



CWSRF Projects C2-5206-14-70 & 14-00
New York City Municipal Water Finance Authority
Kings County
NYCDEP 26th Ward WPCP Upgrade
Contract 13 - Emergency Power Generators

Type of Financing: Short-Term Interest-Free and American Recovery and Reinvestment Act (ARRA) Funds

Estimated Amount to be Financed: \$32,464,413

Estimated ARRA Principal Forgiveness: \$32,464,413

Estimated Principal of Long-Term Financing: NA

Other Funding Sources: None

Prior CWSRF Recipient: Yes (X) No ()

Hardship Determination: Yes () No (X)

Project Description:

This action consists of providing short-term financing for the construction costs associated with the replacement of two 4 megawatt (MW) combustion gas turbine emergency generators with three more dependable 2.5 MW diesel engine emergency generators. On the site of the 26th Ward WPCP this construction work also includes the rehabilitation of the Emergency Generator Building with replacement of other electrical equipment and the replacement-in-kind of the 600 kW emergency generator in the Main Building. This Project is defined in the June 2009 Engineering Report entitled “26W-13 Emergency Generator System – Final Design Report” and in the Plans and Specifications for Contracts 26W-13G (Structures and Equipment) and 26W-13E (Electrical). The Engineering Report was approved and made eligible by the NYSEFC on July 31, 2009. The Plans and Specifications are approvable pending receipt of the final bid set.

Project Summary:

This project is part of the NYCDEP’s upgrade program for the 26th Ward Water Pollution Control Plant that serves a large area of southern Brooklyn with an average dry weather flow capacity of 85 MGD. The existing emergency generator equipment has become unreliable and must be replaced in order to provide this treatment plant with a more dependable emergency power system. This emergency power equipment can operate the entire treatment plant; during a system-wide power failure and the local utility, Con Edison, will occasionally request that large electricity users like the 26th Ward WPCP, use their on-site emergency power system during peak load situations.

Financing Summary:

Total project costs will be funded with CWSRF short-term interest free financing, and upon satisfactory completion will be principally forgiven and any ineligible portion will be either converted to CWSRF long-term leveraged financing or repaid. Project costs have not been pre-financed by any other source.

SEQR Findings:

The Corporation has determined that the making of the proposed financing will finance the construction of a project that will not have a significant adverse effect on the environment: (1) DEC has certified that this project is in compliance with the SERP; (2) no potentially large impacts have been identified; and (3) NYCDEP, acting as lead agency, has determined that the project will not have a significant effect on the environment.

Construction Schedule:

Description

Contract 26W-13E

Contract 26W-13G

Construction Start

December 1, 2009 (T)

December 1, 2009 (T)

Construction Completion

June 1, 2012 (T)

June 1, 2012 (T)