

## VACANCY CIRCULAR

**Subject: Engagement of Retired Officer/Govt. Officers/Domain Experts/Experts as Advisor Railways in Centre for Development of Telematics (C-DOT) – Reg.**

A. Centre for Development of Telematics (C-DOT), an autonomous R&D Telecom Technology Centre under Department of Telecom, Ministry of Communication & IT, invites applications from Retired Officers/Govt. Officers/Domain Experts/Experts for engagement as Advisor in C-DOT, Delhi for the following functional area.

**Post Code : Advisor/2024/02**

**Position : Advisor – Railways**

### **Job Profile for: Advisor - Railways**

The role of Railways Advisor is to provide strategic guidance and expertise to reform and upgrade the existing signalling and communication, safety and surveillance mechanisms in Railways and enhance overall efficiency and performance in railway operations. He/She will collaborate with key stakeholders, government agencies, technology providers and industry partners to provide insights and recommendations for the development, modernization, and optimization of railway systems.

### **Key Responsibilities**

- Develop and implement strategic plans for long term development strategy for products relating to Railway signalling, communication, control and safety operations
- Advise on safety protocols, compliance and industry regulations and implement best practices in C-DOT products/solutions meant for Railways.
- Assess and plan the new Railway infrastructure requirements with respect to communication, signalling and surveillance. This includes mission and safety critical applications, M2M and AI applications and security surveillance applications.
- Engage with government agencies, technology providers, regulatory bodies and industry partners to carry out implementation of collaborative Railway projects

### **Qualifications**

- Bachelor's or Master's degree in Telecommunication or Computer Science or related field.

### **Experience**

- At least 15 years of total experience in the area of Information and communications technology and at least 10 years of experience of working with Railways at senior positions.

## **Skill Set**

- Leadership abilities and the capacity to work collaboratively with diverse teams.
- Familiarity with budgeting, financial analysis, and project management tools.
- Comprehensive understanding of railway signalling, communication systems, and protocols.
- Understanding of regulatory requirements and standards related to railway signalling, communication, and safety.
- Knowledge of emerging trends, standards like FRMCS, signalling technologies, such as Automatic Train Control (ATC) systems: Kavach & Mission Critical Services
- Proficiency in designing and implementing robust communication networks for railways. Experience with Network Design and Implementation, network protocols, routing, and switching relevant to railway communication systems.
- In-depth knowledge of communication technologies used in railways, including radio communication, fibre optics, and wireless communication systems (LTE/SG),
- Expertise in implementing security measures like SIL4, Knowledge of cybersecurity best practices and the ability to integrate security features into communication networks, Railway data centres and transport communication systems.
- Experience in designing, implementing, and maintaining surveillance systems for railways, including Closed-Circuit Television (CCTV) and video analytics.

## **B. The engagement of Advisor shall be subject to the following Conditions:**

- (a) The Advisor shall be appointed on a short-term contract basis initially for a period of 1 year. Based on his/her performance and requirement of his/her services, the contract can be further extended up to a maximum of three Terms (1 year each) or 65 years of age whichever is earlier.
- (b) The applicant must be adept in use of office automation tools e.g. MS Word, Power point, Excel, etc. and proficient in noting, drafting and examining proposals.
- (c) The engagement of the Advisor will be purely on Contract basis.
- (d) The Advisor will be required to sign a non-disclosure undertaking.
- (e) Working hours shall normally be from 8.30 am to 5.00 p.m. including half an hour lunch break in between. However, in exigencies of work, s/he may be required to stay beyond office hours and may also be called upon on Saturday/Sunday and other Gazetted holidays.

- (f) The Advisor may be allowed leave at the rate of two and half days for each month. To perform outstation duties, TA/DA as per his entitlement before his retirement will be paid.
- (g) The services of Advisor can be terminated at any time without assigning any reason whatsoever. However, if the Advisor is not willing to continue for whatsoever reasons may be, s/he may give minimum one month's notice to the office. The decision of Executive Director, C-DOT shall be the final in all respects.

C. **Remuneration:**

- (a) The remunerations/salary of the retired Government officers appointed as Advisor shall be Last Pay drawn(consolidated) **plus DA** at rate prevailing on the date of appointment as Advisor **less Pension (if any)**. In addition to consolidated remunerations, the Advisor **shall not be paid any other allowances**.
- (b) The remunerations/salary for candidates from industry will be as per industry standards.
- (c) Remunerations / salary will be consolidated and all inclusive. The Advisor will not be entitled for any other kind of allowances, residential accommodation and vehicle allowances.
- (d) The Income Tax liable to be deducted as per the prevailing rules will be deducted at source before effecting the payment for which C-DOT will issue TDS certificate.

D. The persons fulfilling the eligibility criteria and are willing to offer their services as Advisor, may apply addressing applications to Head (P&HR) or through email at [hrd@cdot.in](mailto:hrd@cdot.in) within 30 days from the date of advertisement in Employment News (English).