

Title	Road Maintenance Engineer
Vacancy Number	MOPW/SRTAP/1400-14
Ministry	Ministry of Public Works
Organization	Road Maintenance Directorate
Project	Sustainable Reform & Technical Assistance Project (SRTAP)
Duty Station	Afghanistan (Various Provinces)
Duration	1 Year (with possibility of extension)
No of Jobs	5
Nationality	Afghan
Sex	Male/Female
Salary Range	According to NTA Salary Scale (D-5)
Announcing Date	03/May/2021
Closing Date	15/May/2021
Job Type	Engineering
Shift	Full Time
Experience	+5 years

Background:

The Ministry of Public Works (MoPW) is responsible for the planning, design, procurement, implementation, monitoring, and maintenance of the various transportation infrastructure projects such as roads, bridges, and its relevant drainage and retaining/protection structures 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 MPW the Human Resource Directorate wishes to recruit the following staff on contract basis from development Budget for the Ministry of Public Work (MoPW)

Scope of Work/Job Summary:

MoPW is looking to recruit a Road Maintenance Engineer with extensive experience in a wide range of civil construction activities including, but not limited to, building, maintenance, and repair of roads, bridges, drainage structures, retaining walls, and building systems. The incumbent must have a thorough understanding of the international and local design and construction codes/regulations/standards. The incumbent will function as a member of the operation and maintenance team where He/She provides technical inputs and Supports technical and engineering personnel with project support duties.

The potential candidate will remain active through all project phases and should work in close coordination with the senior management in MPW. He/ She must directly report to the Senior Engineers/Consultants of the team.

The road maintenance engineer will carry out the following

Duties & Responsibilities:

- Have ability to plan and schedule the highway/road maintenance programs reflect the MoPW general plan.
- Coordinating the highway/road patrolling on regular bases especially the main major highways connections and prepare report if any maintenance needed.
- Responsible for the technical survey like length of road, numbers of link road, gaps, numbers of structure, existing road condition, Traffic volume, GPS, etc. for selection of routine maintenance road.
- Support on selection process of Maintenance Assistance for routine supervision of routine maintenance road from the locals. and periodic maintenance
- Overall responsible for QA/QC of routine maintenance and periodic work at regional level.
- Monitor the implementation of the works by conducting site visits and provide guidance for improvement and good results.
- Excellent experience in highway/road maintenance both geometric, pavement and all maintenance related issues (asphalt, concrete or any type).
- Have clear concepts of highway/road design to predict the hazards and any station.
- Have good knowledge of heavy machinery management and centralizing.
- Have good knowledge of program management in terms of coordinating and leading the road maintenance heavy and light machinery and equipment.
- Initiate, manage and implement the routine maintenance of paved and unpaved rural roads.
- Initiate, manage and implement the Periodic maintenance of paved and unpaved rural roads.
- Have concepts of hydrology to assess the catchments area and hydraulic parameters for all existing and proposed drainage provisions to prevent hazards.
- Have a good knowledge to use the available data on topography (topographic maps, stereoscopic aerial photography), storm duration, rainfall statistics, top soil characteristics, vegetation cover etc.
- To ensure that assessment of the load carrying capacity or rating of existing bridges have been carried out to ensure they are safe for the design axle load to prevent damages.
- Review geotechnical investigation requirements of highways (bridges and culverts) of any MoPW project if required.
- Have ability to prepare and check engineering designs, details, estimates, plans, and specifications
- Examines and checks project plans and specifications for compliance with various codes and regulations to assure good structural practices and to determine errors in design or construction.
- Providing civil engineering technical assistance, roads asset data management and support to the Roads team
- Supporting the team by managing hazard / condition inspections of assets, identifying defects, prioritizing works and arranging repairs
- Providing assistance with the implementation, operation and maintenance of the asset management system
- Inspection of subcontractor's work & planning to ensure the project is delivered in accordance with the plans of specification.
- To carry out any task given by immediate manager.

Skills & Competencies:

- High field-oriented capacity for quality delivery management of periodic and routine maintenance.
- Be able and willing to travel to all provinces within Afghanistan, including insecure and volatile areas.

- Have excellent experience of GPS to identify the highway/road damaging and risky areas.
- Able to maintain good team cohesion for knowledge sharing and on time delivery.
- Demonstrated ability to training and build capacity of Provincial engineer and counterparts.
- Proven knowledge of road construction.
- Working knowledge of MS Office packages (MS Project especially), with advanced Excel skills
- Excellent English skills, both written and verbal. Fluent in Dari and Pashtu, both written and verbal.
- Proven organizational, negotiation and problem-solving skills.
- Is able to demonstrate attention to detail and patience.
- Ability to overcome challenges and work in difficult work environments/conditions.

Job Requirements:

- Bachelor in Civil Engineering, transportation or similar discipline with 5 years of experience in relevant field, preference given to masters in similar filed.
- Possession of personal computer installed with MS Word, Excel, and PowerPoint
- Knowledge and experience of inspection and condition rating of asphalt, concrete, and DBST pavements
- Knowledge of standard practices of Maintenance and Road construction
- Able to travel to the Province in their zone and work as part of a team
- Physical fitness and able to travel and complete inspection procedure

Required Documents:

- Copy of verified Bachelor Degree by Ministry of Higher Education
- Copy of verified Afghan ID Card (Tazkera)
- Copy of verified last Posting Contract

Submission Guideline:

Interested candidates are requested to forward their applications and detailed CV to mopw.vacancies@yahoo.com, kindly indicate the vacancy number (**MoPW/SRTAP/1400-14**) and the post title (**Road Maintenance Engineer**) in the subject line when applying by email. To the **Human Resource Unit – Sustainable Reform and Technical Assistance Project of Ministry of Public Work** Kabul Afghanistan.

Office Add: SRTAP Office, Kabul Jalalabad Road, In front of KMTC, Ministry of Public Work, Kabul Afghanistan.

Only short-listed candidates will be notified