
JOB POSTING DETAILS

Posting Title:	Associate Engineer, NO-B
Job Code Title:	Associate Engineer
Opening Number:	UNMHA-Hudaydah-2019-NJO-022
Department/Office:	The United Nations Mission to Support the Hudaydah Agreement
Location:	Sana'a, Yemen
Type of Contract:	Temporary Appointment
Duration of Contract:	Six months with possible extension
Posting period:	29 September – 5 October 2019

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

Special Notice:

This position is being advertised for advance planning purposes pending formal approval of the relevant funding and staffing structures for a duration of 6 months. An appointment may be terminated, or post level adjusted in accordance with the Staff Rules for such reasons as abolition of post or reduction of staff or committee funding approvals, for example in the event that the funding for the post is not approved or the mandate of the mission is not extended.

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 and will report to the Chief Logistics Officer in 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 restoration of buildings, roads, bridges, airfields, helipads, railways, docks, 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 soil characteristics, drainage and other data required for site selection.
- Prepares design layouts for smaller or less complex portions of buildings and facilities.
- Design power generating systems based on operational loads.
- Prepares reports on environmental risk assessment.
- 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 and scopes of work regarding materials and methods, sizes, quantities and costs to be incorporated in formal specifications.
- 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.
- Undertakes research on power production and consumption on existing systems.
- Assists in budgeting for engineering and maintenance 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).
- Performs other duties as required.

Competencies:

Professionalism: Ability and experience across a broad range of administrative functions, which should include budget/work programme, human resources and database management; Knowledge and application of the UN systems and Staff Regulations and Rules; A high degree of commitment to ensure the proper use of the Organization's resources; Proven capability to put all the above knowledge to work, working, independently with a high degree of responsibility; 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.

Planning and Organizing: Develops clear goals that are consistent with agreed strategies; Identifies priority activities and assignments and 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 and uses time efficiently.

Creativity: _ Actively seeks to improve programmes or services; Offers new and different options to solve problems or meet client needs; Promotes and persuades others to consider new ideas; Takes calculated risks on new and unusual ideas; thinks "outside the box"; Takes an interest in new ideas and new ways of doing things; Is not bound by current thinking or traditional approaches

Education:

Advanced university degree (Master's degree or equivalent) in Civil/Electrical/Mechanical engineering, architecture or other related field. A first-level university degree in combination with qualifying experience may be accepted in lieu of the advanced university degree.

Work Experience:

A minimum of eight (8) years of progressively responsible experience in engineering or related areas.

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 may 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.