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TO: Board of Acquisition and Contract

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

DATE: March 2, 2021

SUBJECT: Authority to Enter into Agreement #20-930 in the matter of Engineering Services in connection with the Rehabilitation of Lincoln Avenue, CR #84, Village of Pelham, New York

Consultant: AI Engineers, Inc. (MBE)
Agreement Amount: \$176,182.00

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. 20-930 (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 Lincoln Avenue, CR #84, Village of Pelham, 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 Lincoln Avenue, CR #84, from the New Rochelle/Pelham border line to First Avenue, a total distance of approximately 0.46 miles. This work is necessary due to extensive deterioration of the roadway. Lincoln Avenue has an annual average daily traffic count ("AADT") of 30,000 and a pavement condition index ("PCI") of 66 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; guiderail replacement; 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.

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On September 24, 2020, the Professional Prequalification Board was canvassed for the purpose of generating an eligible list of qualified firms to provide engineering services for this project. The Professional Prequalification Board approved a list of eight (8) qualified firms. As the fee is estimated to be less than \$250,000, the list was reviewed by the Professional Selection Board on October 29, 2020, whereby three firms were selected to possibly perform said services.

By Resolution approved November 12, 2020, your Honorable Board authorized the County to negotiate with the Consultant and a proposal was submitted for engineering services for the Rehabilitation of Lincoln Avenue, CR #84, Village of Pelham, New York, for a total fee of \$176,182.00, pursuant to an approved budget.

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 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/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. 20-930 (the "Agreement") with the firm of 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 Lincoln Avenue, CR #84, Village of Pelham, 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 \$176,182.00 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, 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. 20-930

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	366	46	RB175-01-E	6120-03	BA #27-2020	\$ 176,182.00

Budget Funding Year(s): 2021 Start Date: 04/15/21 End Date: 12/31/24
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$176,182.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____