

39120

TO: Board of Acquisition and Contract
FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation
DATE: March 18, 2014
SUBJECT: First Amendment to Agreement No. 10-910 in the matter of Engineering Services in connection with the Rehabilitation of Fulton Avenue Bridge over Hutchinson River (BIN 3348220), Mount Vernon and Pelham Manor, New York

Consultant: Henningson, Durham & Richardson
Architecture and Engineering, PC

Amendment Amount: \$1,396,637.00

Subconsultant Approval: Amercom Corp.
Gresham Consulting

Authority of your Honorable Board is requested to amend the existing Agreement between the County of Westchester and Henningson, Durham & Richardson Architecture and Engineering, PC, 711 Westchester Avenue, White Plains, New York 10604. The original Agreement dated May 14, 2010, was for engineering services in connection with the Rehabilitation of the Fulton Avenue Bridge over Hutchinson River (BIN 3348220) in Mount Vernon and Pelham Manor, New York.

The consultant is currently developing the design of the Fulton Avenue Bridge structural rehabilitation that is included in the existing Agreement. In addition to the ongoing structural rehabilitation, the span drives, power and control systems for this bridge are outdated and in need of replacement. The design and construction administration associated with these electrical and mechanical components, which is outside of the scope of work included in the existing Agreement, is needed at this time. Modifications to the structural rehabilitation design work will also be required in order to make it compatible with the new span drive, power and control systems.

It is therefore requested that the existing Agreement be amended to provide for engineering services in connection with the Rehabilitation of Fulton Avenue Bridge. The consultant shall provide design and construction administration services associated with the upgrade of the span drives, power and control systems which are outside of the scope of work included in the existing Agreement. 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 upgrade the span drives, power and control systems of the Fulton Avenue Bridge over Hutchinson River in Mount Vernon and Pelham Manor. This work is necessary due to extensive deterioration of the bridge. The upgrades to the span drives, power and control systems shall be coordinated with the structural rehabilitation of the bridge in order to minimize the disruption caused by construction. This agreement will benefit the public as it will enhance the functionality of this structure ensuring its safe use by the public, thus addressing the County Executive's priority area of Safety and Security.

The engineering discipline encompassed in this Amendment is not new, but rather, it is an integral part of the project that involves the same degree of skill, experience and complexity as the expertise generally described in the original project. Accordingly, this type of engineering discipline was originally contemplated in the Professional Prequalification Board and Professional Selection Board process.

The fee for the above services is for an amount of \$1,396,637.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$2,145,411.00. The completion date of the Agreement shall be extended to December 31, 2017.

In addition, Henningson, Durham & Richardson Architecture and Engineering, PC has requested the utilization of the following subconsultants: Amercom Corp. (Bathymetric Survey), 1259 Route 46 East, Building #1, Parsippany, New Jersey 07054; and Gresham Consulting (Bridge Stress Testing), 25 Skunk Hollow Road, Chalfont, Pennsylvania 18914.

Proposed form of Resolution to accomplish the foregoing is attached hereto.

RESOLUTION

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

RESOLVED, that the existing Agreement between the County of Westchester and Henningson, Durham & Richardson Architecture and Engineering, PC, 711 Westchester Avenue, White Plains, New York 10604, be amended to provide for engineering services in connection with the Rehabilitation of Fulton Avenue Bridge over Hutchinson River (BIN 3348220), Mount Vernon and Pelham Manor, New York. The consultant shall provide design and construction administration services associated with the upgrade of the span drives, power and control systems which are outside of the scope of work included in the existing Agreement. 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 the additional services rendered in accordance with the consultant's proposal, Henningson, Durham & Richardson Architecture and Engineering, PC, shall be paid a fee of \$1,396,637.00 pursuant to an approved budget, increasing the total maximum fee to \$2,145,411.00; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Amercom Corp. (Bathymetric Survey), 1259 Route 46 East, Building #1, Parsippany, New Jersey 07054; and Gresham Consulting (Bridge Stress Testing), 25 Skunk Hollow Road, Chalfont, Pennsylvania 18914; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2017; and be it further

RESOLUTION

RESOLVED, that all other provisions of the existing Agreement shall remain in full force and effect; 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.

JTP/RSD/AS

Original Agreement	\$	748,774.00	(Design & Constr. Admin. Services – Structural Rehabilitation)
This Amendment		<u>1,396,637.00</u>	(Design & Constr. Admin. Services – Span Drives, Power & Control Systems Upgrades)
TOTAL	\$	2,145,411.00	

Agreement No. 10-910

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
	366	46	RB03S01E	6120-03		\$ 697,223.00
	366	46	RB03S01I	6120-05		\$ 305,220.00
	366	46	RB2UU00E	6120-03		\$ 394,194.00

Budget Funding Year(s): 2014 Start Date: 04/30/10 End Date: 12/31/17
 (must match resolution)

Funding Source: Tax Dollars: <u>100% County</u>	Contractor Federal I.D. No./
State Aid: _____	Social Security No.: _____
<u>\$1,396,637.00</u> Federal Aid: _____	Vendor No.: _____
(must match resolution) Other: _____	Encumbrance No.: _____