

REQUEST FOR QUALIFICATIONS
Project # 12240A
U. C. BERKELEY
STUDENT ATHLETE HIGH PERFORMANCE CENTER
TESTING AND SPECIAL INSPECTION SERVICES

1.0 SCOPE OF WORK

The scope of work includes providing The University of California Berkeley (Owner's) quality assurance and engineering testing services during construction of the Student Athlete High Performance Center (SAHPC). Interested firms should submit written statements of qualification to the address below.

The project is a \$100M 2 level, 148,000 square foot facility that includes training rooms, locker rooms, offices and other support spaces for the SAHPC. The current schedule indicates that the project will start bid building systems in October '07 and begin construction in early '08. Substantial completion is planned for mid 2010. The proposal shall include all construction services outlined in the plans and specifications. The Plans and Specification can be obtained by calling URS at 415-547-2512 or e-mail cherie_damaso@urscorp.com.

2.0 SCOPE OF INSPECTION AND TESTING SERVICES

The scope of services includes the following:

The scope of Package 1 includes the installation of new underground water lines for domestic and fire services to the Student Athlete High Performance Center and the International House buildings by the UCB. EBMUD and UCB will construct the new service connections made to an existing high pressure water line in Prospect Street extending up to and including a new water meter vault in Prospect Court.

The scope in package 3A includes selective demolition of existing fences and walkways, installation of the balance of perimeter construction fence including all gates, installation of a wall beam at the west wall of the stadium, installation of soil cement shoring wall at the west wall of the stadium, shoring, and include tiebacks (design build) for the north, west and south walls of the SAHPC.

The scope of Package 3B includes mass excavation, utility relocation, and temporary exit structure if required.

The scope for Package 4 includes all work to complete the SAHPC project.

Each candidate should thoroughly review the construction documents to determine and verify the full extent of the testing and inspection services required. It is the intention for each of the proposing firms to separate the cost of providing testing and inspection services to each package based on the following requirements:

- Provide qualified field and laboratory personnel to conduct tests as directed in writing by the owner with the inspectors for this project to have appropriate certifications, reviewed, and approved by the owner prior to their performing any work on the project.
- Provide the results to designated personnel with the UCB's specified time limits to maintain project progress.
- Keeping accurate records of time and test units conducted for monthly billing.
- Provide the engineering management as project progresses appropriate documentation at the completion of the work.

Special Testing and Inspection services for the Project shall include the following as required by the California Building Code (CBC) and Specifications:

Earthwork (On-Site)

Building Pads - Pavement Section - Trench Backfill - Structural Support

Reinforcing Steel (Sampling and Placement)

Concrete (all areas) placement and sampling

Structural Masonry

Structural Steel / Metal Deck / Stairs

Epoxy Coatings / Waterproofing (optional/alternate)

Administration

Pre-Cast Architectural Concrete

Project Administration Costs

Additional Off-Site

The above is based on a one-hour show-up charge and half hour increments thereafter, and does not include retests and/or re-inspections.

Testing and Inspection Services is subject to prevailing wage provisions, i.e., certified payroll.

The inspection firm is to provide daily reports of all inspections/testing within 24 hours of performing the work to the owner to the on-site Construction Manager. The inspection firm will coordinate with the UCB Inspector for all inspections. All inspection staff is to sign in and out with the Construction Manager, or IOR when arriving and leaving the site. Upon departure the inspection staff will deliver a preliminary results summary to the Construction Manager or IOR.

All failures are to be tracked and presented in a spreadsheet format (MS Excel) to the owner and on-site Construction Manager at the end of each week.

The inspection services will be provided on a time-and-materials basis on a unit price basis for all Testing and Inspection Services. Invoices will be provided to the OWNER monthly and will itemize the type and date of work performed for each individual, the quantity and unit cost, a monthly total, and a cost to date for all work. Each monthly invoice will highlight the costs for retests on an item and/or per hour basis.

3.0 LEVEL OF EFFORT FOR INSPECTION & TESTING PROCESS

The following outlines the level of effort expected:

- 1.1 Perform Inspections, Field Tests, Off-site Tests, Sample collection, Material ID- This item provides reimbursement at prevailing wage rates (Senior Engineering Technician I) for a field technician to perform tests in accordance with applicable standard procedures and perform requested inspections. The rate includes all on-site testing for a single technician only, rounded to the nearest half hour, beyond the minimum 1 hour unit. The reimbursement is for all basic reporting, equipment charges, insurance, training, billing, safety programs, invoicing, QA/QC, administrative services or other expenses required to provide competent on-site testing services. The rate also includes professional and non-professional supervision, routine report generation, and routine report review.

It is the responsibility of the firms providing service at this rate to confirm the actual time on-site with the assigned Construction Management Project Inspector on a daily basis. Failure to do this may result in time being reduced from invoices submitted to the Construction Manager's discretion.

If any laboratory test can be conducted on-site (such as a single check point on an optimum moisture/Maximum Density curve) should be considered part of this cost and not charged for a laboratory test.

The reimbursement may not be used for a second, third, etc. technician on a job site. Prevailing wage rates allow for alternate wage classifications for multiple technicians. When these situations arise which require more than one technician on a project at one time - please contact Construction Manager to negotiate an appropriate fee.

The reimbursement does not include travel time. The reimbursement does not include costs for non-routine report preparation such as submittal review, RFI response, providing recommendations or conclusions beyond passing or failing tests or specifications. Item number 1 includes reimbursement for all reporting requirements required by the applicable test method. Time to prepare non-routine report can be charged using the Registered Engineer, Project Manager, and/or Administrative Staff fees on the enclosed schedule if approved by the Construction Management.

- 1.2 Overtime – this item includes all of the reimbursements described in Item 1, covers the

1.5 times the prevailing wage rates (Senior Engineering Technician I) for a field technician to perform tests in accordance with applicable standard procedures, and perform requested inspections beyond 8 hours per day but no more than 12 hours per day. The overtime rate covers any on-site work required to be completed on Saturday.

The reimbursement may not be used for overtime on second, third (or more) technicians on a job site. This reimbursement should not be used past 12 hours in one day (including travel time). This reimbursement does not cover overtime on second shift, holiday or other rates applicable for anything beyond first shift, and straight time up to 12 hours per day.

2. Engineering Technician - this item provides reimbursement at prevailing wage rates for the second through sixth field technicians to simultaneously perform on-site test of shop inspections in accordance with applicable specified procedures and perform requested inspections. All other stipulations made in Item 1 apply to this item also.

- 2.1 Overtime – this item includes all of the reimbursements described in Item 2, covers the 1.5 times the prevailing wage rates (Engineering Technician I) for a field technician to perform tests in accordance with applicable standard procedures, and perform requested inspections beyond 8 hours per day, but no more than 12 hours per day. The overtime rate covers any on-site work required to be completed on Saturday.

The reimbursement may not be used for overtime on second, third (or more) technicians on a job site. This reimbursement should not be used past 12 hours in one day (including travel time). This reimbursement does not cover overtime on second shift, holiday or other rates applicable for anything beyond first shift, straight time, up to 12 hours per day.

3. Sample Pick-Up - this item provides reimbursement at prevailing wage rates (Senior Engineering Technician I) for a field technician to travel from the office or job-site to the requested job site or off-site location, and obtain soil, aggregate, concrete, etc. Sample Pick-Up includes all premium prevailing wage time for after hours, Saturdays and/or Sunday pick-ups. If sample pick-up requires travel beyond the Berkeley and East Bay Metropolitan Area – UCB approval must be received prior to travel.
4. Registered Civil Engineer – reimbursement to attend meetings and review/prepare required correspondence beyond required reports or evaluations included in other unit costs (requires OWNER approval prior to work). This charge can be billed in one-half hour increments for professional engineering services required beyond reporting of results and conclusions regarding field observations made as part of Item 1.0. If requested by OWNER staff, this reimbursement is to provide professional engineering evaluation and/or review of construction related conditions and for recommendations or conclusions in support of the project.
5. Project Manager – non-registered engineer or a technician who performs management duties, attend meetings, and prepare required correspondence beyond required reports or

evaluations which are included in other unit costs (requires OWNER approval prior to work). This charge can be billed in one-half hour increments for non-professional engineering evaluation and/or review of construction related conditions and for recommendations or conclusions (under the direction of a professional engineer) in support of the project.

6. Administrative Staff – reimbursement for mass document copying, file searches, etc. (requires OWNER approval prior to work). Note: cannot include any costs for billing. This charge can be billed in one-half hour increments for administrative services required beyond reporting of results collected as a part of any other item. This reimbursement is to provide administrative time to respond to OWNER/staff requests.
7. Drafting – reimbursement for drafting services (requires OWNER approval prior to work). This charge can be billed in one-half hour increments for drafting services required beyond reporting of results collected as a part of any other item. If requested by OWNER/staff reimbursement is to provide drafting services to respond to OWNER requests.

The following items apply to all items in the Fee Schedule:

- A deduction of 25% of the unit cost will be applied as a penalty for any test result or report which is not provided within the specified testing time limit (from sampling event or authorization to perform) or as agreed to with the Construction Manager. This applies only to those items for which no penalty formula is specified in the item description above.
- The OWNER reserves the right to utilize the tests and rates listed in the fee schedule as needed. Some inspections, tests unit costs, etc. may not be required during the project and may not be used. Listing a cost for a test or service in the fee schedule does not guarantee that the service will be utilized or required. All services will require authorization from the Construction Manager prior to the work. The OWNER is not obligated to provide reimbursement for work not authorized.

3.0 PROPOSAL CONTENT

The proposal must not exceed 50 pages and shall provide sufficient information to allow the UCB to evaluate the Consultant's approach, experience, staff availability, the number of hours per task, hourly and testing rates. Proposals shall include the following information:

- Discussions of Consultant's approach to the Project Testing and Inspection Services.
- Descriptions relevant at least five projects of 50,000 square feet or larger where the Consultant (s) has accomplished similar services for the scope described to include client contact and phone number for the five projects listed.
- A resume of staff to be assigned to the project, a statement regarding availability of staff

to begin the project, and availability throughout the project as needed.

- Cost to accomplish the scope of work providing unit prices for all Testing and Inspection Services (hourly rates and maximum fee).

The respondent must submit five copies of the proposal - each signed by an authorized representative of the firm. Proposal must be submitted to arrive no later than the close of business, 5:00 P.M. on October 31, 2007, to:

Dave Bautista, AIA, Program Manager
URS Corporation
100 California Street, Suite 5000
San Francisco, CA 94111
E-mail: dave_bautista@urscorp.com

4.0 SELECTION PROCESS

The UCB will review all proposals, select, and rank the three most qualified Consultants. The selection and rankings will be based on the criteria listed. The order of criteria indicates the importance or weighing of each criteria used in the evaluation. The University shall negotiate with the highest ranked Consultant on the tasks, staffing, schedule and a maximum not-to exceed fee. Negotiations may be formally terminated if they fail to result in a contract within a reasonable amount of time. Negotiations will then ensue with the second ranked Consultant, and if necessary, the third ranked Consultant.

The successful firm will be required to sign the University's Professional Services Agreement, which is posted for review at <http://www.cp.berkeley.edu/PSA.pdf>.

The University of California is an Equal Opportunity Employer – Minorities and women are encouraged to apply. 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. Each candidate firm will be required to show evidence of its equal employment opportunity policy.