

Lead Mechanical Engineer - HVAC

Job Information Pack

Job Title	Lead Mechanical Engineer
Location	Riyadh, Saudi Arabia

The Role

Omrania is looking for a Lead Mechanical Engineer (HVAC) able to lead entry level team of design engineers and Revit modular in the design, drafting of HVAC services for a variety of project types such as office, residential, hospitality, commercial and retail, etc., from initial concept to final design and tender documentation level. The role may also require short term supervision and inspection of mechanical systems installations during the construction stage. We need someone who holds A Bachelors or higher in mechanical engineering, with a minimum of 10 years' experience in the design of HVAC systems for large scale building projects, and with at least 3 years of experience in the Middle East.

Responsibilities

- Leading and supervising the activities of mechanical building services to ensure the proper interpretation of project briefs and client requirements, development of designs, and preparation of construction documentation.
- Ensuring that the mechanical services designs are properly conducted starting from cooling load calculations along the other technical calculations and equipment selection up to prepare tender documents in full coordination with other design disciplines.
- Ensuring the completeness and quality of the output of mechanical services design teams.
- Preparing and completing the work in accordance with established project design schedules.
- Proposing HVAC systems suiting the project nature and formation of its spatial requirements.
- Coordinating with Client, stakeholders, external providers, architects, and engineering disciplines.
- Preparing a technical reports applicable to the proposed HVAC system.
- Occasionally inspecting and supervising of mechanical systems installations during the construction stage and prepare a technical report accordingly.
- Preparing the different projects' specifications.

Requirements

Suitable candidate will have:

- A Bachelors or higher degree in mechanical engineering
- A minimum of 10 years' experience in the design of HVAC systems for large scale building projects including residential, Hospitality, commercial, Culture & Arts, recreational, educational, high rise building, retails, Science & Technology, healthcare and mixed-use developments with at least 3 years of experience in the Middle East. Experience and capabilities in LEED is an advantage.
- Good experience of team leading and supervising the design activities of mechanical building services.
- Good Communication skills with Clients, in-house, and external entities including the presentation and technical report production.
- Good knowledge of HVAC systems and services for a variety of building types, with a clear understanding of the relationship and coordination requirements between mechanical services and architectural and other engineering design disciplines in complex projects.
- Good knowledge of international standards and codes of practice for mechanical engineering, and be familiar with quality assurance/quality control procedures applicable to design activities.
- Good knowledge of using the different technical software's such as Elite, HAP, Naviswork, AutoCAD and different Equipment's selection software.
- Very good in English technical writing and oral skills.
- High level of proficiency in the use of Revit is an advantage.

Compensation & Benefits

- Competitive Salary
- Family Status
- Health Insurance
- Annual Vacations
- Annual Plane Tickets
- Training

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How to Apply

Qualified candidates are requested to email their CVs to jobs@omrania.com.sa, stating the required job position in the subject line of the email.