

Senior HVAC Engineer

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Company: MPH Global

Location: Doha

Category: architecture-and-engineering

We are looking for **Senior HVAC Engineer** for one of our clients with the following details:

Start date: 01-MAY-2024

End Date: 31-DEC-2026

Location: Doha

Work status: Resident, Single

ACTIVITIES

Ensure and promote the application of COMPANY HSE and Safety Engineering rules and specifications.

Ensure that contractors comply at all times with safety rules, taking actions as required in case of disregards.

Promote safety culture within COMPANY personnel and contractors as well as reporting of anomalies. Prepare / review the HVAC engineering documents, which includes but not limited to:

Conversant with P&IDs, should be able to identify HVAC sub-systems

Conversant with HVAC Flow Diagram, should be able to reconcile air flow rates with HVAC cooling capacity calculation

Conversant with room internal over-pressure concept

Familiar with various HVAC systems, i.e. ACCU, SWCCU, water chillers, etc.

Conversant with functionality/design criteria of following HVAC sub-systems:

AHU

Air Condenser / SW condenser

Evaporator

Compressor

Fire Dampers

Should also have basic knowledge of instrumentation components used in HVAC

Familiar with international HVAC standards

Basic knowledge of piping and/or material metallurgy selection, especially for Seawater system

In addition, for the condensing unit skid retrofit projects the candidate should have some experience in such retrofit where temporary / back-up system needs to be deployed to enable replacement of the skid (this will be part of the constructability study)

Define, specify and carry out necessary technical studies in order to propose robust and optimized technical solutions.

Prepare scope of work, cost estimates, budgets, and technical dossiers for CFTs packages for HVAC related activities.

Plan and organize the supervision of the offshore site survey to ensure technical compliance of the contractors with the Contract/Frame Agreement.

Lead the technical review of the bidders' proposals and prepare technical recommendations accordingly.

Review & Comment Vendors deliverables, interpret facilities engineering drawings, designs and make necessary recommendations.

Follow-up Purchase Orders of HVAC equipment to ensure timely approval, conformity of

design & participates in technical reviews and FAT with Vendors.

Plan and conduct KOM with contractors, JRA/work permits meetings in relation with Brownfield projects.

QUALIFICATIONS & EXPERIENCE

Minimum Qualification: Degree in Mechanical Engineering.

10 years plus experience in HVAC systems for the offshore Oil and Gas Upstream facilities preferably in Design offices, Construction and/or in Operating Companies.

Sound experience in Brownfield projects and HVAC systems retrofit.

Good sense of team spirit leadership, strong interpersonal & soft communication skills.

Ability to adapt to changes in an environment of continuous improvements.

Able to keep discipline and resolve conflict.

Fluent in English - Verbal and Written.

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