

Sr. Engineer (Civil)

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Company: National Petroleum Construction Company Limited

Location: abu dhabi

Category: other-general

Job Description
ROLE PURPOSE:Jobs at this level are responsible for the review of enquiry documentation and the Scope of Work and for carrying out allocated duties related to the preparation, checking and issue of Engineering deliverables. This can include site visits and close liaison with the Drafting Office Coordinator.
DUTIES & RESPONSIBILITIES:
? Design of onshore steel structures (including connection detailing for fabrication purpose wherever required) such as pipe racks, shelters, equipment supporting structures, access platforms, sheet piles, pipe supports.
? Design of concrete structures such as shallow foundations, piles, underground pits, low-rise buildings, roads, road crossings, fences, boundary walls, sewer system, pipe sleepers etc.
? Design of Underground Drainage system e.g., storm water, AOC system and detailing of the same.
? Produces civil general arrangement drawings satisfying all the design and other disciplines requirements.
? Produce structural, civil and underground layouts and details as per design and other discipline requirements.
? Preparation of civil construction scope of work (including preparation of BOQ) and performing civil bids technical evaluation.
? Preparation of basis of design and construction specifications.
? Preparation of Topographical and Geotechnical Investigation Survey SOW.
? Evaluation of geotechnical parameters from geotechnical investigation report and analyzing geotechnical problems.
? Preparation of structural steel materials requisition including technical evaluation of offers.
? Performing site visits and detailed surveys of existing facilities and preparation of site visit report for input to project work.
? Providing all necessary input to draftsmen (w.r.t. civil, structural and underground designs) and verifying drawings.
? Performing work to ISO requirements as well as company and client procedures.
? Good

usage and familiarity of state-of-the-art design software's as prescribed in Minimum requirements.? Working in muSkills RequiredMINIMUM REQUIREMENTS:• B.Sc Civil Engineering, preferably with Master degree in Civil-Structural Engineering from a well-recognized university• Strong technical background in structural analysis and design (concrete and steel) with good knowledge of geotechnical engineering. • 10 years of experience in design and detailing out of which minimum 6 years experience in oil and gas / industrial type structures. • Familiar with international standards such as ACI, BS, BS-EN (Eurocode), AISC, etc. • Conversant with STAAD-Pro, MAT-3D, Foundation-3D and other design softwares. • Strong knowledge of state of the art softwares. • Good supervisory skills• Conversant with Microsoft office softwares. • Capable of working in a state of the art engineering office for an EPC contractor where quality deliverables have to be issued in a short time. • Good command of written and spoken English languages.

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