



New York - Presbyterian Hospital CUIMC Cancer Center Commissioning



SERVICES

Healthcare Commissioning

PROJECT SNAPSHOT

Concord Engineering is the third-party commissioning agent for the new 500,000ft² Cancer Center at NYP CUIMC. The project scope includes full MEPFP, Nurse Call, IT/Telecommunication Systems, Security and Building Envelope.

PROJECT BACKGROUND

New York-Presbyterian is building a 16-story, 500,000-square-foot cancer center at its Columbia University Irving Medical Center. The culture of the project will support sustainability, natural healing, stewardship, innovation, and an exemplary workplace for healthcare staff. The outpatient facility will provide a wide range of cancer care while connecting the medical campus to the neighborhood of Washington Heights. The new building will be constructed adjacent to the existing Service Building, appearing to be connected, creating an architectural challenge to match finishes.

THE CHALLENGE

- We must adhere to Local Law 97, one of the nation's most ambitious plans for reducing emissions, which requires unique design solutions including the modification of the central plant distribution system. Critical infrastructure also must meet future flexibility requirements.
- These modifications will make the overall budget a central challenge of the project.
- Bridging the gap between the Capital and the Facilities Operations teams is essential to achieve solutions to the project program, project budget, and operations considerations.

THE CONCORD DIFFERENCE

- ✓ Extensive industry experience that enables coordination across disciplines
- ✓ Track record for meeting rigorous energy efficiency requirements
- ✓ Documentation and training to ensure personnel understand the new systems
- ✓ Beyond observation and documentation, we provide solutions that work

THE EXPECTED SOLUTION

- We developed the Commissioning Specifications detailed to the standards of NYP to ensure sub-contractor participation and coordination during installation and functionality testing.
- During the Design Phase, we used our experience with Central Plant Systems, Clinical MEP and Heat Pumps to provide suggestions for the Design Team and Owner.
- We worked with the Construction Team to bridge the gap between the Capital Team and the Facilities Operations for amenable owner-designated design directives.
- Prior to building occupancy, we will work with the Facilities Operations team in the Functional Testing process so personnel fully understand the system(s) operations in addition to handling the asset tagging system for maintenance and work order management.