

Title	Road Structure Design Engineer
Vacancy Number	MoT/NRA/SRTAP/99 - 018
Ministry	Ministry of Transport (MoT)
Organization	National Road Authority (NRA)
Project	Sustainable Reform & Technical Assistance Project (SRTAP)
Duty Station	Afghanistan
City	Kabul
Duration	1 Year's With Possibility of Extension
No of Jobs	1
Nationality	Afghan
Sex	Male/Female
Salary Range	According to NTA Salary Scale (C)
Announcing Date	15/April/2020
Closing Date	28/April/2020
Job Type	Engineering
Shift	Full Time
Job Status	Sourcing
Experience	5 Years

Background:

The Ministry of Transport (MoT) is responsible for the planning, monitoring, maintenance and development of the various transport infrastructure projects such as Roads, Bridges, Culverts, Railway and Airport in the government of the Islamic Republic of Afghanistan. Therefore, to enhance the capacity to strengthen its ability to deliver effective, efficient and transparent services in MoT the Human Resource Directorate wishes to recruit the following staff on contract basis from development Budget for the Ministry of Transport.

Scope of Work/Job Summary:

The Road structure Design Engineer works under the overall guidance of Sr. Engineer and Sr. Road Design Engineer. The Road structure Design Engineer is responsible for all designs and technical documentation produced by the technical Unit, and specific designs and reviews structure work design, drawings, specifications, and work methodologies according to American Associate of State Highway and Transportation Official AASHTO and Ministry of Transport Design standards.

Duties & Responsibilities:

Under the overall guidance of the Deputy Ministry, the Road Structure Design Engineer will work closely with the technical and project support team to provide the necessary technical expertise for the structure of the road design, implementation, ensuring compliance of quality assurance, specifications, and work methodologies as per ASHTTO Standards, including MOT and construction contract requirements. The Road Structure Design Engineer responsibilities include, but are not limited to:

- Responsible for the output of road structure design, its performance, and supervision of the staff in the Unit.
- Review and provide advice on technical specifications to ensure adherence to AASHTO standards
- Review the contractor road structure design to ensure adherence to AASHTO and MOT standards.
- Ensure all bridge, culvert, wash ways, retaining walls and protection wall designs are completed to the highest standards, based on provided initial survey data
- The preparation of BoQs and technical documentation in accordance with the MOT standard.
- In collaboration with the Surveyors and Regional Engineers and Road, engineers advise on the appropriate location for bridge/culvert, retaining wall and protection walls construction by consideration of hydrology study.
- Assist the QA/QC and Regional Engineers with monitoring the work of the contractor.
- Review QA/QC site visit and materials testing reports to ensure sampling, testing and inspection of materials are carried out regularly and works are implemented in compliance with design specifications.
- Monitor the construction of foundations of bridges and Road structures.
- Ensure QA/QC Engineers are undertaking safe bearing pressure tests.
- Review and endorse any design changes that are processed by the Regional Engineer.
- Provide technical advice and assistance to contractors to ensure that good quality materials are purchased.
- Monitor the implementation of the works by conducting site visits and provide guidance for improvement and good results.
- Perform any other duty in line with this TOR as requested by the Sr. Structure Engineer

Skills & Competencies:

- Leadership quality and interpersonal skill.
- Willingness to work long hours when required and is able to work under time pressure.
- Strong communication and interpersonal skills, ability to work with high levels staff and functions within the organization.
- Ability to work independently and as part of a team, accept responsibility, and be extremely discrete with sensitive information.
- Must have the ability to work effectively in a fast-paced, stressful environment. In addition, must be flexible and willing to perform other duties.
- Good working knowledge of English, both written and verbal is essential. Fluent in Dari and Pashto.
- Working knowledge of Civil Engineering Software's
- Highly motivated individual, who demonstrates self-initiative and is able to work under pressure.
- Highly knowledgeable in the practical application of technical requirements of road and bridge construction projects.
- Able and willing to travel to provinces within Afghanistan, including volatile and insecure areas.
- Motivation/Self Reliance
- Team Work Ability
- Have a good knowledge of relevant studies and Design Software.
- Knowledge in innovative technology and systems.
- A good team player with ability to work in a very challenging environment.
- Relevant long-term experience, knowledge of the same assignment.
- Excellent computer competence, including experience with AutoCAD, Civil 3D, CSI
- Bridge, SAP, STAAD, and other engineering software
- Be able and willing to travel to all provinces within Afghanistan, including insecure and volatile areas.

Job Requirements:

- Bachelor's degree Civil Engineering or Civil Engineering with 5 years relevant experience.
- Master Degree in Civil Engineering or related field with 3 years relevant experience
- 5 years of relevant experience with governmental organizations, Ministries, Independent Directorates, UN Offices or International NGOs.
- Minimum 2 years progressively responsible experience in Structure Implementation.

Required Documents:

- Copy of verified Bachelor Degree by Ministry of Higher Education
- Copy of verified Master degree by Ministry of Higher Education
- Copy of verified Afghan ID Card (Tazkera)
- Copy of verified last Posting Contract
- Certificate's and Appreciation Letter's

Submission Guideline:

Interested candidates are requested to forward their applications and detailed CV to mot.vacancies@gmail.com , kindly indicate the vacancy number (**MoT/NRA/SRTAP/99-018**) and the post title (**Road Structure Design Engineer**) in the subject line when applying by email. To the **Human Resource Unit – Sustainable Reform and Technical Assistance Project of Ministry of Transport** Kabul Afghanistan.

Office Add: SRTAP Office, NRAP Building, Kabul Jalalabad Road, In front Of KMTC, Ministry Of Transport, Kabul Afghanistan.

Only short-listed candidates will be notified

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