

PRESS RELEASE

Siemens Medical Solutions Diagnostics Awards Practical Applications Incorporated Contract for a Batch pH Neutralization System

For immediate release: Thursday July 12, 2007

BOSTON, MA-Practical Applications Incorporated (PAI) was recently awarded the contract to build a Batch pH Neutralization System for the Immunoassay Reagent Expansion Project. This facility manufactures reagents for use in diagnostic equipment that analyzes bodily fluids. The design of the Batch pH Neutralization System integrates state-of-the-art equipment to effectively neutralize the water before it is discharged.

Siemens' and Columbia Construction Company, the project general contractor, chose PAI for its ability to create customized systems that cater to their client's needs. PAI excels at designing high quality and user friendly equipment.

The Batch pH Neutralization System includes two custom-built lift station tanks and two custom-built neutralization tanks. The lift station tanks are engineered to allow self neutralization to occur which helps to conserve resources since less sulfuric acid and/or clean-in-place (CIP) neutralizer will be necessary.

The first 3,500 gallon lift station is constructed of fiberglass to accommodate large volumes of water up to 180° Fahrenheit. Fiberglass is more durable than alternative materials under the given conditions.

PAI systems are composed of state of the art equipment that is able to integrate all components for seamless communication. The centrally controlled system operates using an Allen-Bradley Programmable Logic Controller (PLC) coupled with a Telemecanique Operator Interface Terminal (OIT), making it 100% automated and easy to use. Operators can change set points or manually operate equipment by simply touching the screen, entering the appropriate information, and completing the task required.

PAI's attention to detail and years of industry specific knowledge are reflected in our industry leading software. Our expert software continually runs tests to catch potential failures and initiates one of the numerous automated solutions before problems arise. If the system is not able to resolve the problem two levels of alarms, warning and critical, alert the operators and allow for rapid response when necessary.

Siemens Medical Solutions Diagnostics is a subunit of Siemens Medical Solutions USA, Inc. This subsidiary division was recently developed to incorporate the Bayer Healthcare's diagnostic division which was acquired in July 2006.

Practical Applications, Inc. is a full service environmental company specializing in the design, installation, and maintenance of industrial process water and wastewater systems.

For further information contact:

Caitlin Green, Marketing

info@pai-online.com