

**33180**

**TO:** Board of Acquisition and Contract

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

**DATE:** March 29, 2013

**SUBJECT:** Authority to Enter into Agreement #13-910  
In the matter of Engineering Services in connection with the  
Phase II – Cellular Bulkhead Rehabilitation, Yonkers Joint Wastewater Treatment Plant,  
Yonkers, New York

**Consultant:** **Dvirka and Bartilucci Consulting Engineers,  
A Division of D&B Engineers and Architects, PC**

**Agreement Amount:** **\$250,400.00**

*Subconsultant Approval:* *LynStaar Engineering, PC (WBE)*

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Authority of your Honorable Board is requested to enter into an Agreement in connection with the Phase II – Cellular Bulkhead Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The consultant shall provide construction administration services associated with this project. 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 rehabilitate the cellular bulkhead along the Hudson River at Yonkers Joint Wastewater Treatment Plant (YJWWTP). The cellular bulkhead at YJWWTP is being rehabilitated in four (4) phases. Design has been completed for all four (4) phases. Construction for Phase I – Cellular Bulkhead Rehabilitation at YJWWTP was completed in 2009. Construction for Phase II is anticipated to begin in May 2013. Phase II construction work involves the rehabilitation of 12 bulkhead cells including, but not limited to, the following: installation of a protective coating system, removal and reinstallation of existing stone riprap, installation of tension rods, earth anchors, H-pile deadmen, miscellaneous metals, miscellaneous painting, concrete, test pits, utility markouts, vibratory monitoring, replacement of damaged utilities, construction sequencing, and site restoration. This work is necessary to provide improved sanitary facilities that are in compliance with all applicable regulations. This project will implement the most cost-effective and environmentally compliant technologies available. This agreement will benefit the public as it avoids potential adverse environmental impact to the surrounding properties, thereby promoting public health policies and laws.

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 February 13, 2012, 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 April 10, 2012 whereby AECOM USA, Inc.; Camp Dresser McKee & Smith; Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC; M. G. McLaren, P.C. d/b/a McLaren Engineering Group; and Parsons Brinckerhoff, Inc. were selected to possibly perform said services. On February 11, 2013, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on March 7, 2013.

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Phase II – Cellular Bulkhead Rehabilitation, Yonkers Joint Wastewater Treatment Plant

Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC

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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 March 25, 2013, selected Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC, 330 Crossways Park Drive, Woodbury, New York 11797, as the number one firm to perform engineering services in connection with the Phase II – Cellular Bulkhead Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York, for a total fee of \$250,400.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC, has requested the utilization of the following subconsultant: LynStaar Engineering, PC (Construction Inspection Services), 448-450 Manville Road, Pleasantville, New York 10570.

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

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

I recommend adoption of the attached proposed Resolution.

# 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 Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC, 330 Crossways Park Drive, Woodbury, New York 11797, for engineering services associated with the Phase II – Cellular Bulkhead Rehabilitation, Yonkers Joint Wastewater Treatment Plant, Yonkers, New York. The consultant shall provide construction administration services associated with this project. 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 services rendered in accordance with the consultant's proposal, a total compensation of \$250,400.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: LynStaar Engineering, PC (Construction Inspection Services), 448-450 Manville Road, Pleasantville, New York 10570; 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, 2016; 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/LR/AS

Agreement No. 13-910

Account to be Charged/Credited

Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
322	60	SY037011	6120-05		\$ 250,400.00
				<b>Total:</b>	<b>\$ 250,400.00</b>

Budget Funding Year(s): 2013 Start Date: 05/17/2013 End Date: 12/31/2016  
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
\$250,400.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: \_\_\_\_\_ Encumbrance No.: \_\_\_\_\_

Board of Acquisition and Contract

Agreement No. 13-910

Phase II – Cellular Bulkhead Rehabilitation, Yonkers Joint Wastewater Treatment Plant

Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC

List of Respondents

Camp Dresser McKee & Smith 60 Crossways Park West, Suite 340 Woodbury, New York 11797 (516) 496-8400	\$ 248,000.00
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Dvirka and Bartilucci Consulting Engineers, A Division of D&B Engineers and Architects, PC 330 Crossways Park Drive Woodbury, New York 11797 (516) 364-9890	\$ 250,400.00
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APPROVED BOARD OF ACQUISITION & CONTRACT - 04/25/2013 - JOMARY VIEIRA, SECRETARY