



**POSITION:** SENIOR MECHANICAL ENGINEER (PS101424)

**LOCATION:** San Francisco, CA – Golden Gate Bridge

**SALARY RANGE:** \$125,153.60 - \$151,257.60 annually, plus benefits (40-hour workweek)  
*Employee pays up to 7% of salary/wage toward CalPERS retirement plan*

**DATE POSTED:** October 5, 2020

**CLOSING DATE:** Open Until Filled

**OPEN TO:** All Qualified Applicants

**OPENINGS:** 1 Vacancy and to Create an Eligibility List

### **POSITION DESCRIPTION:**

Under direction, perform varied professional and mechanical engineering work of above average difficulty in the field and office. May supervise subordinate engineering personnel engaged in design and construction work. May act as resident engineer on construction projects. Interpret, explain and carry out existing engineering construction, design and inspection methods and procedures. Responsibilities include regular contact with mechanical suppliers, contractors and their representatives, the general public and other professional engineering personnel obtaining and providing technical engineering data and information, preparing, checking and reviewing detailed and complex engineering plans, specifications and related reports. Perform related duties as required.

### **MINIMUM JOB REQUIREMENTS:**

#### **Education/Experience Requirements**

- Bachelor's degree in Mechanical Engineering
- Five years position-related mechanical engineering experience, including design (i.e. HVAC design experience), estimate and specification preparation, and the inspection of construction work
- One-year supervisory experience is desirable

#### **Required Licenses:**

- Registration (P.E. license) as a Mechanical Engineer in the State of California
- Must possess and maintain a current, valid California driver's license and satisfactory driving record. No reckless driving and DUI infractions within the last 7 years. No more than 2 moving violations within the last 3 years. May operate District vehicles.

## Senior Mechanical Engineer (PS101424)

### ESSENTIAL RESPONSIBILITIES:

- Prepares and supervises the preparation of mechanical engineering designs, drawings, specifications, schedules, quantity and cost estimates for a wide range of new construction and maintenance improvement projects.
- Plans, schedules and coordinates detailed phases of mechanical engineering work either as part of a major project or for an entire project of smaller scope.
- Reviews contractors' mechanical submittals and works to ensure compliance with plans and specifications.
- Reviews consultant's mechanical designs and submittal packages.
- Makes field investigations of existing facilities.
- Makes investigations of contractual and construction problems that may arise on construction projects.
- Makes difficult engineering calculations and analysis in connection with mechanical design of utility systems and transportation facilities; supervise the preparation of detailed drawings for these facilities.
- Inspects and supervises a wide variety of ordinary and complex construction projects to ensure compliance with contract plans and specifications.
- Assists in the preparation of complex contract documents.
- Prepares correspondence and prepare technical engineering reports in connection with a wide variety of projects.
- Works on a team with other engineers, drafting technicians and contracts personnel on planning, developing and finalizing technical and construction contract documents.
  
- Knows and follows the safety and health rules and safe working practices applicable to their job.
- Ensures that employees under their supervision follow established safe work practices and obey all safety rules.
- Regular and reliable attendance and performance is required.

### REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

#### Working knowledge of:

- Theories and practices of mechanical engineering, designing, construction and inspection procedures.
- Current mechanical codes and products.
- Modern construction methods, the strengths and uses of construction materials and stress analysis required in planning construction projects.

#### Ability to:

- Originate and check design details, estimates, engineering plans and specifications.
- Demonstrate considerable skill in the application of engineering theories and practices to practical engineering field and office problems.

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### PHYSICAL REQUIREMENTS:

- Ability to perform periodic field investigations and inspections of existing and new works on the Golden Gate Bridge, and other District structures and buildings
- Ability to climb scaffolds, catwalks and ladders
- Ability to carry test, inspection and other equipment that may weigh up to 50 pounds
- Routine use of computer, telephone and other office equipment
- Mobility to work in office setting

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## APPLICATION PROCEDURE:

FAILURE TO MEET ANY OF THE REQUIREMENTS STATED BELOW  
MAY RESULT IN REJECTION OF YOUR APPLICATION

TO APPLY: [www.goldengate.org/jobs](http://www.goldengate.org/jobs)

Applicants must apply online by the deadline date. Applications received after the deadline will not be considered.

For directions and general information, visit our website [www.goldengate.org](http://www.goldengate.org).

The District's primary and official means of application notification is via EMAIL. Thus, applicants are advised to check their email for their application status updates.

### THE FOLLOWING DOCUMENT(S) MUST BE SUBMITTED AT TIME OF APPLICATION:

1. GGBHTD Online Employment Application
2. Resume – Attach as PDF to your online application
3. A copy of your California P.E. License – Attach as PDF to your online application

### THE SELECTION PROCESS FOR THIS POSITION may include:

- Assessment of education, training, and experience
- Oral Panel interview
- Department interview for final candidates

*\*\*\*The District will invite ONLY those candidates whose qualifications MOST CLOSELY MATCH the position requirements to continue in the selection process.*

**Senior Mechanical Engineer (PS101424)**

**AN EQUAL OPPORTUNITY EMPLOYER**

It is the policy of the Golden Gate Bridge Highway and Transportation District to take all personnel actions on the basis of merit and other job-related factors, without regard to race, color, national origin, religion, sex (including pregnancy, childbirth, and related medical conditions), disability: physical or mental, age (40 and older), genetic information, marital status, sexual orientation and identity, medical condition, political affiliation or military status.

**Applicants with Disabilities:** The Human Resources Department will make reasonable efforts to accommodate applicants with disabilities to complete the Employment Application and in any job-related examination process. If you have special needs, please call (415) 257-4535 (Human Resources).

Revised 02/15/2019

10/5/2020 MP

GGBHTD - Human Resources Department  
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