

44698

TO: Board of Acquisition and Contract

FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation

DATE: February 10, 2015

SUBJECT: First Amendment to Agreement No. 10-908
In the matter of Engineering Services in connection with the
Hutchinson Pump Station Rehabilitation, Hutchinson Valley Sewer District,
Mount Vernon, New York

Consultant: Dvirka and Bartilucci Consulting Engineers,
A Division of William F. Cosulich Associates, PC

Amendment Amount: \$111,500.00

Authority of your Honorable Board is requested to amend the existing Agreement between the County of Westchester and Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC, 330 Crossways Park Drive, Woodbury, New York 11797. The original Agreement dated May 13, 2010, was for engineering services in connection with the Hutchinson Pump Station Rehabilitation, Hutchinson Valley Sewer District, Mount Vernon, New York.

The Hutchinson Pump Station Rehabilitation is currently under construction. The following issues have arisen which are outside of the scope of work included in the existing Agreement: (1) The original scope of work included only one automatic bar screen. During the design phase, the County requested a second bar screen be included in the project; (2) During the construction phase, the County implemented a standard control system protocol which required additional engineering effort not included in the original scope of work. Approved drawings, control logic and specifications had to be revised and coordinated with the County's integrator; and (3) The original scope of work included partial by-pass pumping for short periods of time. It was presumed the suction valves were operational but, upon further investigation during design, they were found to be faulty resulting in full system by-pass pumping for extended periods of time. Additional reviews, approvals, and construction oversight of these project elements will be required.

It is therefore requested that the existing Agreement be amended to provide for engineering services in connection with the Hutchinson Pump Station Rehabilitation. The Consultant shall provide additional design and construction administration services associated with this project that address tasks which are outside of the scope of work included in the existing Agreement. Additional design services shall include the preparation of construction contract documents (drawings and specifications), construction cost estimates, shop drawing and submittal reviews, 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 is to rehabilitate essential systems and components at the Hutchinson Pump Station. This work is necessary to improve the energy efficiency and reliability of the pump station's integral systems. Neglecting to upgrade these critical elements of the pump station may result in a failure, including the occurrence of a sewage overflow emergency that could allow sewage into the surrounding properties and cause violations of the pump station's State Pollutant Discharge Elimination System (SPDES) Permit. This agreement will benefit the public as it will ensure that the pump station's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of the residents of Westchester County.

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 \$111,500.00 pursuant to an approved budget, bringing the total Agreement plus Amendment to \$606,500.00. The completion date of the Agreement shall be extended to December 31, 2016.

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.

JTP/LR/AS

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 Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC, 330 Crossways Park Drive, Woodbury, New York 11797, be amended to provide for engineering services in connection with the Hutchinson Pump Station Rehabilitation, Hutchinson Valley Sewer District, Mount Vernon, New York. The Consultant shall provide additional design and construction administration services associated with this project that address tasks which are outside of the scope of work included in the existing Agreement. Additional design services shall include the preparation of construction contract documents (drawings and specifications), construction cost estimates, shop drawing and submittal reviews, 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, Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC, shall be paid a fee of \$111,500.00 pursuant to an approved budget, increasing the total maximum fee to \$606,500.00; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2016; and be it further

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.

Original Agreement	\$	495,000.00	(Design & Constr. Admin. Services – Hutchinson PS Rehabilitation)
This Amendment		<u>111,500.00</u>	(Additional Design & Constr. Admin. Services – Hutchinson PS Rehabilitation)
TOTAL	\$	606,500.00	

Agreement No. 10-908

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
<i>Design Services</i>	322	60	SH07500E	6120-03	BA# 55-2012	\$ 62,000.00
<i>CA Services</i>	322	60	SH07500I	6120-05	BA# 55-2012	49,500.00

Budget Funding Year(s): 2015 Start Date: 01/01/15 End Date: 12/31/16
(must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
State Aid: _____ Social Security No.: _____
\$ 111,500.00 Federal Aid: _____ Vendor No.: _____
(must match resolution) Other: _____ Encumbrance No.: _____