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OUR MISSION

We, the employees of Bay Mechanical and Electric Corporation, take pride in delivering quality, service and craftsmanship for customers and ourselves, through communication, planning, organization and cooperation. We will continue to provide "Excellence in Construction" and exceptional opportunities for all of our team.

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Bay Completes Second HVAC Improvement Project for Ohio Veterans Home

In November of 2009, long-time customer Ohio Veterans Home (OVH) in Sandusky, Ohio awarded Bay Mechanical and Electrical a contract to upgrade the cooling system for the Veterans Hall building at the OVH facility. When a project involves renovating an HVAC system in an existing facility there is always the challenge of meeting the deadline of having the heating or cooling system back on line for the upcoming season. In the case of this OVH project Bay was awarded the project in November and was required to have the cooling system back on line by the spring season.

The scope of work for this project included a new 180 ton magnetic



chiller, an induced draft counter flow cooling tower, new chilled water and tower water pump systems, a new water treatment system, glycol management system, building automation system, and variable speed drives for the chiller, pumps, and cooling tower, and finally converting the existing air handling units from DX systems to chilled water. New electrical power distribution, controls, fire alarm, fire protection and new lighting were also part of this project.

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President's Letter



Dear Friends and Associates,

I hope this letter finds all of you well and enjoying your summer.

As part of our ongoing effort to provide our customers with a one-stop solution to their mechanical and electrical construction needs, BMEC is proud to announce that effective August 1, 2010 we will be adding a new division and services to our business.

Through acquisition, BMEC will now provide crane and rigging services to our clients. We can now receive, store, deliver and set into place equipment up to 20,000 pounds. Along with our existing mechanical and electrical services our goal is to provide rigging as well as concrete and steel equipment pads and foundations for a true "one-stop" solution to all of our customer's equipment installation needs. We are very excited about offering this additional service.

In this issue of the **PIPELINE** we are featuring an HVAC rehabilitation project that we've just completed for our friends at the Ohio Veterans Home in Sandusky, Ohio. We are also honoring Mick Gill, this year's recipient of the **Award of Continuing Excellence**. Mick, like many of our employees at Bay consistently provides our customers the highest level of service and craftsmanship. With so many talented people here at Bay, winning this award it is truly an accomplishment. Congratulations Mick!

On behalf of all of us at Bay Mechanical & Electrical, we want to thank all of our customers and vendors for their continued support and look forward to all of the opportunities that lie ahead.

Sincerely,
Terry W. Burns, President

NORTHEAST OHIO REGIONAL SEWER DISTRICT

CONTRACT ESR-1 Easterly Substation Rehabilitation



Having a reliable power source and reliable distribution equipment to distribute it is critical in a wastewater treatment plant. With NEORSRD providing wastewater treatment services for over 334,000 residents and various businesses at the Easterly Plant alone, maintaining their distribution equipment is crucial. As part of the district's Major Capital Improvement Program they systematically replace equipment that has reached its serviceable life expectancy.

The Easterly Substation Rehabilitation (ESR-1) project includes removing and replacing two critical substations as well as replacing a number of existing feeder cables and distribution

EMPLOYEE OF THE YEAR: : Michael Gill



Every year the management team at Bay Mechanical & Electrical selects an employee that best exemplifies the meaning of our corporate Mission Statement. Our mission to provide quality, service and craftsmanship to our customers cannot be accomplished without dedicated employees that are committed to this high level of performance on every project. The chosen employee is presented with the **Award of Continuing Excellence**. As in the past, selecting one employee to receive this award is very challenging and the winner is chosen from a very talented pool of individuals.

This year's recipient – Michael (Mick) Gill- is a welder/ pipefitter that has been with Bay since August of 1994 and has been in the industry since 1977. Mick graduated from Max S. Hayes high school and the Associated Builders and Contractors pipefitting apprenticeship program. "Mick consistently performs at a high level on every project he is involved in. Not only is he very productive; his craftsmanship is second to none. He is conscientious and always represents the

company well", stated Mark Huston who has served as project manager on a number of Mick's projects. Scott Dockrill, Bay COO and project manager on the CSU College of Education project, said "Mick did an excellent job as our Piping Foreman on the CSU project. Mick always gives 100% effort no matter what he is working on. He is always organized and did an outstanding job representing our company. He is truly a pleasure to work with."

Recent projects that Mick was involved in include the City of Elyria's new Municipal Court Building, the Cleveland State University College of Education, Nestle, & CHP to name a few.

Mick and his wife Denise reside in Fairview Park and have two children a daughter Rachel and a son Michael who will be attending CSU this fall. Congratulations to Mick Gill for being presented with this year's **Award of Continuing Excellence**.

equipment. The new equipment will not only assure the district system reliability for many years to come, it will also provide them with real-time information as it relates to energy usage. The new equipment will also feature remote operating panels which will enhance the safety of the switching operation for the district employees.

Replacing power distribution equipment in an existing facility that functions 24 hours a day is challenging. "Working closely with the knowledgeable staff at the district has been a huge plus. Their knowledge of both the plant process and the equipment function has been invaluable." stated Jason Neuschaefer, Project Manager for Bay.

This \$1.7 million project is well underway and is scheduled for completion in late Fall 2010.

NORTHEAST OHIO REGIONAL SEWER DISTRICT Awards Bay CONTRACT IR-13B, The Incinerator Rehabilitation Project

At their August 26, 2010 meeting, The Northeast Ohio Regional Sewer District (NEORS) Board of Trustees voted to award Bay a \$6.1 million contract for the rehabilitation of the district's incinerator systems at the Westerly, Easterly and Southerly plants.

Ohio Veterans Home *...continued from pg. 1*



To house all of this new equipment the project included the construction of a new room inside the existing facility which included structural steel and foundations. New equipment pads and foundations were also required. To distribute the new chilled water a new chilled water distribution system was installed on the roof of the facility. This system consisted of 8" and 10" pipe, expansion fittings, structural hangers and insulation. "Installation of the roof piping system with the close proximity to Lake Erie during the winter months was very challenging", commented project manager Mark Huston. "We had an exceptional crew on the project led by Kent "Doc" Christiansen and they did an excellent job working in those adverse conditions."

"Bay just completed a similar project at OVH; the HVAC Mechanical Systems Upgrade Project in which they installed new steam and condensate distribution piping, HVAC equipment and controls for the heating systems in various buildings throughout the OVH facility", stated Steve Matune, OVH Deputy Superintendent. "Bay continuously provides the home with an outstanding owner-contractor relationship giving us guidance and assisting us in meeting our program timelines."

Ohio Veterans Home is a beautiful facility with a dedicated staff that offers an excellent quality of life for our Veterans regardless of the level of care required. "For over 115 years we have provided excellence in healthcare to over 53,000 of our nations heroes. As it was in 1888 the mission of the Ohio Veterans Home continues today, ' Serving Those Who Served' ", says Mr. Matune.

It was a privilege for all of us at Bay to be part of another project at OVH. Working closely with Steve Matune and the dedicated and knowledgeable staff at OVH makes every project a pleasure. Being part of a project that helps make an already wonderful facility for our Veterans a better place is very rewarding.

This project , Contract IR-13B consists of the repair of the incinerator hearths and rabble arm assemblies, multiple HVAC system replacements, duct work fabrication and installation, installation of a 10,000 gallon stainless steel holding tank, transfer pumps and piping. This project also includes, replacing variable speed drives, power distribution, new emergency lighting, instrumentation and a new gas detection system.

Established in 1972, the NEORSD operates three wastewater treatment plants, treating an estimated 90 billion gallons of wastewater annually in greater Cleveland. These facilities serve an estimated population of one million people throughout 61 communities in the region.

Bay has successfully completed a multitude of projects for the NEORSD including the 2007 Excellence in Construction award winner Contract PA-3 Plant Automation Project. Bay is also currently working on the \$17million Contract SSR-1 Southerly Substation Rehabilitation Project, and the \$1.7 million ESR-1 Easterly Substation Rehabilitation Project.

BayWorks

Our employees at work.

