

AMERICAN

SHAPING FACILITIES & BUSINESS DECISIONS

SCHOOL & UNIVERSITY®

MEASURING
CLEANLINESS

EFFECTIVE
FIRE-PREVENTION
MEASURES

DAYLIGHT
MODELING

SPECIAL SECTION:
GREEN SCHOOLS

OCTOBER 2009



SAVVY SPENDING

**Incorporating life-cycle
costing into facility decisions.**

#BXNPTFZ *****CAR-RT 10T**C-020
#5221590119# AS 100
TDD BELL
AAE
JOHNSON CONTROLS
309 N WATER ST BUILDING EFFICIENCY
MILWAUKEE WI 53202-5218
061218

Bond solutions

District addresses needs with performance contract

Johnson Controls. Houghton-Portage (Mich.) Township Schools wished to address the need for new technologies, facility improvements, and larger physical education and music facilities.

"Our goal with the upgrades and new construction is to do everything we can to provide the academic environment for students and teachers that the community expects," says Bill Polkinghorne, superintendent.

The district teamed with **Johnson Controls** to leverage community support through a bond referendum, coupled with a performance contract, resulting in facility and technology upgrades, building expansion and operational cost savings. This approach resulted in more than \$12 million of improvements to the district's schools, while delivering 100 percent of the \$3 million in energy savings guaranteed under the performance contract back to the district's general fund.

Energy-efficiency upgrades are expected to bring a savings of nearly \$110,000 annually over the 20-year contract. Improvements include window and roof replacement, lighting retrofits, water-conservation measures and a building-management system.

The bond included upgrades to classroom and lab computers, monitors, printers and projectors. A wireless network and VoIP system will save \$10,000 annually in communications costs. The project also included installation of a security-management system.

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Houghton-Portage Elementary School, Houghton, Mich.



A151400S-FG



A1H2J00S

SAFE AND COMPLIANT

- "S" bubbler option makes the waterways of all Aqua models 100% lead and brass free
- All models certified to AB1953 and NSF Std.61, Sec.9, Annex G
- Meets Los Angeles Unified School District standards
- Low flow water conservation bubbler
- Retro fit bubbler kits fit many competitors models
- Recycled materials
- **IN STOCK NOW**



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Waterfree urinal

Falcon Waterfree Technologies.

The new F7000 waterfree urinal has a splash-free bowl design that ensures a dry experience. It also includes a special area for messaging, which can be used to describe water savings and other environmental accomplishments of the facility, or it can be employed as revenue-generating advertising space. The hyper-hygienic urinal helps protect and preserve the environment by conserving up to 40,000 gallons of fresh water per urinal, per year.

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Cleaning systems training

ProTeam. Cleaning Systems Training Group helps organizations improve the quality and productivity of their on-site cleaning and maintenance practices. The program gives leaders a systematic approach for improving cleaning quality, establishing control of supply costs and maximizing labor while minimizing overall costs. The program provides concrete tools for leaders to address opposition from a resistant workforce in positive, constructive ways. All training is done on-site and customized to each institution.

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