

Title	Senior Road Structures Inventory and Condition Surveyor
Vacancy Number	MOPW/SRTAP/1400-19
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	2
Nationality	Afghan
Sex	Male/Female
Salary Range	According to NTA Salary Scale (C-2)
Announcing Date	03/May/2021
Closing Date	15/May/2021
Job Type	Engineering
Shift	Full Time
Experience	+8 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:

The Senior road structures inventory and condition surveyor will carry out all the required data for the inventory of roadway structures (bridges, culverts, tunnels, avalanche galleries, causeways, retaining walls, protection walls, etc.) and its condition required for the prioritization of structures for maintenance/up-gradation works, type of maintenance required for the road structures, budgeting, timeline, etc. The inspectors will identify defects and specify the element's condition index and provide detailed descriptions accompanied with photographs and sketches as needed. 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.

The Senior Road Structures Inventory and Condition Surveyor will carry out the following:

Duties and Responsibilities:

- Manage structure inspection schedules and complete work plans;
- Liaise with MoPW central office and local authorities and get approval prior to site inspection;
- Carry out desk study and collect historical data pertaining to structures;
- Carry out inventory survey and fill its template as necessary;
- Carry out routine and periodic condition surveys of the road structures as planned, meticulously, systematically and in a consistent manner as requested by the team leader;
- Complete inspection forms, determine defect severity and extent, utilize survey equipment, take pictures, record videos, prepared drawings/sketches, and write inspection summary sheets;
- Complete Quality Assurance (QA) and Quality Check (QC) process in compliance with the Inspection Manuals;
- Validate data in compliance with the Inspection Manuals and quality control procedures;
- Estimate quantities and unit prices for repair work as required and assist planning personal on preventative and corrective actions required for maintenance;
- Carry out traffic counts when necessary and or monitor the traffic counters;
- Give required instructions to the traffic counters for the selection of traffic counting stations, team management, and counting procedures;
- Assisting traffic counters team in analyzing traffic counting data required for the planning;
- Keep soft and hard data on roadway structures such as inspection forms, sketches, drawings, calculations, reports, photos, etc.;
- Collect and sort data on each roadway structure in various folders for inventory, condition survey, condition index calculations, Html ODK files, etc.;
- Fill out risk matrix spreadsheets before undertaking trips;
- Mark all defects in photos by identifying type, severity, and extent of each defect and record them in the prepared templates;
- Coordinate with RAMS core team, the Roadway Structures Officer, and GIS specialist to download raw collected data and upload inventory and condition data to the central database in an accurate and reliable manner;
- Carry out supervision and provide guidance to the data collection Engineer to improve their performance and quality of the works;
- Participate in missions related to the project review and evaluation;
- Participate in the preparation and implementation of seminars and training courses;
- Any other task assigned by the relevant head/supervisor.

Job Requirements:

- Bachelor degree in civil engineering, transportation engineering, and or any other similar discipline;
- Having of personal computer installed with MS Word, Excel, PowerPoint and AutoCAD software;
- Having a minimum of 5 years work experience in road survey, design, maintenance, and construction (general experience) and work experience of road/pavement inventory and condition surveys and condition rating of asphalt, concrete, and DBST pavements (specific experience);
- Knowledge of standard practices of maintenance and construction for road's pavements;
- Basic experience working with GPS and survey equipment as necessary;
- Required verbal and written communication skills in English;

- Proven organizational and problem-solving skills;
- Able to travel to the remote area all over Afghanistan, collect required data and work as part of a team;
- Physical fitness and able to travel and complete inspection procedure;
- Perform any other survey-related duties and tasks as assigned by the head/supervisor.

Skills:

- Familiar with the roads inventory pavement, data collection, and their analysis;
- Experience with Pavement Surface Evaluation and Rating (PASER) methods;
- Ability to overcome challenges and work in difficult work environments/conditions (especially in the field);
- Be able and willing to travel to all provinces and remote location in Afghanistan, including volatile and insecure areas;
- A high degree of personal initiative and willingness to accept responsibility for poor data collection;
- Knowledge of road maintenance procedures;
- Basic knowledge of road geometric and pavement design will be an asset;
- Use of Excel, Word, PowerPoint, and AutoCAD.

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 and detailed CV to mopw.vacancies@yahoo.com, kindly indicate the vacancy number (**MoPW/SRTAP/1400-19**) and the post title (**Senior Road Structures Inventory and Condition Surveyor**) 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