Electrical Engineering for Water & Wastewater Treatment

Planning - Project Development - Support

Experience

With 25 years of experience in the Water Wastewater market sector, H2E has a proven track record of successful projects and client relationships. H2E's proven expertise lies in the fact that over 90% of our engineering backlog is repeat business with client's who recognize not only H2E's technical capabilities, yet also our philosophy of brining value to the client's objectives.

Process Knowledge

H2E Systems knowledge coupled with our highly developed process control design approach, forms the baseline of project success. This affords a more complete understanding of the project plan, electrical technology requirements, and implementation strategies.

Integrated Team Member

H2E is a multifaceted electrical engineering firm that frequently collaborates with civil, mechanical, and environmental engineering partners during a project life cycle. Serving as a valued partner and promoting an integrated team approach, is imperative to long-term success. It is not without its challenges, but this holistic project focus is crucial in all stages of the project.

We Make Your Project's Electrical Engineering Easy for You!
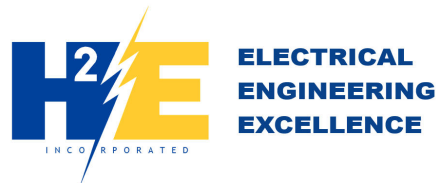
High Quality Bid Packages

A high quality, well designed engineering package reduces the risk of change orders and re-engineering in the field. H2E's internal quality program ensures comprehensive bid packages that reduce your risk. We believe in the synergies of an integrated package review and coordination with the other disciplines.

Review and Management Support

H2E Project Management and Project Control staff prioritize budgeting and financial/contractual maintenance requirements for your project. We will provide support from the initial bid review, through planning and development, and finally through construction and commissioning. Identifying and knowing how to address issues early, saves both time and money in the execution of the project.

Key Services

- Automation Systems
- Facility Design
- Grounding
- Power Distribution
- Lighting/ Receptacle
- Pump Design/Control
- Standby Generation

H2E
INCORPORATED

ELECTRICAL ENGINEERING EXCELLENCE

Automation & Integration for Water & Wastewater Treatment

H2E is Uniquely Positioned to Support Your Needs

Experience & Process Control

H2E has been integrating Water & Wastewater Treatment facilities for 25 years. This longevity provides a level of experience and system knowledge that you can rely on. When coupled with our highly developed process control design approach, the combination ensures a successful integration and project commissioning.

Equipment and Software Experience

H2E is highly experienced in all major Water/Wastewater electrical equipment, instrumentation, and software/SCADA platforms. We are recognized system integrators and certified system integrators for leading suppliers of your control systems. Our experience in implementation, setup, start-up, and commissioning reduce your risks and ensure a successful integration. Simply put, H2E excels at integrating various components and subsystems.

Timely Support

Time is critical when you are experiencing issues or events at your facility. Our responsive technical team of over 30 electrical/automation engineers enables H2E to respond rapidly. Whether on site or when appropriate, via secure remote portal, H2E is there to get you back on-line ASAP.

Risk Mitigation

We work closely with your facility to understand your unique situation and concerns. H2E's systematic evaluation identifies potential downtime risk and failure scenarios.

After evaluation, our engineers will work with you to develop mitigating solutions based on your risk profile. Secondly, H2E implements robust, logical HMI systems to help your staff be more self-sufficient by providing logical informative display, logical systems, automated reporting, and easy-to-troubleshoot programming.

Key Services
- SCADA
- Networks
- Radio/RTUs
- Processes
  - DO Control
  - Digesters
  - Collection Systems
  - Influent Systems
  - Chemical Systems
  - Effluent System

H2E — ELECTRICAL ENGINEERING EXCELLENCE — INCORPORATED