

Title	Quality Assurance Engineer
Vacancy Number	MoPW/SRTAP/RAMS/1400-07
Ministry	Ministry of Public Works
Organization	Road Asset Management Unit
Project	Sustainable Reform & Technical Assistance Project
Duty Station	Afghanistan (Various Provinces)
Duration	1 Year (with possibility of extension)
No of Jobs	40
Nationality	Afghan
Sex	Male/Female
Salary Range	According to NTA Salary Scale (Grade-C)
Announcing Date	29/April/2021
Closing Date	09/May/2021
Job Type	Engineering
Shift	Full Time
Job Status	Sourcing
Experience	Specific 3 years, General 6 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.

The Quality Assurance Directorate (QAD) is responsible to assure and verify that the roads construction works are being produced by the contractor meets the requirements of contract documents such as; design drawings, technical specification, quality management strategy, quality assurance plan, quality control plan, health and safety management plan, social and environmental management plan, gender action plan and etc.

Scope of Work/Job Summary:

The Quality Assurance Engineer will be responsible for creating, executing and implementing the project QA Plan; managing the QA team and monitoring the site quality, documentation of the process in accordance with contract specifications, documents deviations from the contracts and provide plans to rectify contract deviations.

Duties & Responsibilities:

- Take efficient and appropriate ways to improve the Quality Assurance in relevant project.
- Evaluate Contractor's Quality Control Engineers.
- Check and review Quality Assurance related documents for invoices.
- Regulate and attend educational workshops for Quality Control staff's capacity building.
- Timely Inspection and visit work fields, Contractor's offices, and site laboratories to improve quality.
- Site Lab Engineers and Technicians evaluation (Apprising Quality Assurance Zone Manager or Quality Control Directorate before evaluations).
- Make sure of Laboratory Machines Calibration in site laboratories.
- Sampling of construction materials for testing in MOPW's Central Laboratory (if needed).
- Regulating meetings for Preparatory Phase, Initial Phase and Follow-up Phase of Quality Control.
- Check, review and approving of Triple Quality Control Phases' Documents.
- Check, review and approving of test results submitted by Contractor.
- Timely inspection and monitoring of quality Control plan procedures and requirements implemented for each activity by the Contractor.
- Timely inspection of testing procedures in work field.
- Timely inspection of construction machinery used in work field.
- Timely inspection of construction materials' plants in work field e.g. Concrete, Portland cement, Asphalt, Aggregate, Sand and etc.
- Timely inspection and monitoring of Quality Control Plan procedures and requirements implemented for each activity by the Contractor to confirm all works meet the design, specification and all contract documents related to the project.
- Continuous monitoring of the safety system by the contractor.
- Preparing NRCs and handing them to the Project Manager.
- Check, review and approving (IR, RFI and etc.) sent by Quality Control Engineer.
- Filing the original hard and soft copies of all test results and other Quality Control related documents in field office.
- Establishing and attending meetings with Quality Control staff about solving quality deficiencies of projects.
- Attending in technical and management meetings with the relevant zone.
- Necessary coordination with technical staff of projects (Project Manager, Quantity Surveyor, Monitoring Engineer and etc.)
- Review and check Quality Control related daily reports and comment effectively
- Review and check Mix Designs for road construction materials, filing a copy of the Mix Design in Field Office.
- Review and check road construction materials' catalogs which cannot be tested in Afghanistan, filing copies of the catalogs in Field Office.
- Review and check Remedy Action Plan sent by contractor.
- Necessary coordination with Quality Assurance Engineers obligated for initial submission of project.
- Arrange, review and checking of the Punch List According Quality during initial and final submission of the project.
- Review and checking of the Punch List Corrective Action Plan.
- Timely inspection and monitoring of Punch List Corrective Action Procedure in work field.
- Reporting the required functions to the relevant zone or Quality Control Directorate (on daily, weekly, monthly, quarterly and yearly basis).

- Establishing a clear and technical relationship with the contractor's Quality Control team.
- Other responsibilities assigned by the Quality Assurance Zone Manager or head of the Quality Control Directorate to improve the quality and work progress of the project.

Competencies:

1. Inspection of construction to ensure compliance with contract requirements
2. Report non-compliance to QC Manager & supervisor
3. Attend Preparatory and Initial inspections and provide inputs
4. Witness contractor testing procedures, when possible
5. Study plans, specifications, RFP to become knowledgeable of the requirements of your contract.
6. Review submittals that do not require engineering support, and recommend approval/disapproval to the COR (usually Resident Engineer)
7. QA Daily Reports
8. Monitor the contractor's safety program
 - Report safety violations to contractor safety manager for correction
 - Report repeat and/or major violations to your supervisor
 - Stop work in the specific area if there is an immediate threat of injury or death
9. Monitor the contractor's QC program
 - QA inspections confirm whether or not the contractor's QC program is effective or not
 - Report repeat and/or serious problems to your supervisor
 - Monitor QC testing to ensure correct tests and testing frequency occurs
 - Document deficiencies and monitor correction
10. QA Engineer do not have the authority to:
 - Make ANY changes to the contract requirements
 - Sign correspondence to the contractor
 - Direct the contractor's works
 - Make decisions that require the customer's input (Ex: marking colors, etc.)

Job Requirements:

- B.S. in Civil or Material Engineering.
- Master Degree in relevant field is preferred.
- Minimum 3 years' experience working as a QA/QC Engineer on major Roads & Highway projects (specific experience) and 6 years' overall experience in civil engineering projects (general experience).
- High analytical skills;
- Coordination, planning and organizational skills;
- Report writing and presentation skills;
- Leadership skills;
- Computer Literacy;
- Interpersonal skills;
- Understanding of national, regional and international contexts of road construction, maintenance and quality assurance;
- Effective communication skills;
- Administrative skills;
- Time management skills;
- Team working skills;
- Fluency in Pashto, Dari, English and Knowledge of all is an advantage.

Required Documents:

- CV with an application form for the relevant position;
- Copy of verified Degree by the Ministry of Higher Education;
- Copy of verified Afghan ID Card (Tazkera) or Passport copy;
- Copy of verified last Posting Contract;
- Copy of other documents seems to be necessary.

Submission Guideline:

Interested candidates are requested to forward their applications, detailed CV and other required documents to vacancies.mopw@yahoo.com, indicate the vacancy number (**MoPW/SRTAP/RAMS/1400-07**) and the post title (**Quality Assurance Engineer**) in the subject line when applying by email to the Human Resource Unit – Sustainable Reform and Technical Assistance Project of Ministry of Public Works (MoPW) at Kabul, Afghanistan.

Office Address:

SRTAP Office, Railway Building, Kabul Jalalabad Road, in front of KMTC, MoPW, Kabul, Afghanistan.

Only short-listed candidates will be notified for written exam and interview