

38183

TO: Board of Acquisition and Contract
FROM: Jay T. Pisco, PE
Commissioner of Public Works and Transportation
DATE: January 28, 2014

SUBJECT: Authority to Enter into Agreement #14-900
In the matter of Engineering Services in connection with the
Rehabilitation of Gas Collection and Control Systems, Croton and Railroad 1 Landfills,
Croton Point Park, Croton-on-Hudson, New York

Consultant: Cornerstone Environmental Group, LLC d/b/a
Cornerstone Engineering and Land Surveying, PLLC
Agreement Amount: \$98,600.00

Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for the Rehabilitation of Gas Collection and Control Systems, Croton and Railroad 1 Landfills, Croton Point Park, Croton-on-Hudson, New York. The consultant shall provide investigation and construction support services associated with this project. For investigation services, the consultant shall provide data acquisition, verify existing site conditions, perform environmental testing and analysis, develop alternate solutions with associated cost estimates, prepare a draft report for review, and issue a final report indicating recommended options. For construction support services, the consultant shall provide oversight of the repairs to damaged piping in order to restore vacuum to the landfill gas collection and control systems and to help maintain operation of the existing enclosed flare.

The objective of this project will be to investigate and rehabilitate the gas extraction wells that are not functioning properly at the Croton and Railroad 1 Landfills in Croton Point Park. This work is necessary due to settlement of the gas extraction wells as the solid waste within the landfill decomposes putting direct stress on the extraction pipes. Settlement may also result in gas piping and low points being blocked by condensate. Inefficiently operating extraction wells fail to capture all of the gas being produced by the landfill. This condition could lead to gas migration beyond the present perimeter of the landfill in violation of New York State law. This project will implement the most cost-effective and environmentally compliant technologies available. This agreement will benefit the public as it effectuates permanent repairs of this County facility avoiding potential adverse environmental impact to the surrounding properties, thereby promoting public health laws and addressing the County Executive's priority area of Health and Environment.

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.

On October 24, 2013, the Professional Prequalification Board was canvassed for the purpose of generating a list of qualified firms to provide professional services for this project. The Professional Prequalification Board approved a list of five (5) qualified firms to provide professional services for this project. As the fee is estimated to be less than \$100,000, on November 26, 2013 the Professional Selection Board reviewed this eligible list of qualified firms, whereby three firms were selected to possibly perform said services.

Board of Acquisition and Contract
Agreement No. 14-900
Rehabilitation of Gas Collection and Control Systems
Croton and Railroad 1 Landfills
Cornerstone Engineering and Land Surveying, PLLC
Page 2

By Resolution approved January 23, 2014, your Honorable Board authorized the County to negotiate with the firm of Cornerstone Environmental Group, LLC d/b/a Cornerstone Engineering and Land Surveying, PLLC, 90 Crystal Run Road, Suite 201, Middletown, New York 10941, and a proposal was submitted for engineering services for the Rehabilitation of Gas Collection and Control Systems, Croton and Railroad 1 Landfills, Croton Point Park, Croton-on-Hudson, New York, for a total fee of \$98,600.00, pursuant to an approved budget.

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

RESOLUTION

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

RESOLVED, that approval is hereby granted to enter into an Agreement with the firm of Cornerstone Environmental Group, LLC d/b/a Cornerstone Engineering and Land Surveying, PLLC, 90 Crystal Run Road, Suite 201, Middletown, New York 10941, for engineering services for the Rehabilitation of Gas Collection and Control Systems, Croton and Railroad 1 Landfills, Croton Point Park, Croton-on-Hudson, New York. The consultant shall provide investigation and construction support services associated with this project. For investigation services, the consultant shall provide data acquisition, verify existing site conditions, perform environmental testing and analysis, develop alternate solutions with associated cost estimates, prepare a draft report for review, and issue a final report indicating recommended options. For construction support services, the consultant shall provide oversight of the repairs to damaged piping in order to restore vacuum to the landfill gas collection and control systems and to help maintain operation of the existing enclosed flare; and be it further

RESOLVED, that for services rendered in accordance with the consultant's proposal, a total compensation of \$98,600.00 shall be provided, pursuant to an approved budget; 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. 14-900

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Trust Account	Dollars
	325	60	RD01601E	6120-05		\$ 98,600.00

Budget Funding Year(s): 2014 Start Date: 03/01/14 End Date: 12/31/16
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./
 State Aid: _____ Social Security No.: _____
\$98,600.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____