



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/Dept/Sub Dept	OL/TOR/(CRIDA/AD/2017/000)/xxx

TERMS OF REFERENCE

Title of Post: AutoCAD 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 an **AutoCAD 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 AutoCAD Design engineer will report directly to the manager of Sewerage Department and Deputy/Director of Infrastructure Planning and Design Division.

Duties/Responsibilities:

- This position is responsible for providing a full range of drawing production and organization for multi-disciplines including process mechanical, site civil, pipeline. Produce complete plans from verbal descriptions and rough sketches, utilizing AutoCAD 2D, Civil 3D. SewerGems modeling software is a plus. The ability to coordinate with other disciplines, to minimize rework and maximize efficiency.
- Minimum 5 years of drafting and design experience with water/wastewater projects using latest versions of AutoCAD, Civil 3D, and SewerGems. Routinely uses higher-level commands, time-saving programs and routines. Experience using advanced AutoCAD functions including Sheet Set Manager, Xref manager, Tool Palettes and Design Center.
- Prepare plan, section and detail drawings for various mechanical process systems. Drafting and final check of construction works with design drawing and makes As Build drawings.
- Ensure drawing compliance with CRIDA's CAD standards and styles. Create, manage and supervise the production of drawing submittals.
- To coordinate and interact with other CRIDA departments and consultants regarding sewer projects.
- To maintain and update the design schedules for all sewer projects and prepare progress reports.
- To perform other related duties as assigned.

Qualifications:

- Education requirements are a B.S. degree in Environmental, Civil, Mechanical, or Chemical Engineering.
- Must have experience in drafting of wastewater facilities with good knowledge of treatment equipment and pumping systems.
- Excellent 2D AutoCAD and 3D AutoCAD skills required, and Civil 3D experience, highly desired. Experience with wastewater treatment plant modeling software packages is a plus.
- Understanding of chemical and process piping materials and fittings required
- 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 drafting of sewer system. The experience should encompass preparation of design reports, development of construction drawings and specifications, and support of office and field-related construction services.

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.