

57356

TO: Board of Acquisition and Contract

FROM: Vincent F. Kopicki, PE
Commissioner of Public Works and Transportation

DATE: May 31, 2017

SUBJECT: Authority to Enter into Agreement #17-917
In the matter of Engineering Services in connection with the
Replacement of Old Albany Post Road Bridge over Canopus (Sprout) Brook (BIN 1050460),
PIN 8761.67, Town of Cortlandt, New York

Consultant: Barton & Loguidice, DPC

Agreement Amount: \$350,000.00

Subconsultant Approval: Popli, Architecture + Engineering & LS, DPC, d/b/a
Popli Design Group **(DBE/MBE)**

Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for the Replacement of Old Albany Post Road Bridge over Canopus (Sprout) Brook (BIN 1050460), PIN 8761.67, Town of Cortlandt, 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 of Westchester 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 replace Old Albany Post Road Bridge over Canopus (Sprout) Brook. This work is necessary due to deterioration of the bridge. The existing bridge was built in 1929 and has an annual average daily traffic count ("AADT") of 9,204. It is a single span concrete jack arch bridge approximately 52 feet long by 40 feet wide. This bridge has a condition rating of 4.592 and requires replacement to insure that it can remain a key component of the County's infrastructure, vital to the Town of Cortlandt. 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 work shall include, but not be limited to, the following items: removal and replacement of the existing bridge with a new precast concrete bridge supported on piles including waterproofing membrane, asphalt wearing surface, sidewalk, bridge rail, and/or concrete parapets. All work will be designed to American Association of State Highway and Transportation Officials ("AASHTO") specifications and the New York State Department of Transportation ("NYSDOT") Standard Specifications (Construction and Materials). 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, thus addressing the County Executive's priority area of Best Management Practices, Infrastructure, and Life Safety.

Board of Acquisition and Contract

Agreement No. 17-917

Replacement of Old Albany Post Road Bridge over Canopus (Sprout) Brook (BIN 1050460), PIN 8761.67

Barton & Loguidice, DPC

Page 2

This project is eligible for federal funding reimbursement through the "BRIDGE NY" program administered by NYSDOT. In each NYSDOT Region (excluding New York City and Long Island), the New York State County Highway Superintendents' Association has identified and selected a number of engineering consultants to provide professional services exclusively for locally administered federal aid transportation projects. This process resulted in the creation of the Local Design Services Agreements ("LDSA"). The LDSA was advertised using federal guidelines and Disadvantaged Business Enterprise ("DBE") participation for federal and state-aided projects; therefore it may be used to select consultants for projects in the BRIDGE NY program.

NYSDOT Region 8 maintains state-owned roads and bridges in seven (7) Hudson Valley counties including Westchester County. NYSDOT Region 8 has approved a LDSA list of fifteen (15) qualified firms to provide engineering services under the BRIDGE NY program. In accordance with the Federal Highway Administration ("FHWA") and the NYSDOT BRIDGE NY program requirements, on March 9, 2017 a Request for Qualifications ("RFQ") was issued to all fifteen (15) firms on the NYSDOT Region 8 LDSA list of consultant firms. A total of seven (7) responses to the RFQ were received on March 31, 2017. After careful review of the submitted qualifications, the Professional Selection Board on April 21, 2017 ranked the firm of Barton & Loguidice, DPC, as the number one firm suitable to perform the requested engineering services.

By Resolution approved May 11, 2017, your Honorable Board authorized the County to negotiate with the firm of Barton & Loguidice, DPC, 443 Electronics Parkway, Liverpool, New York 13088, and a proposal was submitted for engineering services for the Replacement of Old Albany Post Road Bridge over Canopus (Sprout) Brook (BIN 1050460), PIN 8761.67, Town of Cortlandt, New York, for a total fee of \$350,000.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Barton & Loguidice, DPC has requested the utilization of the following subconsultant: Popli, Architecture + Engineering & LS, DPC, d/b/a Popli Design Group (Land Surveying Services), 555 Penbrooke Drive, Penfield, New York 14526.

The Department of Public Works and Transportation 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.

VFK/AS

RESOLUTION

Upon communication from the Commissioner of Public Works and Transportation, be it:

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of Barton & Loguidice, DPC, 443 Electronics Parkway, Liverpool, New York 13088, for engineering services for the Replacement of Old Albany Post Road Bridge over Canopus (Sprout) Brook (BIN 1050460), PIN 8761.67, Town of Cortlandt, 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 of Westchester 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 \$350,000.00 shall be provided pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: Popli, Architecture + Engineering & LS, DPC, d/b/a Popli Design Group (Land Surveying Services), 555 Penbrooke Drive, Penfield, New York 14526; 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, 2021; 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. 17-917

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	366	46	RB03P01E	6120-03	BA #76-2017	\$ 350,000.00

Budget Funding Year(s): 2017 Start Date: 06/15/17 End Date: 12/31/21
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$350,000.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____