

**SACRAMENTO REGIONAL TRANSIT DISTRICT
invites applications for the position of:**



**Associate Systems Engineer/Senior
Systems Engineer**

SALARY:	\$95,820.00 - \$150,228.00 Annually
DEPARTMENT:	Engineering & Construction
OPENING DATE:	12/07/21
CLOSING DATE:	Continuous
RECRUITMENT TYPE:	Internal/External
DESCRIPTION:	

THIS POSITION WILL REMAIN OPEN UNTIL FILLED. APPLICATIONS ARE REVIEWED AS RECEIVED, AND INTERVIEWS WILL BE SCHEDULED FOR MOST QUALIFIED CANDIDATES, AS APPLICATIONS ARE REVIEWED.

Associate Systems Engineer - \$95,820.00 - \$134,124.00 Annually

The purpose of this position is to provide electrical/mechanical engineering service in support of light rail and bus operations. This is accomplished by acting as project engineer on engineering projects, overseeing project activities, and directing performance of services by consultants and contractors during project planning, engineering, manufacturing, testing, construction, and commissioning project phases.

Senior Systems Engineer - \$107,280.00 - \$150,228.00 Annually

The purpose of this position is to plan, design, and direct systems engineering projects such as railway signaling, traction power and overhead catenary system, bus procurement and maintenance, light rail vehicle procurement and maintenance, bus fueling, and other transit facilities. This is accomplished by planning and supervising all phases of engineering and design programs, developing technical documents, reviewing technical reports, coordinating with various governmental agencies, and administering of consultant contract.

EXAMPLES OF DUTIES:

Associate Systems Engineer

- Prepares engineering designs by reviewing and preparing designs, drawings, and design specifications to ensure compliance with codes, standards, and project requirements, assisting in developing effective project plans, analyzing, diagnosing, and resolving engineering problems encountered in projects, performing field verifications, and using engineering design tools.
- Prepares technical contract specifications and cost estimates by reviewing standard technical contract specifications, applying local, state, and federal construction codes and engineering standards, and assisting in developing programs and procedures for quality assurance and quality control, analyzing cost and quantity estimates for construction projects and using software tools.

- Provides engineering support to the District's operations and construction functions by coordinating with various governmental agencies, reviewing technical submittals from contractors, providing information and clarifications to contractors, attending construction meetings, conducting field inspections related to construction, establishing and maintaining cooperative working relationships with those contacted in the course of a project, and providing technical support, troubleshooting, and problem-solving for existing facilities.

Senior Systems Engineer

- Performs systems engineering design by supervising and participating in the preparation of contract plans and technical specifications, designing signaling and traction power/overhead catenary systems to meet existing design criteria, delegating drafting tasks to technical subordinates, performing complex calculations, performing field surveys, researching project design requirements, and calculating costs and determining feasibility of design projects based on analysis of collected data.
- Performs construction support by reviewing technical submittals of shop drawings, interpreting contract plans and technical specifications, inspecting construction sites, investigating field problems affecting the District's operations and maintenance functions, coordinating agencies/departments to resolve issues, and responding to requests for information.
- Assists in the implementation of new rail startups by coordinating construction activities of new rail start-up lines with the District staff, developing integrated test procedures for new track and vehicles as required, overseeing development of staging plans, conducting first article inspections of new materials to verify operating performance, safety, and quality, and assigning staff members to support new start-up activities.
- Supervises staff by planning and directing the work of professional engineers, assigning and monitoring technician workloads, preparing performance evaluations, and reviewing timesheets. Provides project management by developing the Request for proposals for selection of consultants, and contract management.

MINIMUM QUALIFICATIONS:

Associate Systems Engineer/Senior Systems Engineer

Education: Bachelor's degree or equivalent in Engineering.

Substitution of experience for the required education is not accepted.

Certification & Other Requirements: Professional Engineer license in the State of California is required.

Experience for Associate Systems Engineer: A minimum of three (3) years of experience performing systems engineering related tasks.

Experience for Senior Systems Engineer: A minimum of five (5) years of experience in engineering design, construction, or project management. One (1) year of lead or supervisory experience is preferred. Experience in transportation or transit facilities is preferred.

Proof of required education beyond high school, such as college transcripts, diplomas, and/or certificates must be submitted at the time of application.

FILING INSTRUCTIONS/SUPPLEMENTAL INFORMATION:

The minimum qualifications as stated on this job announcement represent only the basic requirements of the position. Meeting the minimum qualifications does not guarantee that a

candidate will be invited to participate in other examination segments of the selection process. An employment application is required for this position. Applications, job announcements, and copies of the complete job description are available at our website at www.sacrt.com.

Completed employment application and proof of education must be submitted online. This position will remain open until filled. Applications are reviewed as received, and interviews will be scheduled for most qualified candidates as applications are reviewed. SacRT will not process incomplete applications. Resumes are not accepted in lieu of an application, but may be included with the application. For more information on benefits, a summary sheet is available from the Human Resources Department. The Human Resources Department will make reasonable efforts in the recruitment process to accommodate candidates with disabilities. For more information, contact the Human Resources Department at (916) 556-0298.

SacRT has a stand alone pension plan which is not part of, nor does it have reciprocity with CalPERS.

SacRT is an Equal Opportunity and Affirmative Action EOE/AA Employer - Minorities/Women/Disabled/Veterans.

This position falls under the Operating Engineer Local Union no. 3 Group (OE3).

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.sacrt.com/Career/>

Position #2021-00553IE
ASSOCIATE SYSTEMS ENGINEER/SENIOR SYSTEMS
ENGINEER
CW

2810 O Street
Sacramento, CA 95816
(916) 556-0298

Associate Systems Engineer/Senior Systems Engineer Supplemental Questionnaire

- * 1. Please indicate which position you are applying for:
 - Associate Systems Engineer
 - Senior Systems Engineer
 - Both
- * 2. Do you have a Professional Engineer License in the State of California?
 - Yes No
- * 3. If yes, please indicate your Professional Engineer License Number and Expiration Date. If no, please indicate N/A.
- * 4. Describe in detail, your experience for the following areas: A) professional engineering work in design B) construction C) project management D) supervisory experience (if any). In your response, include the employer and number of years/months you performed the duties.
- * 5. Describe in detail, your experience, if any, in design for fabrication of replacement parts for repair of mechanical or electromechanical products and systems. In your

response, include the employer and number of years/months you performed the duties.

- * 6. Describe in detail, your experience developing, modifying, and streamlining work processes and procedures in repair, overhaul, and modification of rail vehicles (or other large vehicles/equipment), their components, and support activities. In your response, include the employer and number of years/months you performed the duties.

* Required Question