

27864

TO: Board of Acquisition and Contract

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

DATE: July 6, 2012

SUBJECT: Authority to Enter into Agreement #12-912
In the matter of Engineering Services in connection with the
Tarrytown Force Main Replacement, Saw Mill Sewer District,
Tarrytown, New York

Consultant: Hazen and Sawyer, PC

Agreement Amount: \$742,869.00

Subconsultant Approval: Converse Consultants
Mercator Land Surveying
Badger Daylighting, Corp.
LynStaar Engineering, PC (WBE)

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Tarrytown Force Main Replacement, Saw Mill Sewer District, Tarrytown, New York. The consultant shall provide design and construction administration 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. 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 replace the 30-inch diameter Tarrytown Force Main from the Tarrytown Pump Station to the intersection of Route 9 and Route 119, an approximate length of 4,200 linear feet. The force main has been the source of several problems over the years, including inferior manufacturing materials used to produce the pre-stressed concrete cylinder pipe (PCCP) which resulted in several pipeline failures. This work is necessary to improve the reliability of the force main. Neglecting to upgrade this critical pipeline may result in future failures, including the occurrence of a sewage overflow emergency that could allow sewage into the surrounding properties and cause violations of the County's State Pollutant Discharge Elimination System (SPDES) Permit. This agreement will benefit the public as it will ensure that the County's operations are safe and environmentally compliant, thereby enhancing the health and general welfare of County residents.

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 June 7, 2007, 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 19, 2011 whereby Cameron Engineering & Associates, LLP; Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC; Gannett Fleming Engineers and Architects, PC; Hazen and Sawyer, PC; Malcolm Pirnie, Inc.; and Savin Engineers, PC were selected to possibly perform said services. On February 21, 2012, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on March 29, 2012.

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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 May 25, 2012, selected Hazen and Sawyer, PC, 498 Seventh Avenue, New York, New York 10018, as the number one firm to perform engineering services in connection with the Tarrytown Force Main Replacement, Saw Mill Sewer District, Tarrytown, New York, for a total fee of \$742,869.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Hazen and Sawyer, PC, has requested the utilization of the following subconsultants: Converse Consultants (Geotechnical Engineering Services), 622 Route 10, Suite 10, Whippany, New Jersey 07981; Mercator Land Surveying (Land Surveying Services), 175 West 93rd Street, Apartment 12J, New York, New York 10025; Badger Daylighting, Corp. (Subsurface Investigation Services), PO Box 425, Garfield, New Jersey 07026; and LynStaar Engineering, PC (Construction Administration 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 Hazen and Sawyer, PC, 498 Seventh Avenue, New York, New York 10018, for engineering services associated with the Tarrytown Force Main Replacement, Saw Mill Sewer District, Tarrytown, New York. The consultant shall provide design and construction administration 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. 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 \$742,869.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Converse Consultants (Geotechnical Engineering Services), 622 Route 10, Suite 10, Whippany, New Jersey 07981; Mercator Land Surveying (Land Surveying Services), 175 West 93rd Street, Apartment 12J, New York, New York 10025; Badger Daylighting, Corp. (Subsurface Investigation Services), PO Box 425, Garfield, New Jersey 07026; and LynStaar Engineering, PC (Construction Administration 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, 2017; 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

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Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
	322	60	SY02000E	6120-03		\$ 530,685.00
	322	60	SY02000I	6120-05		212,184.00
					Total:	\$ 742,869.00

Budget Funding Year(s): 2012 Start Date: 08/30/2012 End Date: 12/31/2017
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$742,869.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

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Tarrytown, New York
Hazen and Sawyer, PC

List of Respondents

Cameron Engineering & Associates, LLP 100 Sunnyside Boulevard, Suite 100 Woodbury, New York 11797 (516) 827-4900	\$ 1,736,606.00
Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC 330 Crossways Park Drive Woodbury, New York 11797 (516) 364-9890	\$ 1,396,542.00
Hazen and Sawyer, PC 498 Seventh Avenue New York, New York 10018 (212) 777-8400	\$ 742,869.00
Malcolm Pirnie, Inc. 44 South Broadway, 15 th Floor White Plains, New York 10601 (914) 694-2100	\$ 716,260.00
Savin Engineers, PC 3 Campus Drive Pleasantville, New York 10570 (914) 769-3200	\$ 919,800.00

APPROVED BOARD OF ACQUISITION & CONTRACT - 07/26/2012 - JOHANNY VIEIRA, SECRETARY