



**United Nations Assistance Mission for Iraq (UNAMI)**  
**INTERNAL\EXTERNAL VACANCY ANNOUNCEMENT**

<b>Job Opening No.</b>	<b>193359</b>	<b>Deadline</b>	<b>02/11/2022</b>
<b>Post Title</b>	<b>Engineer</b>	<b>Level</b>	<b>NO-C</b>
<b>Organizational Unit</b>	<b>Engineering Section</b>	<b>Location</b>	<b>UNAMI, Baghdad</b>
<b>VA date:</b>	<b>19/10/2022</b>		

**DUTIES AND RESPONSIBILITIES**

Under the overall guidance and supervision of the Senior Project Engineer, the Engineer (Mechanical) will be responsible for the following functions:

**1- Administration:**

- Applies commonly used engineering calculations, practices and precedents in completing portions of larger projects related to the design, construction, or repair of buildings, roads, bridges, airfields, helipads, docks, waste disposal systems, flood control systems, water treatment facilities, electrical power generation and distribution systems, environmental control systems, field defense, mine detection and clearance, and other related structures and activities in the field.
- Prepares reports and other associated engineering related information, for progress reporting, and special reports for quality, cost or schedule variances, etc.
- Drafts responses to both internal and external audit observations on engineering tasks and activities in the mission.
- Coordinates specific work projects with other units in the section, as well as with other sections.
- Helps Engineering project team to apply sustainable/environmental design technics, during design development process.

**2- Planning and Design:**

- Performs and prepares design, calculations, drawings, scope of works, and bill of quantities for all HVAC systems, ERV (Energy recovery ventilation) systems, sanitary systems, plumbing systems, water and wastewater hydro-mechanical treatments and systems, water disinfection systems, Irrigation systems, hot and cold water pipelines systems, solar water heaters, sewer lines systems, elevator/lift systems, fuel stations and equipment, sprinkler fire fighting, fire suppression and protection systems, environmental machine and waste management systems, and other mechanical and hydro-mechanical engineering-related systems.
- Contributes to the development of annual engineering budgets and associated work schedules, based on engineering resource planning, taking into account all required engineering material needs and selected enabling capacities (e.g. military engineering units, commercial contractors, mission support teams, or mission engineering staffing) for the most effective and efficient execution of the engineering workplans.
- Monitors actual costs and schedule performance against the approved budget and baseline schedules, and provide feedback to contract management and procurement sections.
- Provides guidelines, monitor, and ability to conduct the technical evaluation.

- Conducts preliminary site investigations to obtain field data such as soil characteristics, drainage and other data required for building site selection. Develops technical data regarding materials, sizes, dimensions, and quantities and costs to be incorporated in formal specifications
- Liaises with other engineers and mission specialists responsible for related specialized phases to arrive at mutually satisfactory approaches to problems by exchanging and comparing data.

### 3- Implementation:

- Oversees mechanical engineering-related works during project implementation making sure that the works are being implemented strictly in accordance with the SOWs/Specifications and other related contract documents
- Provides expert technical advice on technical documents and overall policies, procedures and guidelines pertinent to the mission's engineering activities, taking into account quality management and risk management best practices.
- If applicable, fully support with limited staffing during the mission start-up and liquidation phases, the site selection/assessment process and asset disposal process, respectively.
- Performs other related duties as assigned by the Chief of Section/Unit, Engineering.

## QUALIFICATIONS AND EXPERIENCE

**Education:** Advanced university degree (Master's degree or equivalent) in Civil Engineering, Electrical Engineering, Mechanical Engineering, Architecture or related appropriate area is required. A first-level university degree in combination with two additional years of qualifying experience may be accepted in lieu of the advanced university degree.

**Experience:** A minimum of five (5) years of progressively responsible experience in mechanical engineering projects management and design including HVAC, ERV, sanitary, plumbing, water and wastewater hydro-mechanical, Irrigation, water pipelines, water heaters, sewer lines, elevator/lift, fuel stations, fire systems, environmental machine, and other mechanical engineering-related systems is required.

Previous experience within the field missions in the relevant areas is desirable.

**Language:** English and French are the working languages of the United Nations Secretariat. For the position advertised, fluency in English and Arabic is required.

### Job Specific Qualifications

Professional knowledge in one of the design-related software including AUTOCAD, Revit or Adobe Pro is required.

Professional knowledge of Microsoft Office applications including MS Project, MS Excel, and MS Word is desirable

## UN CORE VALUES AND COMPETENCIES

**Professionalism:** Knowledge of methodologies for project planning, execution and evaluation of engineering compliance standards and proven ability in analytical work. Broad knowledge and skills in using design criteria, specifications, and other relevant international codes for mechanical design.

Knowledge of buildings and engineering, renovation and constructions projects. Proven ability to supervise technical teams required. Shows pride in work and in achievements. Demonstrates professional competence and mastery of subject matter. Is conscientious and efficient in meeting commitments, observing deadlines and achieving results. Is motivated by professional rather than personal concerns. Shows persistence when faced with difficult problems or challenges; remains calm in stressful situations. Commitment to implementing the goal of gender equality by ensuring the equal participation and full involvement of women and men in all aspects of work.

**Teamwork:** Works collaboratively with colleagues to achieve organizational goals. Solicits input by

genuinely valuing others' ideas and expertise. Is willing to learn from others. Places team agenda before personal agenda. Supports and acts in accordance with final group decision, even when such decisions may not entirely reflect own position. Shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

**Planning & Organization:** Proven ability to plan and organize own work and that of others. Ability to juggle competing demands and work under pressure of frequent and tight deadlines; Develops clear goals that are consistent with agreed strategies; Identifies priority activities and assignments; Adjusts priorities as required; Allocates appropriate amount of time and resources for completing work; Foresees risks and allows for contingencies when planning; Monitors and adjusts plans and actions as necessary; Uses time efficiently.

**Managing performance:** Delegates the appropriate responsibility, accountability and decisionmaking authority. Makes sure that roles, responsibilities and reporting lines are clear to each staff member. Accurately judges the amount of time and resources needed to accomplish a task and matches task to skills. Monitors progress against milestones and deadlines. Regularly discusses performance and provides feedback and coaching to staff. Encourages risk-taking and supports creativity and initiative. Actively supports the development and career aspirations of staff. Appraises performance fairly.

### APPLICATIONS

This job opening is advertised on the United Nation Secretariat's talent management platform, Inspira. To submit an application, click "Apply Now" after following this link:

<https://careers.un.org/lbw/jobdetail.aspx?id=193359&Lang=en-US>

Only applications submitted through Inspira will be considered for this job opening. Applicants must have an Inspira account to create and submit applications. Staff members are assigned an employee account upon appointment with their index number as the User ID. Other applicants may create an account.

For guidance on building and submitting applications, refer to the "Applicant Guide" available on the "Manuals" page. To access this page, click "Manuals" on the top of the Inspira homepage after logging into your account.

The necessity for ensuring the highest standards of efficiency, competence and integrity remain the paramount considerations in the employment of personnel. To ensure fairness and transparency, selection will be made on a competitive basis through a selection panel.