



Miscellaneous Campus Utilities

The Johns Hopkins Hospital

Baltimore, MD

OWNER

The Johns Hopkins Hospital
Baltimore, MD

DATE OF COMPLETION

January 2000

CONTRACT TYPE

Cost plus fee

CONTRACT AMOUNT

Original: \$ 5,602,000.00

Final: \$ 10,000,000.00

POINT OF CONTACT

Mr. Howard Reel
Tel.: (410) 614-5839



PROJECT DESCRIPTION

Chiller Plant Upgrade (value \$5.2 Mil)

- Furnish and install 5,000 Tons of additional chilled water.
- Completely renovate existing condenser water system and rebuilding of Marley Cooling Towers for a capacity of 30,000 tons Chilled Water Plant

Utility Tunnel to New Cancer Center (approx. value \$1.7 Mil):

- Provide steam, condensate, chilled water, sprinkler, lab gases, and permanent electric power

New Generator Plant (approx. value \$2.1 Mil)

- Completely renovate existing Laundry Building to serve as new Generator Plant
- Furnish and install (2) 1800 KW generators and all interconnecting mechanical and electrical interfaces.



Management: Green Contracting Company, Inc. has performed ongoing maintenance and construction operations at Johns Hopkins Hospital for the past 20 years, including all boilers repairs. The majority of the repairs, retubing, or alterations are performed in accordance with ASME requirements.

In November 1997, the hospital was faced with a significant shortage in its chilled water capacity with the opening of two new building, a Cancer Center and New Research Facility. Design of the chiller plant upgrade & Utility Tunnel Projects was only 50% complete.

Based on our ongoing relationship with the hospital, our commitment to quality, honesty, and track record of completing work on time and within budget, Green Contracting Company was given charge to completing this Fast Track Multi-Faceted Project.

Immediately, we established two teams: a design team consisting of owner's representatives, electrical and mechanical engineers, and a senior project manager to oversee the design and selection of equipment and a Construction Team consisting of Senior Project Manager, mechanical project manager, and superintendent from mechanical, electrical and general constructions trades to oversee the planning and implementation of the construction.

The close relationship of these two teams working together and the positive attitude of all the team members created a "can do" approach to overcome all problems and obstacles encountered.

Substantial completion of the chiller plant upgrade met the owner's May 1 deadline. Completion of Phase 2 by September 1998 and Phase 3 by January 2000.

Green Contracting's personnel:

Project Managers: David A. Jacobson and Michael K. Ziehl
Superintendents: Bo Bavis and Michael Gillespie