



IOM International Organization for Migration  
المنظمة الدولية للهجرة

Position Title: **Consultant Design Engineer**  
Organizational Unit: **Technical Engineering Unit**  
Duty Station: **Iraq - Erbil**  
Type of Contract: **Sub-Contracting (Stars & Orbit)**  
Grade: **Equivalent to NOA (Part Time)**  
Duration of Appointment: **Six (6) months with possibility of extension**  
Closing Date: **August 22, 2018**  
Reference Code: **SVN2018/IRQ/132**

### **Context:**

Under the overall supervision of the IOM Chief of Mission and direct supervision under Technical Engineering Unit Manager, the successful candidate will be responsible and accountable in ensuring his /her design engineering consultancy duties and responsibilities encompasses all rounded skills, knowledge and expertise in civil, building, structural and infrastructure including basic engineering review skills in mechanical and electrical and plumbing design performed efficiently in accordance to TOR mentioned below to achieve IOM Iraq mission objectives.

### **Core Functions / Responsibilities:**

1. Overseeing the implementation of effective use of civil design, structural M&E and plumbing design software tools (SAP2000, ETAB, STAAD Pro, Safe) basic review knowledge in MEP Revit programs) in all facet of engineering project to ensure that the project scope, conditions of contract in the agreement to the fullest extent;
2. Shall be able to perform his / her duties as independent design consultant working hours specified by IOM (15 hr. per week / 60 hr. per month);
3. Should be able to conduct effective review and analyze and supervise IOM design engineers design drawings in corrective actions when necessary;
4. Should take lead role in the design supervisions during the development and during construction life cycle by overseeing design QA/QC practices are put in place;
5. Capable of supervising IOM national design engineers in the dissemination international standard design drawings in conformance to UBC, IBC codes of practices and providing in house capacity building training when necessary;
6. Design consultant should be capable to perform detail design calculations, design reviews in design software's, share and auditing IOM and contractor engineers work in the review and approval of building plans before publication and ready for tender;
7. Take lead in assisting head of engineering unit supervising engineering unit to deliver within timeline design and construction documents for tender;

8. Shall be capable to carry out on site (project site) technical and engineering assessment and surveys when any project discrepancies were identified during QA/QC inspection in project location(s) throughout Iraq region;
9. Competent technical report writing, presentation and overall management skills and expertise in necessary;
10. Report to head of engineering, unit and regularly coordinate with program manager (s) and its construction management project officers to oversee and supervise design related matter in office and during construction;
11. Regularly advise Sr. head of technical engineering unit any technical, contractual, and non-technical matters pertaining to design, supervision and resolution when arises;
12. Promote and conduct in project level coordination meetings with IOM design engineers, partners, contractors, and donors (when necessary) and oversee project design records are maintained updated regularly by TEU project assistant in archives for retrieval and dissemination;
13. Participate in technical advancement and capacity building IOM engineers in design and construction management;
14. Capable, understand and evaluate construction BOQ, technical specification is in line with design and construction documents and national Iraqi codes of practices;
15. Contribute in the publication of design related materials and reference manual for engineers (if necessary);
16. Should be able to travel outside duty station upon request by program managers and QA/QC engineers for project related work inspection;
17. Any other project duties as requested by Sr. head of engineering unit and program managers.

### **Education/Experience:**

- Master's degree or University degree in civil, structural and infrastructure engineering.
- Relevant skills and knowledge in overseeing national design engineering projects (highly necessary). Proven record in consultancy experience with local, government and or international companies engaged in design is highly recommended.
- Minimum 2 years professional practicing experience with PE (professional engineer) certification necessary in civil, structural, infrastructure and basic knowledge in MEP projects. Submit with application typical projects in SAP2000, ETAB, STAAD Pro, Safe). Basic knowledge in Project management software's, AutoCAD, MEP software's (advantages). Working experience in humanitarian projects is an added advantage
- Excellent communication skills, team player spirit, report writing, presentation and people's skills highly regarded.
- Understanding and tolerant to complex social-political religious, cultural environments are necessary. Drive for results with effective resource management skills. Ability to work under extreme pressure in difficult conditions while maintaining security awareness.
- Flexibility and focus on processes and their improvements.
- Ability to work effectively and harmoniously with colleagues from varied cultures and profession through knowledge in English (spoken, written, and reading skills).

**Language:**

- Good English written and spoken skills mandatory, Arabic and Kurdish any other language is an assist.

**How to apply:**

Interested candidates are invited to submit their applications via a link:

<http://iomiraq.net/vacancies/consultant-design-engineer>

In order for an application to be considered valid, IOM only accepts online profiles duly completed. Only shortlisted candidates will be contacted.

**Posting period:**

From 08.08.2018 to 22.08.2018