

21280

TO: Board of Acquisition and Contract

FROM: John J. Hsu, PE
Commissioner of Public Works and Transportation

DATE: August 16, 2011

SUBJECT: Authority to Enter into Agreement #11-925 (a Multi-Phased Agreement)
In the matter of Engineering Services in connection with the Sewer System Rehabilitation,
Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary
Sewer Districts

Consultant: Malcolm Pirnie, Inc.
Agreement Amount: \$879,871.00

Subconsultant Approval: Dolph Rotfeld Engineering, PC
Charles A. Manganaro Consulting Engineers, PC (MBE)
Terry Bergendorff Collins (WBE)

Authority of your Honorable Board is requested to enter into an Agreement in connection with the Sewer System Rehabilitation, Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary Sewer Districts. The consultant shall provide design and construction administration services associated with this project. Design services shall include the preparation of construction documents (plans and specifications), construction cost estimates, any required addenda, and 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 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 repair approximately 25,000 linear feet of defective pipeline and 155 defective manholes at various locations of the Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary Sewer Districts. This project is the result of a multiphase investigation and evaluation of the County's Trunk Sewer System performed from 2004 to 2010. A total of 556,475 linear feet of sewer and 2,115 manholes were inspected to identify sources of infiltration, structural deficiencies, and other physical defects in need of rehabilitation. Pipeline defects observed include broken and cracked pipe, holes and punctures, separated joints, water level dips in the pipeline, corrosion, heavy root intrusion, and sources of high infiltration. Manhole defects observed include offset frames, broken covers, leaking walls, root intrusion, and significant inflow due to low-lying manholes. 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 effectuates long-term repairs of these critical sewer system components avoiding potential adverse environmental impact to the surrounding properties and water bodies, thereby promoting public health policies and laws.

Board of Acquisition and Contract

Agreement No. 11-925

Sewer System Rehabilitation,

Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary Sewer Districts
Malcolm Pirnie, Inc.

Page 2

The intent of this Agreement is to have the design and construction administration performed in multiple phases as subsequent funding becomes available. The initial design phase will define the scope of work and the required budget for the next phases of construction administration and construction for which funding shall be approved in the future. Design work for all phases will be completed simultaneously. Construction work will be bid separately in three phases staggered over a three year period.

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 20, 2010, 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 January 27, 2011 whereby Dolph Rotfeld Engineering, PC; Dvirka and Bartilucci Consulting Engineers, A Division of William F. Cosulich Associates, PC; Hazen and Sawyer, PC; Malcolm Pirnie, Inc.; and Savin Engineers, PC were selected to possibly perform said services. On March 18, 2011, a request for proposal (RFP) was sent to the qualified firms and subsequently proposals were received on April 27, 2011.

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 August 3, 2011, selected Malcolm Pirnie, Inc., 44 South Broadway, 15th Floor, White Plains, New York 10601, as the number one firm to perform engineering services in connection with the Sewer System Rehabilitation, Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary Sewer Districts, for a total fee of \$879,871.00, pursuant to an approved budget, which represents the best possible contract for the County.

In addition, Malcolm Pirnie, Inc., has requested the utilization of the following subconsultants: Dolph Rotfeld Engineering, PC (Design and Resident Inspection Services), 100 White Plains Road, Suite 315, Tarrytown, New York 10591, Charles A. Manganaro Consulting Engineers, PC (Resident Inspection Services), 7 West Cross Street, Hawthorne, New York 10532; and Terry Bergendorff Collins (Land Surveying), 52 Star Ridge Road, Brewster, New York 10509.

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 Malcolm Pirnie, Inc., 44 South Broadway, 15th Floor, White Plains, New York 10601, for engineering services associated with the Sewer System Rehabilitation, Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary Sewer Districts. The consultant shall provide design and construction administration services associated with this project. Design services shall include the preparation of construction documents (plans and specifications), construction cost estimates, any required addenda, and 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 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 services rendered in accordance with the consultant's proposal for the first phase of this multi-phase project, a total compensation of \$879,871.00, shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultants also be approved: Dolph Rotfeld Engineering, PC (Design and Resident Inspection Services), 100 White Plains Road, Suite 315, Tarrytown, New York 10591; Charles A. Manganaro Consulting Engineers, PC (Resident Inspection Services), 7 West Cross Street, Hawthorne, New York 10532; and Terry Bergendorff Collins (Land Surveying), 52 Star Ridge Road, Brewster, New York 10509; 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, 2015; and be it further

RESOLUTION

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.

JJH/LR/AS

Agreement No. 11-925

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
Phase II Design/CA	322	60	SBB8501S	6120-03		\$ 174,881.76
Phase III Design/CA	322	60	SM08501S	6120-03		\$ 174,881.76
Phase III Design/CA	322	60	SQS8501S	6120-03		\$ 19,860.87
Phase III Design/CA	322	60	SPK8501S	6120-03		\$ 19,860.87
Phase I-III Design	322	60	SY08506E	6120-03		\$ 302,249.33
Phase I-III CA	322	60	SY08506I	6120-05		\$ 168,275.54
Phase III Design/CA	221	60	0110-0081	4380-SEFS		\$ 19,860.87
					Total:	\$ 879,871.00

Budget Funding Year(s): 2011 Start Date: 10/01/2011 End Date: 12/31/2015
 (must match resolution)

Funding Source: Tax Dollars: 100% District Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$879,871.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____

Board of Acquisition and Contract
Agreement No. 11-925
Sewer System Rehabilitation,
Blind Brook, Mamaroneck, New Rochelle, Ossining, Peekskill, and Yonkers Joint Plant Sanitary Sewer Districts
Malcolm Pirnie, Inc.

List of Respondents

Dvirka and Bartilucci Consulting Engineers, \$ 883,017.00
A Division of William F. Cosulich Associates, PC
330 Crossways Park Drive
Woodbury, New York 11797
(516) 364-9890

Hazen and Sawyer, PC \$ 1,080,281.00
498 Seventh Avenue
New York, New York 10018
(212) 777-8400

Malcolm Pirnie, Inc. \$ 879,871.00
44 South Broadway, 15th Floor
White Plains, New York 10601
(914) 694-2100

APPROVED BOARD OF ACQUISITION & CONTRACT - 09/15/2011 - JOMAR VIEIRA, SECRETARY