

**Job Title:** Director-OSP

**Year of Contract:** 2

**Number of Positions:** 1

**Responsibility Summary:**

Chhattisgarh Infotech Promotion Society, Government of Chhattisgarh invites applications from enterprising and aspiring candidates for the position of Director - OSP Planning under BharatNet project. Chhattisgarh Infotech Promotion Society (CHiPS: [www.chips.gov.in](http://www.chips.gov.in)) is the nodal agency and prime mover for propelling IT growth & implementation of the IT & e-Governance projects in the State of Chhattisgarh. CHiPS is involved in the end-to-end implementation of some mega IT Projects like BharatNet, SDC, SSDG, SWAN, GIS, SETU, e-Procurement etc. Government of Chhattisgarh through its nodal agency Chhattisgarh Infotech Promotion Society (CHiPS) intends to create a digital highway by laying Optical Fibre Cable or Radio Connectivity from Block to Gram Panchayat. Chhattisgarh BharatNet project has been conceived with the ambitious vision of providing connectivity to the yet uncovered rural, remote and LWE affected areas of Chhattisgarh and entails massive investment on the infrastructure creation across the state which would serve as the information highway for decades to come. Under BharatNet Phase-II, underground Optical Fiber Cable would be laid to cover 5987 Gram Panchayats in 85 Block Headquarters in the State. The proposed network architecture for BharatNet Phase-II project follows ring architecture with IP-MPLS technology. The network shall be leveraged to deliver scalable bandwidth to educational institutions, Govt. offices etc.

Director - OSP will be majorly responsible for detailed engineering, field level design, and release of HLD, LLD, layout design for IP/MPLS based Optical network design network, requisite solution architecture & design Ring / Linear, basis field input and fiber topology applicable architecture, finalizing specifications for OFC and networking components, coordination with vendors for timely deployment, installation and commissioning, acceptance testing of all OFC components during execution phase of BharatNet project. During O&M phase the same will be responsible for maintaining network uptime of OFC component.

The candidate should be result-oriented executive, capable of managing multiple stakeholders, vendors and processes.

**Educational qualification:** B.E./ B. Tech. or M.E./ M. Tech or equivalent qualification recognised by or under the regulations etc. of relevant regulatory body, obtained

upon successful completion of studies (excluding studies in distance education mode) as a regularly enrolled student; in respect of degrees or diplomas awarded abroad, candidate should submit relevant details establishing equivalence with the above qualification, and the decision of the Selection Committee regarding the acceptability of such qualification as equivalent qualification shall be final.

Age: Candidate should be energetic and dynamic as the job profile would require speedy work in fast paced environment. S/he should not be more than 45 years of age on the date of issue of the recruitment notice.

Experience:

- At least experience of 12 years in case of Bachelor's degree or 10 years in case of Master's degree; of managing large Infrastructure/Telecom/ IT deployment projects.

Preferred:

- Management Qualification (MBA Should be preferred) recognised by or under the regulations etc. of relevant regulatory body, obtained upon successful completion of studies (excluding studies in distance education mode) as a regularly enrolled student.
- Experience of planning, designing and Implementation of OFC architecture and topology
- The candidate must have independently handled at-least 3 large scale projects on all aspects from concept stage to implementation on Data Center/ Fibre Infrastructure.
- Experience to define requisite solution architecture & design Ring / Linear, basis field input and fiber.
- Experience to design BOQ and network diagram for implementation of IP/MPLS technology basis fiber topology, as applicable.
- Experience to capture business inputs such as the capacity of the equipment at PoPs, NOC etc.
- Must have the ability to reach out and work with the senior government official in various departments.
- Extensive knowledge of Fiber Optic Network environment, Optical cable installation and terminology methods.

Job Description:

- Responsible to plan and implement IP/MPLS network, for >6000 Sites on underground OFC or RF.

- Planning & Design for Civil and Fiber Infrastructure for OFC network covering future demand
- Responsible for OFC planning, Survey, assist to design, Managing teams for GIS Data Cost estimation, Route Selection, fiber Management and Fiber Link Power Budgeting for various networking projects.
- Defining Processes for OSP Design, Survey considering all kind of risks, cost control, evidence documentation/collection according to meet the project goals.
- Design BOQ's, Time Management, Project Cost Control and KPI Follow-up's.
- Route Selection, OSP Planning, Fiber Budget Control.
- Planning and initiation to the implementer for Co-ordination with different Government authorities and other agencies for preparation as well finalization of Right of Way (ROW).
- Planning and assistance to execute Provisional/Preliminary/Final/Walk-Through/Acceptance Testing of the ready Links
- Planning to manage the Project cost within the budget as per design values with very less tolerance.
- Responsible for developing cost effective fiber optic route plans by coordinating with route construction engineering professionals
- Acceptance testing of all OFC components during execution phase of BharatNet project.
- Responsible for network performance/acceptance testing and capture network performance statistics and reports; develop strategies for maintaining network infrastructure.
- During O&M phase, ensures ICT infrastructure service SLAs are established and service & operational metrics are collected. Manages production technology incidents to resolution, ensuring timely engagement, escalation and effective communication to business, technology and vendor partners.
- Project technology and project management for state wide eGovernance delivery project.
- Overall handling of business operations & ensuring resolution of routine issues.
- Work with state government department to gauge and create demand of strategic solutions and fulfil the same.
- Identify project risks and recommend appropriate solutions.
- Work closely with various teams and stakeholders to identify, develop, and implement opportunities to improve processes and/or services.

**Desirable:**

- Leadership and teamwork: Experience of successfully building and leading a teams.
- Should be technology savvy
- Strong eye for detail and ability to multi-task
- Problem Solving/ Strong Solutioning Skill
- Experience in Project Management
- Excellent interpersonal skills and communication skills both written and oral communication in English and Hindi (written and oral)

**Selection Process**

1. Out of the total applications 5 shortlisted candidates will be called for interview.
2. Candidate will be selected based on personal interview by Selection Committee.

Interview marks – 100