



## PROJECT DETAILS

### SERVICES:

Commissioning

### SIZE:

125,300 SF

### MECHANICAL:

Supply Air, Return Air  
Exhaust Air  
Heat Recovery (if required)  
Chilled Water System  
Hot Water System  
Pipe Work Flushing  
and Chemical Cleaning  
HVAC Control System  
Domestic Hot Water  
Domestic Cold Water  
Domestic Waste Drain Systems  
Medical Air  
Medical Vacuum  
Elevator Pressurization Systems

### ELECTRICAL:

Electrical Power Distribution  
Fire Alarm and Signal  
Lighting Control  
Security and Intrusion  
Detection Systems

### SPECIAL SYSTEMS:

Underground Well Water System  
Pneumatic Tube System  
Oxygen and Medical Gas Alarms

### OWNER REPRESENTATIVE:

Elizabeth Hellier  
Assistant Project Manager  
CBRE | Global Corporate Services,  
MultiCare Health System Account  
PO Box 5299 | Mail Stop 911-1-CONS  
Tacoma, WA 98415  
253.380.5463

# MULTICARE HEALTH SYSTEMS

## MULTICARE RAINIER TOWER

*Tacoma, Washington*

The MultiCare Rainier Tower Addition project totals 125,000+ square feet and consists of six floors of inpatient rooms on the current parking lot site east of the Rainier Pavilion. The expansion includes the super-structure to support an additional two more floors for future growth. The Rainier Tower shall accommodate the connections required for inpatient services flow on levels 2, 3, 4, 5 and 6 of the existing Rainier Pavilion into the new Rainier Tower floor plan.

The project included the interior build out of the space for expanded services to include Acuity Adaptable Patient Rooms throughout the building with support services for PCSU, NICU patient floor and rooms with support space, Women and Newborn floor with full support services, and 2 floors of Adult Medical/Surgical/VEEG patient rooms and support services all with adaptable capabilities for future configuration changes. The facility includes a floor of shelled space for potential future inpatient beds along with a lobby area and a mechanical

penthouse capable of accommodating the floors below and the future two floor addition above.

HDR provided full building commissioning of the mechanical/electrical systems of the new systems installed in the Rainier Tower, and provided commissioning of the existing systems that support the new building and feed the adjoining building which impacts the operation of each building. HDR provided design reviews, specification support, initial commissioning plan, and outline of acceptance criteria associated with the turnover of the facility during the Design Phase of the project. HDR provided an updated commissioning plan, submittal review, testing scripts, site inspections, functional testing, independent TAB sampling, system operational validation, and turnover support for the building to the project team during the construction and warranty phases of the project. As a component of the warranty phase, HDR provided seasonal testing along with M&V review of system performance.