



PROJECT SUMMARY:

OSF Information Services and Data Center

MECHANICAL, INC.
www.mechinc.com

Toll Free: (800)747-1955
Phone: (815) 235-1955
Fax: (815) 235-1940

CAPABILITIES:

HVAC PIPING
PLUMBING
SHEET METAL
SERVICE
INDUSTRIAL PROCESS PIPING
WATER AND WASTE WATER TREATMENT PLANTS
PIPE FABRICATION
COMMISSIONING
AQUATIC CENTERS
RENEWABLE FUELS
CAD/BIM
MEDICAL GAS
RETRO-COMMISSIONING
INDUSTRIAL TRADES
DATA CENTERS

Customer: Pepper Construction
9600 Route 91
Peoria, Illinois 61615
Dave Sigler, Project Mgr
847-997-4346

Contract Amount: \$1,979,643

Location: Peoria, IL

Construction is underway on the OSF Healthcare System Information Services and Data Center in Peoria Illinois. Process chilling for the data server room includes installation of 3 Trane 100 ton Air Cooled Chillers, 2 Liebert 10 fan Dry Coolers, 6 1040 gal Thermal Storage Tanks, 8 Liebert CRAC (Computer Room Air Conditioning) Units and all associated pumps, valves and equipment.

Work for this project also includes packaged AHUs, Rooftop units, VAVs and ductwork for the building's HVAC system. Installation of a fuel oil storage tank and fuel oil system for 2 1000 eKw standby Gensets are also part of the contract.

Although not a full BIM Project, Mechanical's use of 3D Modeling whether it is required or not has allowed Mechanical to take the lead in coordination efforts. Several issues concerning MEP systems below the server room raised floor were identified and resolved by the Mechanical Inc Cad Dept. prior to construction. Mechanical's CAD Dept. is utilizing the 3D model created during coordination to generate highly detailed installation drawings for use in the field. Prefabrication of all process piping at our Freeport Fab Facility is underway. This will save both time, material handling and storage on site.

