

56169

TO: Board of Acquisition and Contract
FROM: Vincent F. Kopicki, PE
Commissioner of Public Works and Transportation
DATE: March 28, 2017
SUBJECT: Authority to Enter into Agreement #17-905
In the matter of Engineering Services in connection with the
Rehabilitation of Pondfield Road West Bridge over Bronx River, BIN 3348600,
Bronxville and Yonkers, New York

Consultant: LiRo Engineers, Inc.
Agreement Amount: \$259,984.89

Subconsultant Approval: MP Engineers, PC (MBE)
Amy S. Greene Environmental Consultants, Inc. (WBE)
Historical Perspectives, Inc. (WBE)
Hurley and Welsh Land Surveying & Engineering, PLLC (WBE)
Distinct Engineering Solutions, Inc. (MBE)

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Rehabilitation of Pondfield Road West Bridge over Bronx River, BIN 3348600, Bronxville and Yonkers, 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 objective of this project will be to rehabilitate Pondfield Road West Bridge over Bronx River, BIN 3348600. This work is necessary due to deterioration of the bridge. The existing bridge was built in 1911 and has an annual average daily traffic count ("AADT") of 6,304. It is a single span concrete arch bridge approximately 53 feet long by 55 feet wide. This bridge has a condition rating of 4.361 and requires rehabilitation to insure that it can remain a key component of the County's infrastructure, vital to the Village of Bronxville and City of Yonkers. 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 rehabilitation work shall include, but not be limited to, the following items: replacement of bridge superstructure with a pre-cast rigid frame/arch structure including stone facing to provide similar appearance to the existing; replacement of stone parapets with stone-faced pre-cast concrete parapets/spandrel walls; new asphalt approach pavement; and rip-rap placement for stream bank protection. 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. 17-905
Rehabilitation of Pondfield Road West Bridge over Bronx River, BIN 3348600
Bronxville and Yonkers, New York
LiRo 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 April 22, 2016, 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 May 2, 2016 whereby Ammann & Whitney Consulting Engineers, PC; Howard L. Boswell, Engineer & Land Surveyor, PC d/b/a Boswell Engineering; Gannett Fleming Engineers, PC; HAKS Engineers, Architects and Land Surveyors, PC; Henningson, Durham & Richardson Architecture and Engineering, PC; LiRo Engineers, Inc.; Lockwood, Kessler & Bartlett, Inc.; M. G. McLaren, PC d/b/a McLaren Engineering Group; Stantec Consulting Services, Inc.; and WSP | Parsons Brinckerhoff were selected to possibly perform said services. On October 19, 2016, a request for proposal (RFP) was sent to the qualified firms and subsequently five (5) proposals were received on November 29, 2016.

After reviewing the proposals, and based on the evaluation criteria set forth in the request for proposal, including technical merit and net cost, the Professional Selection Board at its meeting held February 17, 2017, selected LiRo Engineers, Inc., 3 Aerial Way, Syosset, New York 11791, as the number one firm to perform engineering services in connection with the Rehabilitation of Pondfield Road West Bridge over Bronx River, BIN 3348600, Bronxville and Yonkers, New York, for a total fee of \$259,984.89, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, LiRo Engineers, Inc. has requested the utilization of the following subconsultants: MP Engineers, PC (Bridge Inspection Services), 40 Rector Street, Suite 1020-B, New York, New York 10006; Amy S. Greene Environmental Consultants, Inc. (Environmental Services), 4 Walter E. Foran Boulevard, Suite 209, Flemington, New Jersey 08822; Historical Perspectives, Inc. (Historical Preservation/SHPO Services), PO Box 529, Westport, Connecticut 06881; Hurley and Welsh Land Surveying & Engineering, PLLC (Land Surveying Services), 343 Manville Road, Pleasantville, New York 10570; and Distinct Engineering Solutions, Inc. (Concrete Coring and Testing Services), 425 Old Georges Road, North Brunswick, New Jersey 08902.

The proposed has been reviewed and is judged to be responsive to the task at hand.

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.

This matter has been reviewed by the Deputy County Executive and the Acting Commissioner of the Department of Planning, and they are in concurrence.

I recommend adoption of the attached proposed Resolution.

VFK/AS

RESOLUTION

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

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of LiRo Engineers, Inc., 3 Aerial Way, Syosset, New York 11791, for engineering services associated with the Rehabilitation of Pondfield Road West Bridge over Bronx River, BIN 3348600, Bronxville and Yonkers, 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; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal, a total compensation of \$259,984.89, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: MP Engineers, PC (Bridge Inspection Services), 40 Rector Street, Suite 1020-B, New York, New York 10006; Amy S. Greene Environmental Consultants, Inc. (Environmental Services), 4 Walter E. Foran Boulevard, Suite 209, Flemington, New Jersey 08822; Historical Perspectives, Inc. (Historical Preservation/SHPO Services), PO Box 529, Westport, Connecticut 06881; Hurley and Welsh Land Surveying & Engineering, PLLC (Land Surveying Services), 343 Manville Road, Pleasantville, New York 10570; and Distinct Engineering Solutions, Inc. (Concrete Coring and Testing Services), 425 Old Georges Road, North Brunswick, New Jersey 08902; 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, 2022; 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. 17-905

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	366	46	RB03L01E	6120-03	BA #217-2016	\$ 259,984.89

Budget Funding Year(s): 2017 Start Date: 04/30/2017 End Date: 12/31/2022
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$259,984.89 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____