

University of California,  
Santa Barbara



**GENERAL  
CONTRACTOR  
PREQUALIFICATION  
DOCUMENTS**

**PROJECT NAME:**

Trace Metal Clean  
Laboratory Project

**PROJECT NUMBER:**

FM180214P

March 2018



GENERAL CONTRACTOR PREQUALIFICATION QUESTIONNAIRE (PASS/FAIL)

University of California, Santa Barbara
Trace Metal Clean Laboratory Project
RFQ No. FM180214P

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## PREQUALIFICATION QUESTIONNAIRE

### 1. PROJECT SUMMARY

Subject to conditions prescribed by the University of California, Santa Barbara ("University"), responses to the subject General Contractor Prequalification Questionnaire are sought from qualified contractors holding a current B- (General Building) contractor's license.

Interested firms must be pre-qualified under the terms of this Prequalification Questionnaire, in order to be allowed to submit a bid in response to the forthcoming Trace Metal Clean Laboratory Project ("Project"). The Project is tentatively scheduled for competitive bidding by the University in early-April 2018.

The successful Contractor will be required to install specialized metal-free systems from a specialized manufacturer. Air Control (or approved equal) will be the manufacturer of the laboratory casework and hoods used as the basis of design.

**Description of Work:** The successful bidder will be required provide all labor, materials, equipment, tools, transportation, insurance, and services associated with the Trace Metal Clean Laboratory at Webb Hall project described in the Construction Documents including, but not limited to, construction of a new ISO certified cleanroom laboratory suite for the Department of Earth Science that will be housed on the 2<sup>nd</sup> floor of an existing building on the University campus.

The new lab will be used by one of the nation's preeminent geochemists who is conducting cutting edge research using isotopic and chemical composition of lavas to gain insight into the make-up of the Earth's deep interior. This level of research requires a metal-free clean lab and an adjacent precision instrument room that will contain a thermal ionization mass spectrometer [TIMS]. Several laminar flow fume hoods will be incorporated into the Project.

Based upon projected needs, the assignable square footage for this project is anticipated to be approximately 1,039 square feet. The laboratory includes two (2) separate suites; both highly specialized and ultra-clean. The suites are generally described as follows:

- (1) The **TMCL Clean Suite** will be a metal-free series of rooms. No exposed metal is allowed inside the finished envelope. This suite includes laboratory casework systems, one (1) perchloric acid hood, two (2) horizontal laminar flow hoods, ten (10) vertical flow laminar hoods, two (2) sinks with DI purified water supply. There must be no exposed metals, sheet rock or plaster in the TMCL Clean Suite including no exposed metals in the DI water line (the portion exposed to water flow) from the DI source to the point of use.
- (2) The **TIMS Instrument Suite** will house a Thermal Ionization Mass Spectrometer (TIMS) instrument. This suite may have exposed metal inside the finished envelope. This instrument is University-furnished and University-installed. There must be no exposed sheet rock or plaster in the TMS Instrument Suite.

The overall scope of Work will include architectural, mechanical, plumbing, structural, electrical, and fire protection modifications & automatic fire extinguishing piping (inside laboratory suites for future use only).

**Testing & Certification Standards:**

The clean spaces will be tested and certified in accordance with Table 1 below.

CLEANROOM TEST & CERTIFICATION								
Room	Design Class	Test/Cert Class (As-Built)	Airflow Velocity, Volume (Filter Face & Room)	Filter Leak Test	Airborne Particle Counts / Class (0.1, 0.5, 1, & 5 um Particles)	Pressure	Temperature	Humidity
Gowning/Airlock	ISO 6	ISO 6	X	X	X	X	X	
Clean Prep	ISO 6	ISO 6	X	X	X	X	X	
Balance Room	ISO 6	ISO 6	X	X	X	X	X	X
Clean Lab 1	ISO 5	ISO 5	X	X	X	X	X	
Clean Lab 2	ISO 5	ISO 5	X	X	X	X	X	
Clean Lab 3	ISO 5	ISO 5	X	X	X	X	X	
TIMS Prep	ISO 6	ISO 6	X	X	X	X	X	
TIMS Machinery	ISO 6	ISO 6	X	X	X	X	X	
Laminar Hoods	ISO 4	ISO 4			X			

**Estimated Construction Cost:** \$2,911,235.00

**Prequalified Cleanroom Consultant Firms:** Prime bidders must hire one of the following PRE-QUALIFIED Clean Room Protocol Management firms (listed in no particular order) to perform the clean room management services detailed in the forthcoming Construction Documents:

**Abbie Gregg, Inc.**  
 1130 E. University Dr. Ste. 105  
 Tempe AZ, 85281  
 Ph: (480) 446-8000  
 Fax: (480) 446-8001  
[www.abbiegregg.com](http://www.abbiegregg.com)

**Cleanroom Management**  
 2669 Mark West Station Rd.  
 Windsor, CA 95492  
 Ph: (408) 426-6140  
 Fax: (707) 837-5130  
[www.crmcleanrooms.com](http://www.crmcleanrooms.com)

**Protocol Management Svcs.**  
 100 John L. Dietsch Sq.  
 North Attleboro, MA02760  
 Ph: (508) 695-0780  
 Fax: (508) 695-3101  
[www.pmsiclean.com](http://www.pmsiclean.com)

**2. GC PREQUALIFICATION PROCEDURES**

The prequalification process will be conducted in a single step (or “Level”) and will result in the screening and selection of prequalified finalists who will be pre-qualified to submit a prime bid on this Project.

**Only Level I prequalified bidders will be permitted to submit a bid.** An award will be based on a Best Value Selection methodology with the resulting selection representing the best combination of price and qualifications and other technical factors. The scoring methodology used to determine the basis of award will be detailed in the Construction Documents.

Level 1 Prequalification Documents will be posted on the UCSB Contracting Services website at <http://web.facilities.ucsb.edu/contracts/qualifications/> for review and/or download on March 26, 2018. Interested firms may contact Liana Khammash, University Representative, at [liana.khammash@ucsb.edu](mailto:liana.khammash@ucsb.edu) for assistance or additional information.

Each prospective prime bidder must submit five (5) hard copies of each firm's completed Level 1 Prequalification Documents and an electronic (.pdf) copy of its bid that is stored on either a CD or thumb drive. The submittal package must be delivered to the University by **Tuesday, April 3, 2018 at 4:00 PM** at the following address:

Attn: Greg Moore, Associate Director  
University of California, Santa Barbara  
Facilities Management, Building 439, Room 'E'  
Santa Barbara, CA 93106-1030

The University reserves the right to request, receive, and evaluate supplemental information after the above time and date at its sole discretion. The University reserves the right to reject any or all responses to Prequalification Documents and to waive non-material irregularities in any response received.

The successful bidder and its subcontractors will be required to follow the nondiscrimination requirements set forth in the Construction Documents and to pay prevailing wage at the location of the work. The work described in the contract is a public work subject to section 1771 of the California Labor Code.

No contractor or subcontractor, regardless of tier, may be listed on a bid for, or engage in the performance of, any portion of this project, unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 and 1771.1. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

### **AFFIRMATIVE ACTION STATEMENT**

Each candidate firm may 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.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
University of California, Santa Barbara

*Advertised: 3/26/2018*

**3. TENTATIVE BID SCHEDULE FOR PREQUALIFIED BIDDERS**

**Advertisement for Bids:** Early-April 2018

**Bid Opening:** April 24, 2018

**Notice of Award to General Contractor:** May 4, 2018

**NTP Issued:** May 15, 2018

**4. GENERAL INSTRUCTIONS**

- A. Each prospective bidder must respond to each of the questions listed in the Prequalification Questionnaire and provide the information requested therein. Any Contractor failing to do so may be deemed 'not prequalified' with respect to this particular project, thereby eliminating that firm from further consideration in the competitive bidding process.
- B. All Contractors submitting a complete Prequalification Questionnaire will be notified in writing as to whether or not they have successfully been prequalified to participate in the competitive bidding process.
- C. Only those Contractors that have been prequalified will be eligible to submit a bid as a prime bidder (i.e., General Contractor) for the subject project.
- D. If a prospective bidder is deemed by the University to be "not prequalified," the prospective bidder may request a review by the University. Any such request must be received by the University within three (3) calendar days after the prospective bidder's receipt of the University's determination.
- E. The decision resulting from such review is final and is not appealable within the University of California. Any person or entity not satisfied with the outcome of the prequalification process described below must file a writ challenging the outcome within ten (10) calendar days from the date of the University's written notice regarding prequalification determination. Any assertion that the outcome of the prequalification process was improper will not be a ground for a bid protest.

All information submitted for prequalification evaluation will be considered official information acquired in confidence, and the University will maintain its confidentiality to the extent permitted by law.

WHERE NECESSARY, COPY THE FORMS IN THIS PACKAGE. USE ONLY THE FORMS PROVIDED HEREIN.

**5. LICENSE & CERTIFICATION(S)**

- A. Does your firm hold the following California contractor's license(s), which is current, active and in good standing with the California Contractor's State License Board?

*License Classification:* General Building Contractor    *License Code(s):* B-

YES       NO

License Number(s): \_\_\_\_\_

*(NOTE -The entity submitting this prequalification questionnaire must be the holder of the requisite license.)*

An entity wishing to use a predecessor business to satisfy qualification requirements must demonstrate with written information submitted with this Prequalification Questionnaire that it is substantially the same organization as the predecessor business. An entity may meet the requirement of the preceding sentence by demonstrating that the same person is the qualifying individual (under California Contractor's License Law) for:

1. Contractor's license shall be the same type as license required for the Contract; and
2. Contractor's license of predecessor business which shall also be the same type as the license required for the Contract.

- B. Has your firm's contractor's license has been suspended or revoked by the California Contractor's State License Board within the last five (5) years?

YES       NO

**6. SAFETY**

- A. Does your firm have a written safety program that meets CAL/OSHA requirements?

YES       NO

- B. Has your firm had any Cal-OSHA fines in the Serious or Willful categories within the past five (5) years?

YES       NO

Note: Failure to answer "YES" to question "5(A)" and "NO" to question "5(B)" will result in the firm being deemed "not prequalified," thereby eliminating that firm from further consideration in the competitive process. A firm's failure to answer "YES" to question "6(A)" and "NO" to question "6(B)" or provide an acceptable explanation for its response, determined at the University's sole discretion, will result in that firm being deemed "not prequalified," thereby eliminating that firm from further consideration in the competitive process.

**7. DISCIPLINARY MEASURES HISTORY**

Has your firm under its current name or under any other alias been disqualified or otherwise barred from doing business with a public agency (e.g., federal, state, county, city, University of California System, California State University System, school district,) within the last ten (10) years?

YES  NO

**8. FALSE CLAIMS HISTORY**

Has your firm been found in a final decision of a court to have submitted a false claim to a public agency (e.g., federal, state, county, city, University of California System, California State University System,) within the last five (5) years?

YES  NO

**9. LIQUIDATED DAMAGES**

In the last five years, has your firm been assessed liquidated damages of more than \$5,000 on a construction contract with either a public or private owner?

YES  NO

**10. TERMINATION**

Has your firm been terminated for cause by an Owner or public agency after construction commenced within the last five (5) years?

YES  NO

Note: Failure to answer "NO" to questions "7" and "8" will result in that firm being deemed "not prequalified", thereby eliminating it from further consideration in the competitive process. A firm's failure to answer "NO" to question "9" and "10", or provide an acceptable explanation for a "YES" response, determined at the University's sole discretion, will result in that firm being deemed "not prequalified," thereby eliminating it from further consideration in the competitive process.



**11. SURETY**

- A. Is your firm able to obtain both payment and performance bonding in an amount of **\$2,900,000**?

YES  NO

- B. Has a surety paid out any monies on claims on the **performance bond** issued by a surety for the benefit of an Owner arising out of the construction activities of the your firm within the last five (5) years?

YES  NO

- C. Has a surety paid out any monies on claims on the **payment bond** issued by a surety for the benefit of the an owner or one of your firm's subcontractors, suppliers or materialmen arising out of the construction activities of your firm within the last five (5) years?

YES  NO

Note: A firm's failure to answer "YES" to question "11A" above will result in that firm being deemed "not prequalified", thereby eliminating it from further consideration in the competitive process. Further, a firm's failure to answer "No" or, in the University's sole discretion, provide an acceptable explanation for a "Yes" response to questions "11B" and "11C" will result in that firm being deemed "not prequalified", thereby eliminating it from further consideration in the competitive process.

*This area intentionally left blank.*

**11. CONTRACTOR QUALIFICATIONS & EXPERIENCE****A. REQUIRED EXPERIENCE (Comparable Projects):**

Your firm, acting in the role of General Contractor, must have successfully completed at least three (3) comparable projects within the last ten (10) years. Each comparable project must be described on the attached Project Data Sheet (see Attachment 'A') and must satisfy the minimum experience criteria listed below.

Subject to the above qualifications, a "comparable project" is defined as having both the following characteristics 1 and 2:

1. The project included the building of a laboratory or equivalent facility that included the installation of chemical fume hoods for use within an ISO Class 6 or better certified cleanroom space(s); **AND**
2. The **total** construction cost for the entire project at the time of bid was at least \$1,000,000.

**B. DESIRABLE EXPERIENCE (*Not required, for information only*)**

1. Does your firm have experience with the construction of metal-free cleanroom spaces including installation of non-metal chemical fume hoods for use within ISO Class 6 or better certified cleanroom?

YES  NO

2. Does your firm have experience building comparable cleanroom facilities where the general requirements for all personnel, components, materials, equipment, tools, in accordance with Cleanroom protocol requirements utilized in the construction, start-up, commissioning, and certification of the Cleanroom space(s).

YES  NO

Note: Failure to submit a Project Data Sheet (see Attachment 'A') for at least three comparable projects which satisfy the requirements set forth under question "11(A)" may result in the Contractor being deemed "not prequalified", thereby eliminating that firm from further consideration in the competitive process.

*This area intentionally left blank.*

**PREQUALIFICATION DECLARATION**

I, \_\_\_\_\_ (Printed Name),  
hereby declare that I am the \_\_\_\_\_ (Title)  
of \_\_\_\_\_ (Name of Entity)  
submitting this Prequalification Questionnaire; that I am duly authorized to sign this  
Prequalification Questionnaire on behalf of the above named entity; and that all  
information set forth in this Prequalification Questionnaire and all attachments hereto  
are, to the best of my knowledge, true, accurate and complete as of its submission date.

The undersigned declares under penalty of perjury that all of the qualification information  
submitted with this form is true and correct and that this declaration was executed in  
\_\_\_\_\_ (County), \_\_\_\_\_ (State) on \_\_\_\_\_ (Date).

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed Name)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State, Zip Code)

\_\_\_\_\_  
(Telephone Number)

\_\_\_\_\_  
(Facsimile Number)

\_\_\_\_\_  
(E-mail - optional)

COMPLETE AND SUBMIT A PROJECT DATA SHEET FOR EACH COMPARABLE PROJECT.

**ATTACHMENT 'A'**  
**PROJECT DATA SHEET**

(A separate sheet must be prepared for each comparable project submitted.)

1. Project Name: \_\_\_\_\_
2. Project Location (including full address, if any):  
\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

3. Project Description: \_\_\_\_\_
4. Construction Type: \_\_\_\_\_
5. Size (gross sq. ft.): \_\_\_\_\_
6. Business name of General Contractor that constructed this project:  
\_\_\_\_\_

7. Did your firm perform either the **General Building (B-)** portion of the Work on this project?  
YES  NO

8. Explain how is this project comparable to the UCSB project to be bid?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ *[provide separate written detail, if necessary]*

9. Cost at Time of Bid:                 \$ \_\_\_\_\_  
Cost at Final Completion:         \$ \_\_\_\_\_

10. Describe the sources and/or causes of the above differences in costs with reference to the following categories:

Document Problems:	\$ _____
Unforeseen Conditions:	\$ _____
Owner Generated Scope:	\$ _____
Regulatory Agency:	\$ _____
Other:	\$ _____

Explain Other: \_\_\_\_\_

11. Was construction of the project completed within the last ten (10) years?  
YES  NO   
Start Date (NTP): \_\_\_\_\_ Completion Date: \_\_\_\_\_

12. \_\_\_\_\_ Contract Time at bid date (Number of calendar days)  
\_\_\_\_\_ Formally adjusted Contract Time (Number of calendar days; if not adjusted, state "Not Applicable")

If completion did not occur within the Contract Time at bid date or within the formally Adjusted Contract Time, then explain the reason(s) for the delay:

\_\_\_\_\_  
\_\_\_\_\_

13. Were either liquidated damages or actual damages for delay assessed by the Owner on this project?

YES  NO

14. Project Owner Name: \_\_\_\_\_  
Project Owner Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
(Telephone Number) \_\_\_\_\_ (Facsimile Number) \_\_\_\_\_  
E-mail Address-optional: \_\_\_\_\_

*(Attach additional pages with other pertinent project information as necessary.)*