

63907

TO: Board of Acquisition and Contract

FROM: Hugh J. Greechan, Jr., P.E.
Commissioner of Public Works and Transportation

DATE: June 26, 2018

SUBJECT: Authority to Enter into Agreement #18-916
In the matter of Engineering Services in connection with the
Rehabilitation of Gas Collection and Stormwater Systems, Croton Landfill,
Croton Point Park, Croton-On-Hudson, New York

Consultant: Cornerstone Environmental Group, L.L.C. d/b/a
Cornerstone Engineering and Land Surveying, P.L.L.C.

Agreement Amount: \$99,000.00

Subconsultant Approval: Gary Rich, L.S.

Authority of your Honorable Board is requested to enter into an Agreement in connection with engineering services for the Rehabilitation of Gas Collection and Stormwater Systems, Croton Landfill, Croton Point Park, Croton-On-Hudson, 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 rehabilitate gas collection and stormwater systems at the Croton Landfill. The Westchester County Department of Environmental Facilities ("WCDEF") has advised that an investigative study was performed after potential landfill waste was discovered during the installation of a horizontal collector interconnected to the existing gas collection system, and was believed to be outside the landfill footprint. The study concluded that the waste material was within the landfill footprint, but recommended the installation of additional horizontal collection and stormwater trenches, outside the waste footprint to alleviate the methane concentrations discovered and creation of a barrier which will prevent possible future landfill gas migration. The project entails the installation of approximately 1,200 linear feet of gas collection piping with a drainage line underneath, within a 4-foot wide by 6.5-foot deep trench on the northwest side of the landfill, in order to alleviate methane concentrations discovered there and to prevent potential future landfill gas migration. The additional gas collection and drainage pipes will connect to existing gas and drainage infrastructure at the site. Located on the perimeter of the capped landfill, but within the previously disturbed area, the site currently consists of tall grasses, which will be restored to pre-existing condition following completion of the piping installation. 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 policies and laws.

On September 23, 2016, the Professional Prequalification Board was canvassed for the purpose of generating an eligible list of qualified firms to provide environmental facilities engineering services for an estimated fee not-to-exceed \$100,000. The Professional Prequalification Board approved a list of sixteen (16) qualified firms. The list was reviewed by the Professional Selection Board on May 29, 2018, whereby three firms were selected to possibly perform said services.

By Resolution approved June 14, 2018, your Honorable Board authorized the County to negotiate with the firm of Cornerstone Environmental Group, L.L.C. d/b/a Cornerstone Engineering and Land Surveying, P.L.L.C., 100 Crystal Run Road, Suite 101, Middletown, New York 10941, and a proposal was submitted for engineering services for the Rehabilitation of Gas Collection and Stormwater Systems, Croton Landfill, Croton Point Park, Croton-On-Hudson, New York, for a total fee of \$99,000.00, pursuant to an approved budget.

In addition, Cornerstone Environmental Group, L.L.C. d/b/a Cornerstone Engineering and Land Surveying, P.L.L.C. has requested the utilization of the following subconsultant: Gary Rich, L.S. (Land Surveying Services), 24 Lang Drive, Pine Bush, New York 12566.

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.

HJG/ER/AS

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, L.L.C. d/b/a Cornerstone Engineering and Land Surveying, P.L.L.C. ("Consultant"), 100 Crystal Run Road, Suite 101, Middletown, New York 10941, for engineering services for the Rehabilitation of Gas Collection and Stormwater Systems, Croton Landfill, Croton Point Park, Croton-On-Hudson, 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 \$99,000.00 shall be provided, pursuant to an approved budget; and be it further

RESOLVED, that the use of the following subconsultant also be approved: Gary Rich, L.S. (Land Surveying Services), 24 Lang Drive, Pine Bush, New York 12566; 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, 2021; 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.

Agreement No. 18-916

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
	325	60	RD016-02-E	6120-03	BA #187-2017	\$ 60,000.00
	325	60	RD016-02-I	6120-05	BA #187-2017	\$ 39,000.00

Budget Funding Year(s): 2018 Start Date: 08/01/18 End Date: 12/31/21
 (must match resolution)

Funding Source: Tax Dollars: 100% County Contractor Federal I.D. No./ Social Security No.: _____
 State Aid: _____
\$99,000.00 Federal Aid: _____ Vendor No.: _____
 (must match resolution) Other: _____ Encumbrance No.: _____