



PROJECT SUMMARY:

Karl J. Jacobs Center for Math and Science

MECHANICAL, INC.
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Toll Free: (800)747-1955
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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: Rock Valley College
3301 North Mulford Rd.
Rockford, IL 61114
(815) 921-7821

Contract Amount: \$6,854,500.00

Location: Rockford, IL

During 2010-2011, Mechanical Inc. will be performing the following scopes of work on the Karl J. Jacobs Center for Math and Science building at Rock Valley College; Hydronic piping, sheetmetal, plumbing, insulation, and temperature controls.

The heating and chilled water will be provided by two 280 ton modular water to water heat pumps with the condenser water provided by a 164 vertical well geothermal bore field. Air will be supplied to the building by two custom air handling units located in the building penthouse. Terminal units throughout the building include 275 chilled beams, variable air volume boxes, fan coil units, cabinet unit heaters, duct coils, and fin tube radiation. Two Strobic lab exhaust fans will be installed for lab hood exhaust purposes. Mechanical will also be installing heating water and chilled water piping to allow for the heat pumps to supply heating and cooling to the existing, adjacent classroom building.

