

Title	Surveyor
Vacancy Number	VA - AFG/THRCP/NRA/MOT 144/2020
Ministry	Ministry of Transport (MOT)
Organization	Nation Road Authority (NRA)
Department	Trans Hindukush Road Connectivity Project (THRCP)
Duty Station	Afghanistan, Bamyan/Baghlan
City	Bamyan/Baghlan
Duration	1 Years With Possibility of Extension
No of Jobs	1
Nationality	Afghan
Sex	Male/Female
Salary Range	According to NTA Salary Scale (C)
Announcing Date	27 – June – 2020
Closing Date	03 – July – 2020
Job Type	Engineering / Survey
Shift	Full Time
Job Status	Sourcing
Experience	5 Years

Background:

General Background of Project / Assignment

Improving Afghanistan's infrastructure is essential for accelerating economic growth and poverty alleviation. Despite very significant investment during the past decade, the country requires much additional investment in transport infrastructure to ensure basic service delivery and enhance the quality of life of its growing population, and also to reduce constraints on market access, regional trade, and economic growth. The functioning of Afghanistan's economy and the country's national integration depend to a large degree on reliable road connections across the Hindukush mountain range, which stretches from the northeast of Afghanistan to the center of the country and thereby establishes a physical barrier between the two key economic regions which are also the most highly populated areas.

The Government of Afghanistan has obtained funding of US\$ 250 million from the World Bank (International Development Association – IDA) to develop, fund and help manage a project to ensure reliable trans-Hindukush connectivity. This objective will achieve through (i) rehabilitation of the 86 km Salang Pass and development of the 152 km Baghlan to Bamyan (B2B) road to become a viable alternative to the Salang Pass, and (ii) to establish suitable arrangements for the management, maintenance, and operation of those two roads. The objective of this project can only be achieved through an integrated project which combines the above-mentioned elements.

The THRCP project is being delivered by a government-led Project Management Team (PMT) and a new independent Construction Supervision Unit (CSU) has been established under the THRCP to undertake the responsibility of site Construction supervision of all THRCP-B2B associated contracts. In parallel, the client has also appointed an international Implementation Consultant (IC) team to provide oversight and support development and delivery of the project.

On behalf of ANRA/MoT, the THRCP project is seeking for a qualified Resident Engineer (Roads) to support the CSU Deputy/Team leader in the supervision of the THRCP projects (B2B) civil works.

Purpose and Scope of Assignment:

The Surveyor works under the overall guidance of the Resident Engineer with technical guidance from the Deputy Team Leader of the THRCP/CSU. The Surveyor, in general, is responsible for the preliminary technical work on a project site and conducting surveys pre, during and after construction. Regular checking and correcting survey data. Be responsible for keeping all survey related data records.

Specific responsibilities and duties include but are not limited to;

Assist the Survey Engineer and RE in all survey related activities

Conducting preliminary surveys for selected roads or bridge sites as per program plan, this includes visual surveys, photos, map checking, and site visits.

Planning and conducting an engineering survey for the selected roads, structures and civil works, including a Topographic survey and recording all site-related details.

Checking the layout of the structures e.g. center line, culverts, bridges

Formulate a topographic survey for project sites using TOTAL STATIONS, Geodetic GPS Stations equipment, and monitoring related aspects after and during construction.

Prepare survey data and survey reports to commence road or structure design

Perform setting outworks or check the setting out works, at the request of the contractor or as directed by the RE.

Conducting a post-construction survey and ensuring the construction/design is in accordance with the BoQ.

Build the capacity of Surveyors in the regional offices in the use of survey equipment and surveying, in collaboration with the Regional Engineer.

Closely work with ESM team in the site for carrying out the environmental and social assessment surveys Responsible to ensure surveying equipment is in good working order.

Co-ordinate with the Design department, and other units as applicable, to ensure dissemination of surveying data.

Frequent travel to other project sites and supervises survey team and fieldwork.

Perform any other duty in line with t existing ToR as required by the Resident Engineer, Deputy/ Team leader, and/or Senior Surveyor.

Planning and conducting an engineering survey for the selected roads, structures and civil works, including a Topographic survey and recording all site-related details.

Frequent travel to project sites, in all provinces of Afghanistan, for survey works in the field.

Ad-hoc and regular communication with the Resident Engineer / Quantity Surveyor regarding work plan and activities.

Timely and accurate submission of final surveying reports for project sites.

Complete the detailed technical survey data relating to pre and post-construction for all project sites.

Survey report including the structure assessment

Preparation of survey photo logs.

Any other assignment as required by the supervisor

Support the Senior Quantity Survey Engineer in all works.

3. Monitoring and Progress Controls

Participate in meetings assisting the SE and RE with the contractor regarding the progress of work

Ad-hoc and regular communication with the Deputy/Team Leader, Resident Engineer and Senior Quantity Surveyor regarding work plan and activities.

Timely and accurate submission of final surveying reports for project sites.

4. Final Product

Successful completion of survey related activities for all physical Structure's works.

Complete survey data relating to pre, during and post-construction for all project sites.
Survey report including the structure assessment
Preparation of survey photo logs

Qualifications and Experience:

a. Education (Level and area of required and/or preferred education)

BSc. Degree in Geodesy/Road/Civil Engineering.
Diploma in Survey Engineering plus an additional 3 years of relevant work experience in Survey may be considered in lieu of a Bachelor's Degree.

b. Work Experience

At least 4 years' experience within the Engineering Survey field.
At least 2 years' experience as a Surveyor in a large-scale Road Construction project.

Proven capability of the use of Total station including recording data, preparation of survey reports

c. Key Competencies

Highly skilled in the use and operation of the latest survey equipment, leveling instrument, Theodolite, Electronic distance meter, Levelling Machine, TOTAL STATION, GPS, Geodetic GPS Stations, Clinometer's, etc.

Is able to converse easily in English, both verbal and written. Fluent in both Dari and Pashtu, verbal and written.

Demonstrated ability to training and build the capacity of counterparts.

Is able to demonstrate attention to detail and patience.

Ability to overcome challenges and work in difficult work environments/conditions.

Be able and willing to travel to all provinces and remote locations in Afghanistan, including volatile and insecure areas.

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:

Qualified candidates may submit their application, including a letter of interest, complete Curriculum Vitae, via Email Address: vacancies@thrcp.gov.af. Kindly indicate the vacancy number (VA – AFG/THRCP - NRA/MOT 144/2020) and the post title (Surveyor) in the subject line when applying by email..

. Only short-listed candidates will be notified

"Women are highly encouraged to apply"

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Closing Date **03 – June – 2020**