

**University of California,  
Santa Barbara**



Request  
for  
Qualifications  
for the:

**Bioengineering Building**

Project Number:  
981650

Campus Design &  
Facilities

January, 2009



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Statement of Qualifications Form	Download separate PDF File from the web site <a href="http://facilities.ucsb.edu/contracts/qualifications/">http://facilities.ucsb.edu/contracts/qualifications/</a>



## Advertisement

### Project Description

Qualifications are hereby solicited from design professionals interested in providing services for the design and construction of an approximately 99,000 gross square foot building to house academic research in the field of bioengineering. The planned date for completion of construction is 2013.

### Scope of Services

Work on this project will be authorized in two stages. The first stage will be a Professional Service Agreement for programming and planning a vivarium located in the building basement. Work will include integrating the vivarium space program with an existing Detailed Project Program for the above ground building components and preparing a total construction cost plan. The second stage will be an Executive Design Professional Agreement for architectural and engineering design of the project, preparation of construction documents, support services during the project administrative and environmental approval process, bidding assistance and construction phase administrative services.

Funding of the above 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

Design teams with qualifications that include experience in the design of projects similar in scale and scope are encouraged to respond. A copy of the Statement of Qualifications (SOQ) form will be available January 26, 2009 on our home page:

<http://facilities.ucsb.edu/contracts/qualifications/>

or call Roger Monte at (805) 893-2947. Five sets of the Statement of Qualifications must be returned to Roger Monte, University Representative, Office of Design and Construction, University of California, Santa Barbara, CA 93106-1030 no later than 3:00 PM, February 9, 2009.

- **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, regardless of race, religion, sex, color, ethnicity and national origin have equal access to contracts and other business opportunities with the University.



## **Background**

The University has established a Master Plan & Detailed Project Program (DPP) to identify space needs for a Bioengineering Building. The program includes the headquarters for the Institute for Collaborative Biotechnologies (ICB) organization, ICB medical research initiative, a graduate student academic program for Bioengineering, and space for the Center for Stem Biology and Engineering. The DPP defines the goals, parameters and constraints of the project in sufficient detail to establish the project scope. It is also intended to provide guidance to the design architect by defining the space program, functional relationships, laboratory design criteria, and site and building design requirements for Research Laboratories, Offices and Administration Support.

The project has been included in the 2008-2009 Budget for Capital Improvements and the Capital Improvement Program for preliminary plans.



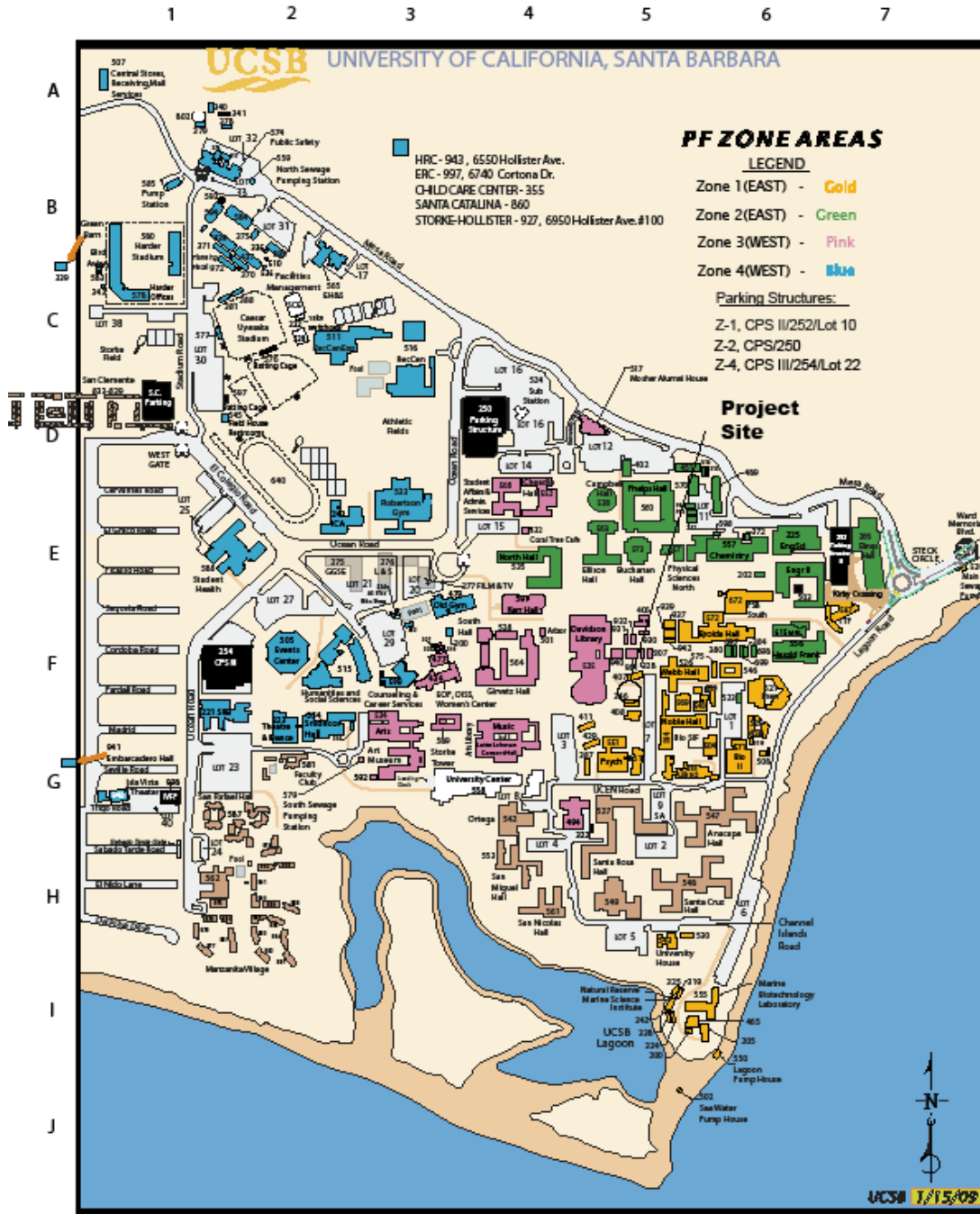
## **Project Summary**

The current program plans for the Bioengineering Building provide a highly flexible facility that will be responsive to long-term changes in research. Program areas were devised using a conceptual building module that responded to multiple objectives: (1) limit the variability of spaces, (2) enhance the flexibility of the laboratories, and (3) accommodate sufficient infrastructure capacity to incorporate future changes in research. This approach has served to inform the facilities' functional requirements, including the need for vibration isolation of laboratories, efficient HVAC and energy systems, and security.

Programmatically, the building will accommodate 16 faculty, scientists, and researchers; approximately 120 graduate students and post-doctoral researchers; 30 staff, which include engineering and computer technicians and administrative support. Conceptually, the building is envisioned as a simple and efficient four-story research building with full basement. Laboratories would be stacked floor-to-floor to minimize ducting and building systems infrastructure runs and office space would be aligned on a ringed-corridor, separated from the laboratories by laboratory support facilities. Building massing concepts will consider schemes seeking sustainable design benefits, such as orientation to solar paths, interior stairs and an atrium to provide improved day-lighting, enhanced natural ventilation, and spaces to facilitate interaction. Laboratories will primarily be BioSafety Level 2 with a BioSafety Level 3 laboratory on the uppermost floor. Office support is distributed throughout the building and an auditorium or colloquium room is proposed at the ground level. A vivarium is proposed in the basement. The building's position in the heart of the campus will be of major concern in a design solution.



Project Site Plan





## Project Schedule

RFQ Available	January 26, 2009
SOQ's Due at UCSB	February 9, 2009
Evaluation of SOQ's	February 17, 2009
Reference Checks & Develop Short List	February 23, 2009
<i>The anticipated proposal schedule is tentative. The exact dates will be set forth in an "Announcement to Prequalified Proposers".</i>	
Letter to Selected Consultants & Issue RFP	February 26, 2009
Short List Firms Visit Campus (tentative)	March 4, 2009
Consultant Interviews (tentative)	March 16, 2009
Professional Service Agreement (DPP)	April 6, 2009
Fee Negotiations – Executive Design Professional Agreement	March 20, 2009
Contract Award	April 22, 2009
DPP Complete to UCSB	May 29, 2009
Preliminary Design Start	June 2, 2009
Construction Documents Start	January 28, 2010
Bids	September 9, 2010
Construction Start	November 17, 2010
Project Complete	February 11, 2013



### **Instructions to Applicants**

1. Respond concisely to the Selection Criteria and complete the Statement of Qualifications Form. A list of projects of similar scope, complexity, and cost will be essential to a successful application. The Statement of Qualifications Form must be signed by a responsible member of the firm applying for the project.
2. Include supplementary information supporting qualifications (8 ½ x 11 format). Organization and brevity will be appreciated. Work submitted as an example of the design team's qualifications will be considered only to the extent it is similar to the proposed project. Additional information may be submitted demonstrating experience in programming, planning and design on university campuses. Identify the engineering team and consultants for all projects listed as examples of your firm's work. Provide information on proposed engineering staff and consultants for this project and an organization chart. Provide a list of previous projects the proposed team has participated in together.
3. Return to:  
Roger Monte, University Representative  
Campus Design & Facilities  
Office of Design & Construction Services  
Facilities Management, Bldg. 439  
University of California, Santa Barbara  
Santa Barbara, CA 93106-1030
4. Submit 5 copies of all material bound into single documents.
5. Due Date: February 9, 2009, no later than 3:00 p.m.
6. Design teams with qualifications considered appropriate by the Screening Committee will be asked to submit detailed proposals for consideration by the Selection Committee.





## Selection Criteria

1. ***Design ability.*** Ability as it can be evaluated by examination of the functional, technical, economic, and aesthetic qualities of projects done for the University or other clients.
2. ***Research potential.*** The capability to undertake appropriate research to resolve design problems specific to the needs of the program or project under consideration.
3. ***Program responsiveness.*** Previous experience that demonstrates success in completing projects consistent with program schedule, budget, and technical requirements, and that indicates the ability to complete the proposed project in a manner that is responsive to the specifics of the program.
4. ***Evaluation of engineering consultants proposed to be employed.*** Previous experience with special engineering requirements appropriate to the project under consideration with evidence or expression that appropriate consulting advice can be obtained as required.
5. ***Production capability.*** Evidence of ability to perform all design phases of the work, to produce construction documents of superior quality and to meet the completion schedule for each phase.
6. ***Coordination and supervision.*** Evidence of ability to provide experienced staff and timely support during the construction phase of the project.
7. ***Proximity*** to the project location.
8. ***Client relationships.*** Recognition of the consultative processes associated with work on a University Campus.
9. ***Equal Opportunity.*** The commitment of the University to equal opportunity applies to the selection of design professionals.



## Privacy Notification

The state of California Information Practices Act of 1977 requires the University to provide the following information to individuals who are asked to supply information about themselves:

The principal purpose for requesting the information on this form is for use in the selection process for Design Professionals commissioned by the University. University Policy authorizes maintenance of this information.

Furnishing all information requested on this form is mandatory - failure to provide such information will delay or may even prevent completion of the action for which the form is being filled out. Information furnished on this form will be used by the Office of Design & Construction, Facilities Management, University of California at Santa Barbara in consideration of commissions to Design Professionals.

Individuals have the right to access to this record as it pertains to themselves.

The official responsible for maintaining the information contained on this form:

Contracting Services  
Campus Design & Facilities  
University of California, Santa Barbara  
Facilities Management, Building 439  
Santa Barbara, California 93106-1030