; 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. 20-911

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
366	46	RB136-01-E	6120-03	BA #135-2019	\$205,725.00
366	46	RB136-01-I	6120-05	BA #135-2019	\$173,360.00

Budget Funding Year(s): 2020 Start Date: 03/31/2020 End Date: 12/31/2023
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$379,085.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____