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## **JOB POSTING DETAILS**

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<b>Posting Title:</b>	<b>Associate Engineer, NO-B</b>
<b>Job Code Title:</b>	<b>Associate Engineer</b>
<b>Opening Number:</b>	<b>UNMHA-2021-NJO-019</b>
<b>Department/Office:</b>	<b>The United Nations Mission to Support the Hudaydah Agreement</b>
<b>Location:</b>	<b>Multiple Duty stations (Hudaydah/ Sana'a, Yemen)</b>
<b>Type of Contract:</b>	<b>Fixed Term Appointment</b>
<b>Duration of Contract:</b>	<b>One year</b>
<b>Posting period:</b>	<b>4 – 18 May 2021</b>

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**United Nations Core Values: Integrity, Professionalism, Respect for Diversity**

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### **Special Notice:**

The United Nations Secretariat is committed to achieving 50/50 gender balance in its staff. Female candidates are strongly encouraged to apply for this position.

### **Org. Setting and Reporting:**

This position is located in the Office of Chief of Mission Support of the Office of United Nations Mission to Support the Hudaydah Agreement (UNMHA). The Associate Engineer will be based in Sana'a /Hudaydah and will report to Chief Logistics Officer / Engineering and Facilities Management through the Engineering Technician in Sana'a/ Hudaydah.

### **Responsibilities:**

The Associate Engineer is responsible for applying standard engineering practices and precedents in the design, construction, maintenance, repair and liquidation of structures, facilities and systems required for field missions

Within delegated authority, the Associate Engineer will apply professional engineering knowledge and expertise in the performance of the following duties:

#### 1. Planning and Design:

- 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, waste disposal systems, flood control systems, water treatment facilities, electrical power generation and distribution systems, environmental control systems, field defenses, mine detection and clearance, and other related structures and activities in the field.
- Conducts preliminary site investigations to obtain field data such as power source, water supply drainage and other data required for building site selection.
- Prepares design layouts for smaller or less complex portions of buildings and facilities.
- Plans and designs upgrades of PV and MEP systems
- Produces cost data and estimates on engineering-related requirements of current and planned field missions. Participates in budget projections.
- Completes architectural and engineering drawings using AutoCAD software. Where necessary, visits work sites for inspection of site conditions and/ or for taking of measurements.
- Converts old/ historical drawings to AutoCAD files liaising with GIS office as and when appropriate in providing a consolidated mission wide reference source for maps and layouts.
- Maintains and controls any request for copies of architectural, structural, electrical and mechanical plans.

#### 2. Implementation:

- Develops technical data regarding materials, sizes, dimensions, and quantities and costs to be incorporated in formal specifications.
- Diagnoses problems and develops solutions for underperforming or defective engineering equipment or systems and/or buildings and infrastructure.
- Analyzes project proposals to ensure technical feasibility and to ensure that project objectives are attainable within the prescribed resources.
- 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.
- Undertakes research to gather information related to engineering projects.
- Prepares engineering presentations using advances in technologies.
- Evaluates technical proposals from bidders/vendors for solicitation processes.
- Provides where possible recommendations for improvement to current Unit workflows/processes and implement (in coordination with respective unit staff).
- Applies standard engineering practices & precedents in construction, maintenance & repairs of installations, structures and facilities.
- Performs other duties as required.

### **Core Competencies:**

**Professionalism:** Ability to perform a broad range of administrative functions, e.g., human resources, database management, etc. Ability to explore and extrapolate data retrieved from multiple sources and demonstrate capability to analyze and provide inferences; Ability to apply knowledge of various administrative, financial and human resources rules and regulations in work situations; 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. Takes responsibility for incorporating gender perspectives and ensuring the equal participation of women and men in all areas 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.

**Technological Awareness:** Keeps abreast of available technology; Understands applicability and limitations of technology to the work of the office; Actively seeks to apply technology to appropriate tasks; Shows willingness to learn new technology.

### **Education:**

Advanced university degree (Master's degree or equivalent) in Civil/Electrical/Mechanical Engineering, Architecture or another related field. A first-level university degree in combination with minimum two (2) years qualifying experience in related fields may be accepted in lieu of the advanced university degree.

### **Work Experience:**

A minimum of two (2) years of progressively responsible experience in engineering or related areas. Additional experience in design of sustainable power generation is desirable.

### **Languages:**

English and French are the working languages of the United Nations Secretariat. For the position advertised, fluency in English and Arabic (both oral and written) is required.

### **Assessment Method:**

Evaluation of qualified candidates may include an assessment exercise which will be followed by competency-based interview.

### **United Nations Considerations:**

The United Nations shall place no restrictions on the eligibility of men and women to participate in any capacity and under conditions of equality in its principal and subsidiary organs. (Charter of the United Nations - Chapter 3, article 8). The United Nations Secretariat is a non-smoking environment.

**No Fee:**

THE UNITED NATIONS DOES NOT CHARGE A FEE AT ANY STAGE OF THE RECRUITMENT PROCESS (APPLICATION, INTERVIEW MEETING, PROCESSING, OR TRAINING). THE UNITED NATIONS DOES NOT CONCERN ITSELF WITH INFORMATION ON APPLICANTS' BANK ACCOUNTS.