University of California, Berkeley
MAXWELL FIELD PARKING STUDY – Project 12265B

Request for Qualifications

Subsurface Investigations and Geologic report in accordance with the requirements of the Alquist-Priolo Earthquake Fault Zoning Act (APZA) for a new, subsurface Maxwell Field Parking facility.

BACKGROUND

The University of California, Berkeley is currently considering plans to develop a new subsurface parking structure under the current Maxwell Family Field. The facility is planned for 700+ spaces, located in 5 to 6 underground levels, with new entrances and exits and a raised and rebuilt playing field and facilities.

The subject site may fall within an Aliquist-Priolo Earthquake Fault Zone (CGS, 2002). Under the APZA, a geologic fault investigation and report are required to ensure that the proposed building will not be sited upon an active fault. For purposes of the APZA, an active fault is one that has ruptured during the Holocene (past 11,000 years). The University requests Statements of Qualifications from qualified consultants to provide the required professional geotechnical services as outlined in this Request for Qualifications.

Conceptual images of the subject facility, north of California Memorial Stadium and south of Bowles Hall, are shown at the end of the RFQ document.

OBJECTIVES

The objective of the geologic investigation and report is to satisfy the requirement of the APZA to investigate conditions at the project sufficiently to determine if an active fault is present beneath the proposed construction. After such investigations, an opinion of a qualified Engineering Geologist must either:

a) confirm the presence of an active fault or
b) state that the data from the investigation, taken in its entirety, does not indicate the existence of an active fault within the proposed building footprint.

SCOPE OF WORK

The general scope of work for the geologic investigation and report is expected to be as follows:

1. Review and summary of existing data.

The University has completed a number of previous relevant studies and reports (Geomatrix, William Lettis & Associates, Harding Lawson, etc). In addition to these materials, the consultant is expected to research and review other materials that may be relevant including

technical publications, maps, photographs, and construction documents.

2. Field exploration

The consultant is expected to develop and implement a program of field exploration to supplement and expand the currently available data. Such exploration might include subsurface investigations requiring trenching and/or drilled borings. ***However, the scope of any such program shall be developed and recommended in the proposal submitted in response to this request. Any and all excavation, construction, boring, testing, logging and other field requirements associated with any such work and investigations will be done to University standards, and will the sole responsibility of the consultant, their field contractors and subcontractors, including health and safety and storm water protection. The locations of all work, parking, laydown, storage and other necessary sites associated with the work will be maintained by the consultant in a clean and orderly fashion, and all areas will be returned to the University in the condition they were found.*** The consultant shall thoroughly record the results of the field exploration and related subsurface investigations with notes, logs, drawings, photographs, or other appropriate means.

3. Field and/or laboratory testing

The consultant shall conduct any appropriate field or laboratory tests in conjunction with the field exploration. Such tests may include materials dating.

4. Geologic and engineering analyses

The consultant shall conduct geologic and engineering analyses based on all of the data gathered under Items 1, 2, and 3. The results of this work must comprise a comprehensive synthesis in support of a professional opinion relative to the objectives cited above.

5. Written reports

Within one week of completing the trenching, logging and peer review/agency inspection of any single trench, the consultant shall prepare a one to two page Memorandum of Findings, with a draft copy of the field logging, for University review. The consultant shall prepare a detailed draft written report presenting the findings of al work at the end of the field activities with respect to the specific objectives cited above. This draft report will present and summarize the review of available existing information, results of the field exploration and testing, and geologic and engineering analyses.

6. Peer, University and agency review

All work by the consultant will be subject to review by at least one independent peer reviewer reporting directly to the University and its agents. Additionally, University personnel and invited agency personnel may visit the fieldwork for inspection and consultation. This peer review with be conducted periodically as the work progresses. The consultant's work will also be subject to review by the University's Seismic Review Committee. The consultant is expected to cooperate with the review process in a constructive way to ensure a highly

credible end product.

7. Final Report

Following the review of the draft report, a final report will be prepared. Consultant shall provide six (6) 'hard' copies, and one (1) electronic copy in pdf format on CD of the final report to the University.

CONTENT OF RESPONSES

Proposal submitted by potential consultants shall include the following:

1. Letter of transmittal

The letter of transmittal should include confirmation by the potential consultant that they have reviewed this proposal and accept the requirements presented here. The letter will be signed by an officer or principal of the firm who will be in responsible charge of the work.

2. Consultant Qualifications

The qualifications of the consultant for the work should be documented by project example summaries of previous similar work and resumés of key personnel proposed for assignment to the current project. These materials should make clear the involvement of the personnel on the project examples. The project examples should include client name and contact information for reference directly familiar with the work of the consultant. Extraneous general marketing information not directly related to this project should not be included.

3. Project Work Plan

The potential consultant shall prepare a proposed Work Plan as part of the proposal document to address the required scope of work. The Work Plan must clearly identify key project personnel and the level of involvement for the consultant and principal sub-consultants and contractors by each specific scope item, and include a management plan for the efficient and expeditious completion of the work. The Work Plan will identify and summarize specific tasks in a logical and coordinated sequence, identifying the responsible person for each task. Deliverables and points of coordination with the University and its reviewers must be identified.

4. Project schedule

The proposal must include a detailed schedule related directly to the Work Plan. Time is of the essence on this work. The schedule needs to be crafted to complete the work in the shortest time possible.

5. Proposed Budget

The potential consultant shall prepare and submit a detailed budget for the work that is

directly related to the Work Plan. Provide a detailed breakdown of professional time by task and a lump sum cost for work by each subcontractors.

6. Business Information Form

All firms responding to the request for qualifications must submit a Business Information Form to Facilities Services. The form is available on the Facilities Services Web Site at:
http://www.cp.berkeley.edu/ContractsAgreemnts.html/.

7. Project Contract

The contract will be issued to the successful proposing firm as a firm, fixed price award via a one or more not-to-exceed (N.T.E.) purchase orders. The firm will be required to sign the University's Professional Services Agreement, which is available for review at http://www.cp.berkeley.edu/PSA.pdf. The consultant will be required to provide evidence of professional liability insurance with limits of $2 million per claim and $2 million in the aggregate, using the University's current insurance certificate and instructions.

Questions may be directed to Wayne L. Shipman, PE (415) 281-2679, or 415 286-1407. wayne_shipman@urscorp.com.

The University of California is an Equal Opportunity Employer. Every effort will be made to ensure that all persons, regardless of race, religion, sex, color, and national origin have equal access to contracts and other business opportunities with the University.

SUBMITTAL OF RESPONSES

Four copies of all Statements of Qualifications must be received at the address below no later than 4.00pm, Monday, **March 19, 2007.**

Facilities Services
1936 University Aye, Room 232
Berkeley CA 94704-7027
Attn: Wayne L. Shipman, PE 415 281-2679, or 415 286-1407.

All responses must refer to: Maxwell Field Parking Study - APZA Investigation – Project 12265B

REFERENCES

See the Capital Projects website for more details, including links to all referenced materials.
Below posted as hyperlinks to these websites and documents (Adobe PDF version 7):

CGS, 2002, Guidelines for Evaluating the Hazard of Surface Fault Rupture: URL: http://www.consrv.ca.gov/CGS/informationlpublications/cgs notes/note 49/note 49.pdf.

Geomatrix Consultants, Inc., 2006, Final Report, Fault Rupture Hazard Investigation, Student Athlete High Performance Center, University of California, Berkeley, and URS Consultants, October, Project No. 10766.003 148 pages, File size: 16.3MB pdf file.

Geomatrix Consultants, Inc. 1999, Fault Rupture Hazard Investigation, Bowles Hall, University of California, Berkeley, February, Project No. 4896, 59 pages, File size: 7.0MB pdf file.

Geomatrix Consultants. Inc.. 2001, Fault Rupture Hazard Evaluation, California Memorial Stadium, University of California, Berkeley: Report prepared for Capitol Projects, University of California at Berkeley, Berkeley, California, October, Project No. 5442. File size: 8.3MB

Geomatrix Consultants, Inc., 2003, Geotechnical Engineering Study, California Memorial Stadium, University of California, Berkeley, October, Project No. 5448.000 File size: 16.2MB

Geomatrix Consultants, Inc., 2004, Geotechnical Engineering Study, Proposed Parking Structure Maxwell Family Field Replacement Project, University of California, Berkeley, March, Project No. *5448.001*. File size: 7.3MB

Public Document Available Elsewhere

California Geological Survey **(CGS),** 1982, Official Maps, Alquist Priolo Earthquake Fault Zone, Oakland West, Oakland West, and Richmond Quadrangles, Alameda and Contra Costa Counties, California, scale 1:24,000.

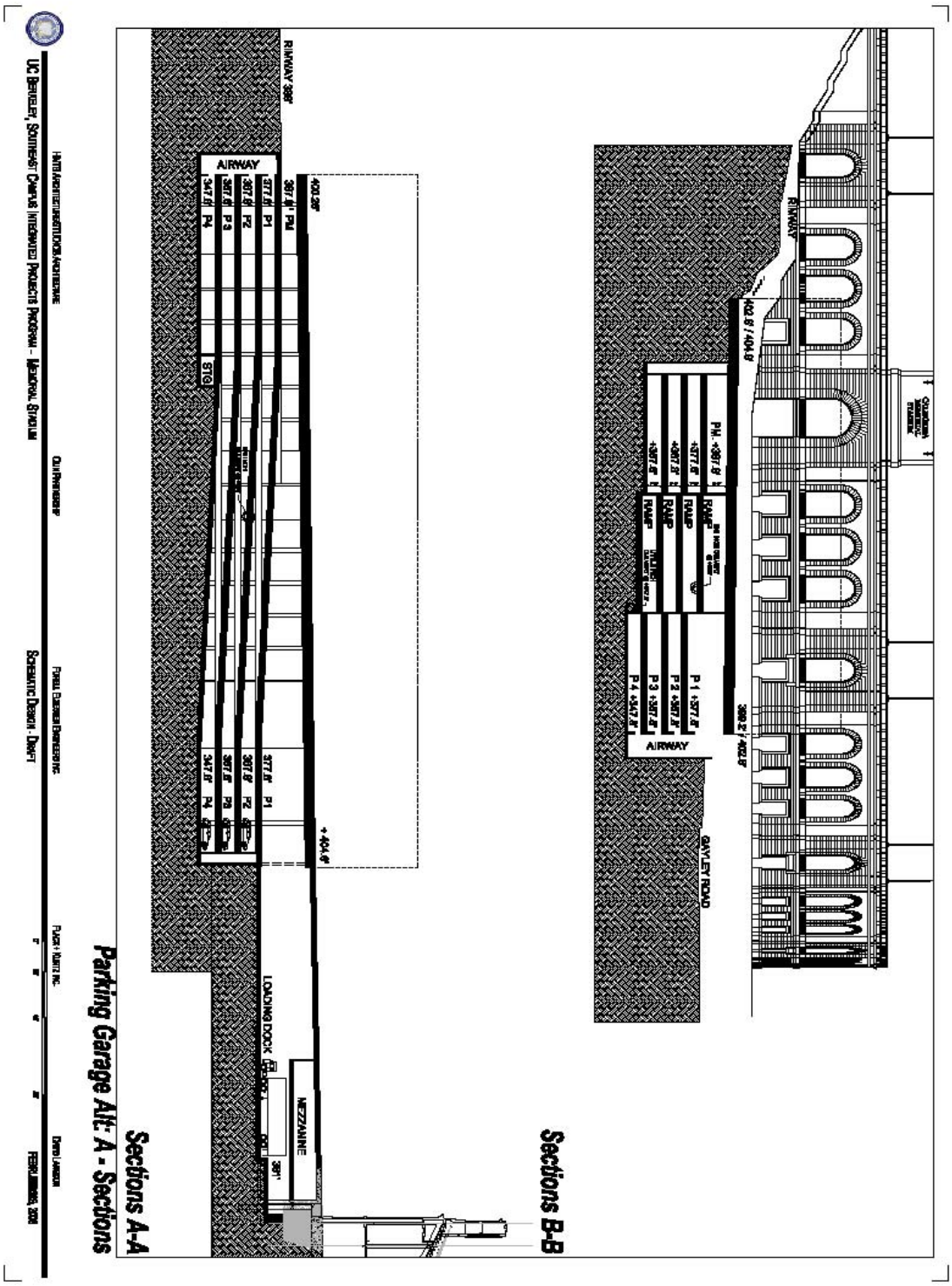
Geotechnical Consultants, Inc., 1992, Fault Investigation West Trace of the Hayward fault, Bowles Hall Renovation Project, University of California, Berkeley, California, 21 p., 2 plates, August.

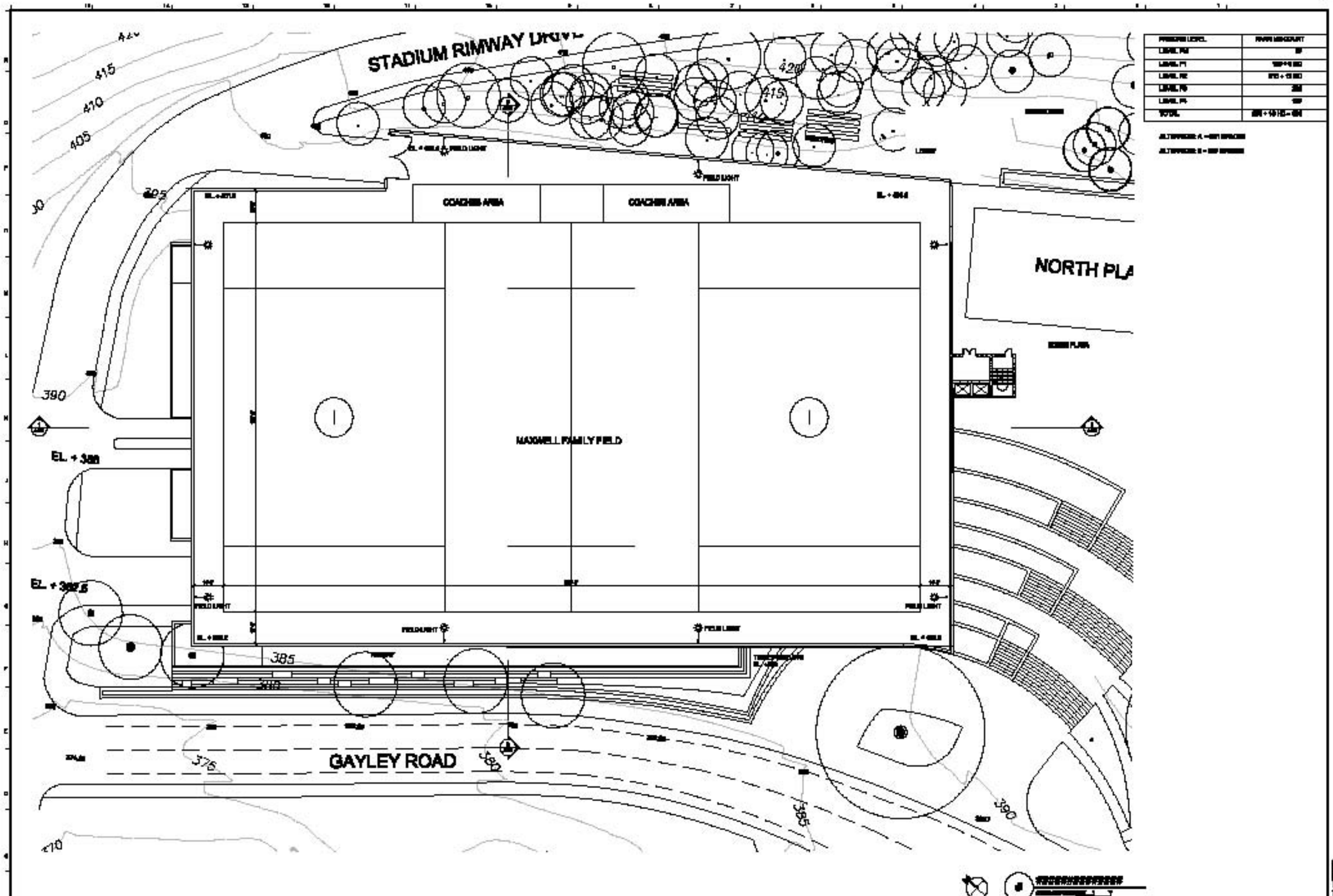
Harding Lawson Associates, 1986, Geologic and Fault Hazard Investigation Phase I, Foothill Student Housing, University of California, Berkeley: Report Prepared for O'Brien-Kreitzberg and Associates, San Francisco, 13 November.

Harding Lawson Associates, 1988a, Geologic and Fault Hazard Investigation Phase II, Foothill Student Housing, University of California, Berkeley: Report Prepared for O'Brien-Kreitzberg and Associates, San Francisco, 30 p., 12 January.

Harding Lawson Associates, 1988b, Supplemental Fault Hazard Investigation, "Louderback Trace," Foothill Student Housing Project, University of California, Berkeley: Report Prepared for O'Brien-Kreitzberg and Associates, San Francisco, 22 June. [Note: figures, plates, and appendixes are not available for review].

Maxwell Field Parking Structure Feasibility Images: Images 1 and 2





CALIFORNIA MEMORIAL STADIUM
PHASE I
MAXWELL FIELD PARKING GARAGE
UNIVERSITY OF CALIFORNIA, BERKELEY

STUDIOS

HNTB

FIELD LEVEL PLAN

A-100

SCHEMATIC DESIGN

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