North Campus Research Complex Building 16 Renovation for Health Services Research

Project Description

A renovation of the North Campus Research Complex Building 16 is planned to co-locate several health service research groups currently dispersed throughout the University.   The five above-grade levels will be renovated to promote collaboration amongst groups and consolidate redundant resources to create a more efficient and cost-effective research environment.   Conference space and a fitness center located in the below grade level will be renovated for general NCRC use.   The project will also update the building's infrastructure, including heating, cooling, technology, code and accessibility improvements.

Energy Efficiency Measures

A primary goal for this project is to reduce energy consumption where possible in those areas being renovated in conjunction with preserving as much of the existing building assets as possible.   Several sustainable practices being evaluated and/or implemented as part of this project including:

- The new floor plan design will open up work space to draw natural daylight further into the facility
- Life cycle analysis is being evaluated for converting from existing electric heating panels to a new perimeter hydronic fin tube design solution
- New low flow fixtures will be provided in toilet rooms to reduce water consumption
- The level of renovation was reduced by preserving by reusing and/or repurposing approximately 60% of the current floor plan layout
- Almost all of the existing furniture within the 120,000 gsf facility will be reused in the renovated space
- New energy efficient lighting fixtures with electronic ballasts will be used
- New occupancy sensors are being provided for more energy efficient lighting controls in offices, conference rooms and support spaces
- New timer light switching will be provided in janitor closets and storage rooms that have infrequent use.
- The existing carpeting will be recycled as part of the renovation
- Low VOC and recycled content will be used where possible