

East Moline SD 37

3451 Morton Dr.
E Moline, IL 61244

Contact: Mr. Kristin Humphries
Superintendent
309-792-2887

PROJECT COST\$8,153,500

TYPE..... Guaranteed Performance Contract

TERM..... 20 Year Term

ANNUAL SAVINGS\$29,483 Energy / \$458,115 Operations & Maintenance



New Energy Efficient Window Systems



LED Lighting in Gym



New High Efficiency Boiler System

Project Background

East Moline SD 37 serves over 2,800 students in the Quad Cities area of western Illinois along the Mississippi River. The District has embarked on a mission to improve the comfort of the learning environments which leads to better student performance. Of primary concern was the need to provide air conditioning to Glenview Middle School and Ridgewood Elementary. Only the office area and Library spaces were conditioned.

Solution

The District teamed with CTS for the development of a phased approach to bring much needed improvements to the District's facilities. The Phase 1 project addressed the needs at Glenview Middle School and Ridgewood Elementary with the following project scope covering over 200,000 Sq. Ft. of facility space:

- / Mechanical system upgrades including boiler system replacements with all piping and electrical service upgrades
- / Building automation system with replacement of pneumatic controls with DDC system
- / Replacement of single pane window system with energy efficient systems
- / Complete LED lighting system upgrades and occupancy sensors
- / Exterior improvements including soffit and fascia repairs and painting

Results

By utilizing CTS's fast-track implementation process work began as soon as school was out in June and the project was completed in time for classes to resume in August. Even with the addition of air conditioning to the two schools, the District will realize over \$29,000 in energy savings each year with the following Energy Conservation Measures:

- / Installation of new Boiler Plant Systems
- / LED lighting systems

The project will bring proper comfort levels to the learning environment which will have a direct impact on student achievement.