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Field Site Support Services

HPI is uniquely qualified to perform control system Site Service support because of the depth of our experience with combustion gas turbine and steam engines. HPIs' management, engineering and design/development team were the senior level operations group of V1T Controls/HSDE, prior to their exiting the business. Our field-engineering group also hails from VTC/HSDE. As a result, our position as a support team projects is validated by a combination of our intimate knowledge of a vast array of turn key control system installations and with unrivaled familiarity with respect to Installation Supervision and Construction Site Management.

HPI can act as Sub Contractor for the complete power generation and control installation support and maintenance for gas turbine power generation or mechanical drive applications. A wealth of practical knowledge and state of the art analysis tools enable us to take on independent consultancy contracts in the field of electrical power and compressor drive systems' design and analysis. We provide our customers worldwide with a comprehensive evaluation, design, manufacturing and support/repair service.

HPIs' primary strength comes from the in-depth application knowledge of qualified automation and electrical engineers combined with a dynamic approach to project management. Many years of cumulative experience can be called upon to ensure successful delivery of trained personnel prepared to implement support, training and maintenance functions.

We apply the most up to date technology and methods to maximize the performance of all trained staff engineers, technicians and staff provided. We offer a flexible, open and understanding approach, targeted at ensuring complete customer satisfaction. This is achieved by working closely with our customers, listening to their needs and offering innovative, affordable solutions.

Explanation of Classification

Consultant Controls Engineer – Degree qualified Electronic/Control Engineer, with over 10 years of experience in the design and commissioning of Control Systems, based on at least 5 different control platform technologies. Able to carry out site surveys to identify client control system problems, and provide and develop solution strategies. Qualified to design total control systems, and to train personnel in control system design, operations, and maintenance.

Field Site Project and Construction Manager - The site Project Manager will functionally report to the corporate Project Controls Manager and have responsibility for the successful completion of the GT controls and instrumentation refurbishment project. He will be directly responsible for implementing project cost strategies and schedule planning, contracts administration and document control in compliance with corporate/project standards. He will manage project contractors and vendors, including cost engineers, planning engineers, and senior contracts administrator, along with support staff such as document controllers. Working closely with the Customer, the PM and the Engineering group, he will proactively provide leadership or support to the overall field and office administration functions, including finance and supply chain management.

Principal Controls Engineer – Degree qualified Electronic/Control Engineer, with over 5 years of experience in the design and commissioning of Control Systems, based on at least 3 different control platform technologies. Experienced and qualified to carry out first of type control system testing and commissioning. Able to design a complete control system, and to train personnel in control system design, operations and maintenance.

Senior Controls Engineer - Degree qualified Electronic/Control Engineer, with less than 5 years of experience in the design and commissioning of Control Systems, based on a particular control platform. Experienced and qualified to carry out second of type control system testing and commissioning. Able to design certain aspects of control systems. Able to train personnel in control system operations and maintenance.

Controls Installation Supervisor - At least 5 years experience of, and highly skilled in, installing and calibrating Control Systems, including control panels, instruments, conduit, cabling, junction boxes, fuel control valves etc. Able to carry out site surveys, and to produce detailed demolition and installation manuals and procedures. Trained in health and safety aspects of control system installation. Able to manage and supervise HPI installation team technicians, or the technicians of the client, or sub-contractors.

Controls Installation Technician – At least 5 years experience of, and highly skilled in, installing and calibrating control systems, including control panels, instruments, conduit, cabling, junction boxes, fuel control valves etc.

Stand-By - Does not apply for work stoppages on-site which are billed at prevailing hourly rate. Applicable when customer keeps HPI's staff on retainer to travel on

immediate notice, for Weekends and Holidays not worked on site but on Stand-By until work resumes.

Offshore / Hazardous Area - HPI reserves the right to refuse dispatch of its staff to any areas involved or threatened by warfare, and areas deemed unsafe by O.S.H.A.