



Islamic Republic of Afghanistan
Capital Region Independent Development Authority
Administrative Division



Proj.-Code	Location	Program / Type / Project / Division / Dept / Sub Dept	Document / Sub Document / Reference / Revision
AFG/KBL/Gen	KBL	Pg-1/LT/Pr-1/IS/TP/Sub Dept	OL/TOR/(CRIDA/AD/2017/000)/xxx

TERMS OF REFERENCE

Title of Post: Road Design Engineer

Project Title: Capital Region Independent Development Authority (CRIDA)

Duty Station: Kabul- Afghanistan

Announce Date: 02/01/2017

Closing Date: 11/01/2017

Duration: on year

Background:

The capital region of Afghanistan comprises the Kabul, Wardak, Logar, Kapisa and Parwan Provinces. The total area of the capital region is more than 7735 km². In order to create safe urban environment and tackle the problems caused by ever increasing population growth in the capital of Afghanistan considering the concentrated economic activities and services provision, Dehsabz City Development Authority (DCDA) has been promoted to Capital Region Independent Development Authority (CRIDA) (As per the Presidential Decree No. 44 dated 23rd June 2016 based on Cabinet Resolution no 3 dated 30 April 2016 of the Islamic Republic of Afghanistan). CRIDA is an Independent Budgetary Unit and Governmental profitable entity within the organizational structure of the Islamic Republic of Afghanistan.

Capital Region Independent Development Authority (CRIDA), not only develop Kabul New City project but also pave the ways for the development of Capital Region with broader visions which are briefly narrated as follows:

1. Transforming the Capital Region by turning it into a mega city that is clean, environmentally friendly, cultured with booming industries and commerce, sports and tourism and ultimately a metropolitan city that is self-reliant and sustainable, a city that has infrastructure and facilities of high standards with healthy physical environment.
2. Building a diverse community that is free of ethnic, linguistic, racial and religious prejudices.
3. Promoting urban culture and enhancing the standard of life through development of the Capital Region.
4. Development of cities (through decentralization for balanced development) within the Capital Region by protecting the originality, historical value and organic linkages with the existing Kabul city to transform the entire capital zone into a symbol of national unity.

CRIDA is currently looking for a **Road Design Engineer** to play active role in Infrastructure Planning and Design division and contribute in managing and preparation of multidisciplinary tasks for achieving the strategic goals of CRIDA on objective basis.

Reporting Line: The Road Design engineer will report directly to the manager of Transportation Department and Deputy/Director of Infrastructure Planning and Design Division.

Duties/Responsibilities:

- Providing design and drafting services (preliminary and detail design) of the road project
- To keep the national and international standard of road network system while designing or reviewing the design
- Ensure drawing compliance with CRIDA's CAD standards and styles
- Design of Rigid and Flexible pavements by AASHTO method
- Maintain control of design drawings, calculations and all associated technical correspondence regarding the design project and propose high technology for the quality of designs
- Conduct geometric design for horizontal and vertical alignment as per AASHTO and ANSA/MPW standards using AutoCAD Civil 3D
- Prepare or supervise the preparation of bill of quantities and technical specifications
- Prepare Design report to justify the selection of horizontal alignment and other design features
- Draft road structural technical details
- Cooperate with site Engineers if needed
- Perform any other duty in line with these ToR's as directed by the Road Design Manager and Deputy Director of Infrastructure Planning & Design Division.

Qualifications:

- Education requirement is a Bachelor degree in Civil Engineering, Having a Master degree is a plus point.
- Highly proficient in road design software AutoCAD Civil 3D
- Working knowledge of M.S office Word, Excel, Power Point and Project
- Knowledge and experience in design of Rigid and Flexible pavements using AASHTO method
- Ability to plan, supervise and coordinate technical, operational and administrative activities and programs.
- Excellent writing and spoken Pashto, Dari and English are a plus.
- Able to work independently and under the stressful conditions

Experience/Personal skills:

- Minimum 5 years of experience in design road roads (At least 2 years of experience in design of roads using AutoCAD Civil 3D)

Applications:

To apply for the above position, please email your application, together with an update CV before 11th Jan, 2017.

Human Resources Department
Capital Region Independent Development Authority (CRIDA)
House #214, Ansari Street #1, 4th Precinct
Haji Yaqub Square, Sulh Road
Kabul, Islamic Republic of Afghanistan
Email: jobs@crida.gov.af
CC: mraza.nayeel@crida.gov.af

CRIDA will not be able to respond to inquiries about application status and will only contact short-listed candidates.