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Open Position
Construction Engineer

Summary of Position

The Construction Engineer will be responsible for the management of construction contractors performing work during the execute phase of projects. Projects may range in size from small repairs to new field developments. The position is on a rotational basis with a seven day work week. Typical schedule is a two or three week rotation.

RESPONSIBILITIES:

The Construction Engineer's duties and responsibilities are as follows:

- Maintain compliance with the safety-assurance plan so that work is accomplished in an environmentally sound manner using safe work practices;
- Conduct safety observations and conversations (SOCs) to help achieve a zero-incident culture;
- Lead the "authorization to proceed" process for contractors;
- Participate in engineering package reviews during the select, define and execute phases of projects and provide constructive input to the design team;
- Support the off-site project leaders through the stage-gated process of projects;
- Support the off-site project leader and design groups in the development of functional systemization of projects for guidance on certification (GOC);
- Encourage construction and operations personnel to review design packages early in the course of projects to eliminate rework and optimize construction;
- Anticipate and resolve problems encountered in the field to eliminate costly rework or retesting;
- Ensure work is performed per plans and specifications via coordination with the Quality Assurance (QA) and Functional Checkout (FCO) groups;
- Coordinate with clients to ensure proposed construction and work methods are clearly understood and accepted and ensure agreement on environmental and safety work plans for permitting;
- Provide input into the scheduling of projects to meet the client's required deadline and maintain construction resources to acceptable levels;
- Monitor progress to ensure scheduling milestones are understood and are being met;
- Coordinate between the construction contractor and the project lead to resolve field discrepancies in design packages and material delays;
- Ensure equipment and manpower resources are being used efficiently;
- Review contractor work performance and project status updates;
- Ensure all process safety management (PSM) and management of change (MOC) requirements regarding field design modifications and scope changes are met by forwarding appropriate documentation to the Greater Prudhoe Bay (GPB) Project Leader for processing;

- Participate in a post-project appraisal review and report (lessons learned);
- Coordinate project turnover activities with the Commissioning Engineer and Quality Assurance/Quality Control and FCO Groups;
- Participate in the MOC control process;
- Administer project's management-of-no-change process for scope, schedule and budget impacts for client approval;
- Network with various client departments to ensure all appropriate permits and regulations are followed;
 - Review and approve field purchases and contractor invoices and timesheets;
 - Coordinate schedules for vendor representatives;

DELIVERABLES:

Work deliverables are items deemed necessary to manage and control project work. These deliverables will include, but are not limited to, the following:

- Document SOCs in Traction;
- Coordinate solutions between the construction contractor and the project lead to address field discrepancies in design packages and material delays;
- Deliver status reports as requested to the Project Leads;
- Create and submit weekly project narratives to the Construction Manager;
- Complete the construction portion of the project on schedule, within budget, meeting safety requirements and with appropriate quality;
- Develop plan for construction contractor's interface with on-going operations;
- Develop the Construction Plan and provide to the Project Lead to incorporate into the Project Execution Plan.

EXPERIENCE & KNOWLEDGE:

To be considered for the role of Construction Engineer, applicants must have the following qualifications:

- A minimum of a bachelor's degree in an engineering discipline or equivalent technical experience;
- Willingness and ability to work a 12-hour day/night shift, 7 days a week on a rotational basis in a remote location;
- Experience in a construction management role;
- Minimum of 8 years of construction experience in mechanical, civil and/or structural engineering disciplines;
- Demonstrated knowledge of cost control, cost reporting and project schedule management;
- Demonstrated track record of multi-project coordination with projects in varying phases of completion;
- Knowledge of commissioning turnover systems;

PREFERRED QUALIFICATIONS:

In addition to the required qualifications, the successful applicant is likely to be able to demonstrate the following:

- Knowledge of GOC process;
- Knowledge of Capital Value Process (CVP);
- Knowledge of HSE policies and procedures;

- Strong interpersonal skills with the ability to influence others in a non-confrontational manner;
- Good verbal and written communication skills;
- Good organizational skills;
- English fluency;

ANY OTHER RELEVANT INFORMATION:

Successfully interact with a wide variety of individuals in a team environment to achieve completion of the construction project;

- Spend a large portion of their time in the field on frequent site visits and job walk downs.