



## **ADVERTISEMENT**

**Project Name:** West Campus Surface Deformation Assessment

**Project No.:** FM130130/986470

### **Project Description**

Proposals are hereby solicited from geotechnical professionals interested in providing a Surface Deformation Assessment for the UCSB West Campus.

### **Scope of Services**

Assess the maximum displacement and surface deformation associated with the maximum considered earthquake (MCE) for the South More Ranch Fault at the west campus. This deterministic assessment is to be based on review of published information, empirical relationships, expert opinion, and expert judgment regarding the location and measured displacement occurring on individual fault traces at the site, the measured ground deformation (e.g., folding and tilting) at the site, the measured displacement and maximum magnitude for past earthquakes on the North and South More Ranch Faults, and the rate of vertical and horizontal displacement on the More Ranch Fault. Work products should include the following information:

- a. Location and expected displacement on known active fault traces at the west campus for the MCE on the South More Ranch Fault. The displacement should be presented as median and one sigma levels, including horizontal, vertical, and compressional components (as appropriate).
- b. Location and expected amount of ground deformation (uplift, subsidence, and/or tilting) for the MCE. The deformation should be presented as a best estimate with upper and lower bounds.
- c. Approximate return period in years for the displacements and deformation identified in a) and b) above.

There may be a second level of analysis of the project to assess a range of displacement and surface deformation in the form of a probabilistic analysis.

Funding of the project is contingent upon receipt of funding from a variety of sources. While it is anticipated that funding will be obtained, there is no assurance that funds will be received for the project noted. Selection of the design professional will follow standard University procedures.

### **Instructions for Application**

Geotechnical professionals with qualifications that include experience in the investigation of projects similar in scale and scope are encouraged to respond. A copy of the Statement of Qualifications (SOQ) and the Request for Proposals (RFP), inclusive of the detailed submittal requirements, will be available on our home page: <http://facilities.ucsb.edu/contracts/proposals/>. If you have difficulty downloading the document please call Sean Parker (805) 893-2661 ext. 2201.

Four (4) sets of each proposal must be returned to the following address by 4:00 p.m. on September 12, 2012:

Attn: Deedee Ciancola, University Representative  
Contracting Services – Campus Design & Facilities  
Facilities Management Bldg. 439, Room ‘E’  
University of California, Santa Barbara  
Santa Barbara, CA 93106-1030

### **Affirmative Action Statement**

Each candidate firm will be required to show evidence of its equal employment opportunity policy. Every effort will be made to ensure that all persons shall have equal access to contracts and other business opportunities with the University, regardless of: race; color; religion; sex; age; ancestry; national origin; sexual orientation; physical or mental disability; veteran's status; medical condition; genetic information; marital status; gender identity; pregnancy; service in the uniformed services; or citizenship within the limits imposed by law or University's policy.