

JOB DESCRIPTION

Job Title: Senior Manager, Communications Systems

FLSA Status: Exempt

Salary Grade: 11A

PURPOSE OF POSITION

The Senior Manager, Communications Systems, will supervise maintenance and rehabilitation for SCRRA's tele-communications systems and be a critical conduit to the maintenance and integrity of SCRRA's communication assets and Positive Train Control (PTC) network.

DISTINGUISHING CHARACTERISTICS

This job description is not part of a job series.

SUPERVISION EXERCISED AND RECEIVED

- Receives general oversight from director or Executive level management
- Responsible for supervising and monitoring the performance for a regular group of employees

ESSENTIAL DUTIES AND RESPONSIBILITIES

The duties listed below are intended to describe the general nature and level of work being performed and are not to be interpreted as an exhaustive list of responsibilities.

- Manage the planning, design and implementation of the SCRRA's telecommunications systems and oversee engineering consultants and contractors.
- Develop, review and approve communications design drawings and documents. Ensure appropriate installation for radio and/or other communications requirements at signal bungalows, station communication shelters and locomotive on-board radio equipment.
- Provide support and guidance on SCRRA processes and procedures and coordinate work efforts with internal department staff for consultants, contractors, and vendors who specialize in work on communication towers and telecommunications. Remotely monitor and support problem resolution of the communication network.
- Ensure management of FCC licenses for SCRRA's radio transmitters and regulatory compliance.
- Remotely monitor and
- Collaborate with managers and various departments for a variety of job functions that include, developing and managing project scopes and budgets, performing design services and cost estimates, writing technical specifications and reviewing design submittals, and evaluating and approving vendor and telecommunication carrier's products for cost.
- Provide operational and technical support for engineering communications systems and serve as a lead engineer for new communication and data systems installations.
- Attend and participate in professional group meetings and committees to ensure industry compliance and maintain PTC interoperability with foreign road partners.
- Maintain accurate records, prepare correspondence and periodic reports.
- Interface with other departments, customers and contractor/consultant and vendor team members.



- Monitor and evaluate staff to establish training needs within the department and ensure objectives and expectations are met.
- Respond to priority/emergency situations and provide on-call assistance and service when needed.
- The responsibilities outlined above are representative of the role but not exhaustive. Additional duties may be assigned as needed, and reasonable accommodations will be provided to qualified individuals with disabilities in accordance with applicable laws.

MINIMUM QUALIFICATIONS

Education and Experience

- Bachelor’s degree in Information Technology, Computer Science, Telecommunications, Electrical Engineering, or a related field.
- A minimum of six (6) years of experience in communications systems design of fiber, copper and wireless systems (VHF, Microwave, Ethernet, PTC, PBX) including working knowledge of testing of microwave, closed circuit television, digital audio/video recording, Public Address Changeable Message Systems (PACMS), channel banks, telephone, Voice over Internet Protocol (VoIP) and data network infrastructure.
- A minimum of two (2) years of experience with communication Network Management Systems (NMS), technical supervision, design software, project management, planning, and scheduling.
- Must possess a Federal Communications Commission (FCC) General Class Radio Telephone License or National Association of Radio and Telecommunication Engineers (NARTE) Class 3 or higher certification with radio endorsement or the equivalent National Association of Business and Educational Radio (NABER) or Personal Communications Industry Association PCIA certification
- Pass Roadway Worker Protection (RWP) and Maintenance of Way (MOW) General Code of Operating Rules (GCOR) and become qualified within six (6) months.
- A combination of training, with a minimum of an Associate Degree and/or experience that provides the required knowledge, skills, and abilities, may be considered when determining minimum qualifications. Advanced relevant coursework may also substitute for a portion of the required experience.
- A valid Class “C” California driver’s license with a satisfactory driving record of no more than two moving violations and no DUIs within the last three years

Preferred Qualifications

None

Knowledge, Skills, and Abilities

Knowledge of:

- Design, testing, and installation of microwave, fiber optics, fiber optic transmission systems, closed circuit television, digital audio/video recording, Public Address Changeable Message Systems (PACMS), channel banks, telephone, Voice over Internet Protocol (VoIP), and data network infrastructure
- Railroad industry system communications, including Advanced Train Control Systems (ATCS), and Positive Train Control (PTC)
- IP networking technologies

Skilled in:

- MS Office, including Word and Excel
- Analyzing and assessing policies and operational needs and making appropriate adjustments



- Interpreting and applying applicable Federal, State, and local policies, laws, and regulations
- Strong and effective leadership, team building, communication, and time management

Ability to:

- Work effectively in a high-pressure, fast-paced environment, making appropriate decisions, understanding potential impacts, and taking responsibility
- Work effectively in a team-oriented, collaborative environment

PHYSICAL REQUIREMENTS

- Transition between a stationary position at a desk or work location and move about Metrolink facilities or other work site locations
- Operate tools to perform the duties of the position, such as computers, office equipment, and work-related machinery
- Transport equipment or boxes up to 25 lbs
- Exchange ideas by means of communication
- Visual acuity to detect, identify, and observe employees or train movement and any barriers to movement when working on or near railroad tracks
- Hear and perceive the nature of sounds when working on or near railroad tracks
- Balance, ascend/descend, climb, kneel, stoop, bend, crouch, or crawl within assigned working conditions and or locations

Working Conditions

Position requires work in a normal office environment with little exposure to excessive noise, dust, or temperature. Work may also be conducted in outdoor environments, at construction sites, Railroad Track and Right-of-Way environments, and warehouse environments, with possible exposure to individuals who are hostile or irate, moving mechanical parts, and loud noises (85+ decibels, such as heavy trucks, construction, etc.)

Southern California Regional Rail Authority is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Authority will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

Last Updated: January 2026

