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CUNY BRONX COMMUNITY COLLEGE
CAMPUS-WIDE UTILITY UPGRADE PROJECT

PROJECT NAME:	Bronx Community College Campus Wide Utilities Upgrade
PROJECT OWNER:	City University of New York (CUNY)
OWNER REPRESENTATIVE:	New York Power Authority (NYPA)

PROJECT DESCRIPTION:

The Bronx Community College consists of 25 building on a 40 acre campus which was the original home of New York University as well as several New York Landmark Buildings; including the Hall of Fame for Great Americans (1910) which was designed by renowned architect Stanford White. Situated on the highest point in Bronx Borough, the College Campus was also utilized by troops during the Revolutionary War and is under the jurisdiction of the State Historic Preservation Officer (SHPO).

Specific project challenges include the coordination of major construction activities on an active and vibrant CUNY campus. RCM was required to adhere to strict safety protocols during the trenching operations for this significant infrastructure project.

RCM Technologies, Inc. is the Design Engineer and Construction Manager for a phased implementation of the Campus Wide Central Utilities Upgrade and Energy Improvements Project. The project consisted of the following:

- A new 5000 ton central refrigeration plant and chilled water distribution to campus.
- Replacement of the existing district medium temperature hot water.
- Installing new 5kV electric service to serve each building via new transformers.
- New Con Edison service including transformer vault, network gear room, customer compartment and campus switchgear building.
- Replace steam generators or heat exchangers in all buildings
- Replace central boiler plant.

PROJECT START DATE: April 2011

EST. PROJECT DURATION: 4 years

EST. CONSTRUCTION COSTS: $90,000,000

EST. ANNUAL ENERGY SAVINGS: $2,000,000

For more information, contact RCM's Facilities Design & Consulting Division located in our Purchase, NY office at 914-253-6100