NATIONAL INDUSTRIAL CORRIDOR DEVELOPMENT CORPORATION (NICDC) LIMITED

Job description for the post of "Senior Executive (GIS)"

COMPANY PROFILE

National Industrial Corridor project vision is to create strong economic base with globally competitive environment and state of the art infrastructure to activate local commerce, enhance foreign investments and attain sustainable developments.

The project is conceived to be developed as a Global Manufacturing, Investment Destination Hubs and Smart Cities with the best in-class infrastructure. The concept of formation of Industrial Corridors has been envisaged on the backbone of major transportation corridors like Eastern & Western Dedicated Freight Corridors and some of the recently announced freight corridors i.e. East West, East Coast and North South, Expressways and National Highways, proximity to ports, airports, etc. The objective is to create greenfield smart industrial cities with sustainable, 'plug n play', ICT enabled utilities to facilitate the manufacturing investments into the country by providing quality, reliable, sustainable and resilient infrastructure for the industries.

KEY DUTIES AND RESPONSIBILITIES

- To maintain data layers, maps, tables, or reports, using spatial analysis procedures or Geographic Information Systems (GIS) technology, equipment, or systems.
- Prepare graphic representations of Geographic Information Systems (GIS) data, using GIS hardware or software applications.
- Maintain or modify existing Geographic Information Systems (GIS) databases submitted by consultants.
- Provide technical expertise in Geographic Information Systems (GIS) technology to users.
- Perform computer programming, data analysis, or software development for Geographic Information Systems (GIS) applications, including the maintenance of existing systems or research and development for future enhancements.
- Prepare database Geographic Information Systems (GIS), using techniques such as coordinate geometry, keyboard entry of tabular data, manual digitizing of maps, scanning or automatic conversion to vectors, or conversion of other sources of digital data.
- Review existing or incoming data for accuracy, usefulness, quality, or completeness of documentation.
- Perform /checks in and review of consultants' deliverables for geospatial data building, modeling, or analysis, using advanced spatial analysis, data manipulation, or cartography software.
- Coordinate the development of integrated Geographic Information Systems (GIS) spatial or non-spatial databases.

- Perform integrated or computerized Geographic Information Systems (GIS) analyses to address scientific problems.
- Select cartographic elements needed for effective presentation of information.
- Provide technical support regarding the maintenance, development, or operation of Geographic Information Systems (GIS) databases, equipment, or applications.
- Collect, compile, or integrate Geographic Information Systems (GIS) data, such as remote sensing or cartographic data for inclusion in map manuscripts.
- Interpret aerial or ortho photographs.
- Create, analyze, report, convert, or transfer data, using specialized applications program software.
- Make recommendations regarding upgrades, considering implications of new or revised Geographic Information Systems (GIS) software, equipment, or applications.
- Create visual representations of geospatial data, using complex procedures such as analytical modeling, three-dimensional renderings, or plot creation.
- Transfer or rescale information from original photographs onto maps or other photographs.
- Prepare training materials for, or make presentations to, Geographic Information Systems (GIS) users.
- Apply three-dimensional (3D) or four-dimensional (4D) technologies to geospatial data to allow for new or different analyses or applications.
- Conduct research, data analysis, systems design, or support for software such as Geographic Information Systems (GIS) or Global Positioning Systems (GPS) mapping software.
- Read current literature, talk with colleagues, continue education, or participate in professional organizations or conferences to keep abreast of developments in Geographic Information Systems (GIS) technology, equipment, or systems
- Any other duties as assigned by the Management from time to time.

MINIMUM REQUIREMENTS

1. **Nationality:** Candidate from Indian nationality only.

2. **Age**: Candidate shall not be above 32 years of age as on **31st December, 2022.**

3. **Academic Qualification**: Should be Graduate in any discipline and Masters in Geoinformatics/Geographical Information System/Remote Sensing/Applied Geology/ or any equivalent discipline from a reputed college / university with good academic record.

4. **Experience:** Minimum 02 years of experience.

KNOWLEDGE & SKILLS

- Understanding of planning and implementation of multifunctional nature of industrial and infrastructure projects.
- Decision making ability.
- Analytical ability.

- Ability to foster collaborative work environment in a multi-cultural and multi-ethnic environment.
- Strong interpersonal skills and the ability to work effectively with wide range of constituencies in a diverse community.
- Ability to communicate effectively, both orally and in writing.
- GFR guidelines- conversant with Government procurement guidelines like GFR, Manual of procurement of works, services and consultancy of FIDIC will be an added advantage.

DESIGNATION, REPORTING & JOB LOCATION

The designation shall be **"Senior Executive (GIS)"** and reporting will be directly to the Department Head and to other senior officials of NICDC Ltd. The job location will be in Delhi but may require frequent travel to various states.

PAY BAND: Rs. 40,000-1,40,000/- (CTC approx. 12 lakhs per annum)

HOW TO APPLY

Duly filled application form along with the resumes may be uploaded on the Company's website i.e. www.nicdc.in (Careers> Current Opening) or the same may be mailed on **jobs@nicdc.in**. Last date for submission is **27th December, 2022** by **17:00 HRS**. Applications received in hard copy/manual/paper shall not be accepted or entertained.

SELECTION PROCESS: A Selection Committee will be constituted to short list, interview and recommend the candidate.

DISCLAIMER: This is not a Government job as NICDC is not a Government Company.