

**POST & BID POSITION ANNOUNCEMENT  
Bargaining Units 1, 4 and 11**

1. Reference #: **12-7-091**    2. Position Number: **912-502-3381-XXX**    3. Date of Posting: **10/24/2016**
4. Classification: Materials and Research Engineering Associate (Specialist)    5. Salary Range: **\$5185.00 - \$6490.00**
6. Pay Differentials That Apply To Position: **None**
7. Working Hours Of Position: **6:30 am to 3:00 pm (Monday – Friday)**
8. District/Division: **12/Construction**    Section: **Field Material Lab**    Geographic Location: **Huntington Beach**

**(If selected and the position requires a relocation, the Department will NOT provide relocation assistance.) *Determination for relocation will be made by Hiring Supervisor.***

9. Specific Qualifications and Requisite Skills Required: (Attach a separate sheet if additional space is needed.)

- A. Minimum Qualifications per the Classification Specifications (BU1 & 4 only) (Education and or Experience):

<http://www.calhr.ca.gov/state-hr-professionals/Pages/3381.aspx>

- B. Technical & Professional Skills & Abilities:

Must have knowledge of testing in California Test Methods (CTM), American Society for Testing Materials (ASTM), American Concrete Institute (ACI), and American Association of State Highway Transportation Officials (AASHTO), and equipment used in making physical test. Also must be familiar with the Standard Specifications and Special Provisions relating to the properties of various types of materials.

Knowledge of the basic principles of mathematics, chemistry and applied sciences as it applied to Civil Engineering; mechanics; properties and uses of engineering construction materials. The ability to establish and maintain friendly and cooperative relations with those contacted in the course of work, and to communicate effectively.

Knowledge of construction contract documents including Plans and Specifications.

Knowledge of the Standard Specifications and Special Provisions relating to material testing.

Knowledge of sampling and testing frequencies shown in the Construction Manual, in the Quality Control/Quality Assurance (QC/QA) procedures, or as outlined in the Special Provisions.

The ability to apply sound judgment in a test situations and the ability to analyze factors capable of affecting test result.

The ability to travel to meetings within California.

- C. License and/or Certification Requirements: **N/A**

- D. Physical Abilities to Perform Essential Functions:

Physical activities vary and may be for a lengthy period of time. Requires manual dexterity to operate testing equipment and handle material coming into the laboratory. Due to the laboratory working environment, temperature fluctuations are common; must be capable to handle these fluctuations. Must be able to sustain mental activity to read, write and input test results. Must be able to maintain emotional control during conflicts with coworkers and maintain cooperative working relationship with them. Employees will be required to move large samples of materials and heavy concrete beam weighing up to 70 pounds from one location to the other. Prolonged standing while running test may be required. Must be able to organize and prioritize work to assure

timely delivery. May require working in the field at night and possibly working alternate night shift between staff within the unit, if work operation requires.

E. Other Departmental Requirements:

There is little contact with the general public. Contacts are with Resident Engineers, Contractors, Asphalt Concrete (AC) and Portland Cement Concrete (PCC) suppliers, Construction Inspectors, Field Materials Personnel, and Consultants acting in any of the aforementioned capacities. Maintains a professional working relationship with the contractor.

F. Duty Statement/Description of Duties:

See Duty Statement link.

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10. Final Date and Time for Receiving Bid: **November 7, 2016**

11. Where to Obtain Bid Form: <http://www.dot.ca.gov/hq/jobs/postandbid/postandbidmain.htm>

11. Submit Bid to:

Name: Frank Mai  
Address: 19601 Beach Blvd., Huntington Beach CA 92647  
Telephone Number: 949-279-8846  
FAX Number: 714-969-2519  
E-mail Address: [Frank.mai@dot.ca.gov](mailto:Frank.mai@dot.ca.gov)

12. Window period employee must be available for contact (**Unit 1&4 Only**): From: \_\_\_\_\_ To: \_\_\_\_\_  
(If selected, you must report in no less than 14 calendar days unless agreed otherwise by current and hiring supervisor and start date must be within 30 calendar days.)

13. Expected Reporting Date to Position (**Unit 11 Only**): **Within two weeks of job offer.**  
(If selected, you must report on the reporting date above unless agreed otherwise by current and hiring supervisor.)