

ST. LOUIS CHILDREN'S HOSPITAL – PICU/NICU RENOVATIONS



CLIENT

St. Louis Children's Hospital

BUILDING TYPE

Hospital – PICU/NICU

PROJECT SIZE

Total Project	\$5 million
Murphy Component	\$1.5 million

CONTRACT TYPE

GMP

PROJECT DURATION

18 months beginning in January 2000 and completed in June 2001

MURPHY TEAM

Sr. Project Manager	Jim May
Lead Engineer	Dennis Callahan
Piping Foreman	Dave Dukeman
Sheetmetal Foreman	Dan Schultz
Plumbing Foreman	Ron Dawson

MURPHY COMPANY SCOPE OF WORK

Engineering
HVAC & Med Gas and Plumbing
Tenant Finish

PROJECT TEAM

Architects	Mackey Mitchell
Engineer	Murphy Co.
General Contractor	McGrath/Volk

DETAILS

- Phase remodel of the existing Pediatric Intensive Care Unit (PICU) and Neonatal Intensive Care Unit (NICU)
- Tenant finish work on the new additions to the PICU and NICU areas
- The 20,000 sf PICU and NICU Departments included state of the art treatment and monitoring equipment as well as intensive care beds, transitional care beds and two family participation rooms.

PROJECT HIGHLIGHTS

EARLY INVOLVEMENT

Murphy was brought on board in the initial stages of the development. Interfacing with the owner, architect and general contractor, Murphy developed a design, schedule and GMP budget.

SCHEDULE

Children's had no place to move the babies so all of the construction had to proceed within an operating ICU. Ninety percent of the work was performed in the same rooms as the patients. The need to reschedule construction came at very short notice. Therefore, extensive planning, communication and cooperation amongst the entire project team was necessary to work successfully in this environment. Murphy planned work in phases,

Minimized shutdown periods and displayed innovative uses of manpower.

GMP BUDGET

Murphy developed a BMP budget to meet BJC's initial schedule, scope and budget requirements. BJC later determined scope should be increased, but did not have additional budget available. Murphy helped BJC solve this problem by proposing various scope and value engineering ideas for the owner to evaluate. In weekly meetings Murphy and the owner worked to determine what renovations could be postponed for future work. Murphy also minimized cost by reworking the room layout. Ultimately the project came in minimally over budget.

PROJECT EXPERIENCE

HOSPITAL