

University Hospital Medical Procedure Unit Expansion



Project Description

This project will expand the MPU space by approximately 4,000 gross square feet into the exterior courtyard on level 2 adjacent to the MPU, and renovate 2,200 gross square feet of existing space. The expansion will create additional prep/recovery bays, procedure rooms, and storage space, and expand the patient and family reception and waiting room. The project will also include

networking upgrades that will accommodate newer technology for endoscopic procedures. The estimated cost of the project is \$6,000,000.

Energy Efficiency Measures

The project utilizes existing central HVAC equipment but the goal was to utilize energy efficient methods and strategies for the new construction wherever possible.

- Utilized variable air volume system.
- Installed energy efficient VFD and premium efficiency motors on existing central equipment supply and return fans serving space.
- Revised controls sequence for supply and return fans.
- Provided digital controls for new VAV boxes.
- Incorporated occupancy sensors to automatically shutoff lights where appropriate.
- Used high efficiency fluorescent lighting in all general spaces.
- Use ultra high efficiency LED exit lights, night lights and down lights in procedure rooms.
- Provided multi-level switching and dimming of lights.
- Maximized insulation in new roof assembly, exceeding min energy code requirements.
- Low VOC interior finishes (Paints, Flooring, Wall coverings, etc).

Other Sustainability Features

- High level of air quality in spaces.
- Infill of exterior courtyard, reuse of existing wall construction.

Project Data

- Budget: \$6 M
- Schedule: Completion scheduled for Spring 2012
- Square Feet: 4,000 gsf addition and 2,200 gsf renovation

Status as of May 2011

- Project Status:
- Design Complete: 100%
- Construction Complete: 1%