

ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by the University of California, Santa Barbara, sealed bids for a Lump Sum Contract are invited for the following Work:

Project Name: Trace Metal Clean Laboratory at Webb Hall, Bldg. 526

Project No.: FM180214LR/981970

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, the construction of a new ISO-certified cleanroom laboratory suite for the Department of Earth Science that will be housed on the 2nd 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] (see Bid Alternate No 1). 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 650 square feet. The overall scope of Work will include architectural, mechanical, plumbing, structural, electrical, and fire protection additions fire alarm modifications inside the Trace Metal Clean Laboratory ("TMCL") and two (2) offices.

The laboratory includes (2) separate suites and a UFCI Laboratory Furnishing package. Both suites are highly specialized and ultra-clean:

- (1) One (1) Suite (**TMCL Clean Suite**) will be metal-free. No exposed metal is allowed inside the finished envelope. This suite includes laboratory casework systems, (2) horizontal laminar flow hoods, (10) vertical flow laminar hoods, (2) sinks with DI purified water supply. There must be no exposed metals, sheet rock or plaster in the TMCL Clean Suite and in the DI water line (the portion exposed to water flow) from the DI source to the point of use.
- (2) One (1) Suite (TIMS Instrument Suite) will house a Thermal Ionization Mass Spectrometer (TIMS) instrument (see BID ALTERNATE NO. 1). This suite is a cleanroom suite that may have exposed metal inside the finished envelope. The TIMS instrument is University-furnished and University-installed. There must be no exposed sheet rock or plaster in the TIMS Instrument Suite.
- (3) Laboratory Furnishing package ("LF") package shall be University-Furnished, Contractor-Installed ("UFCI"). The University has ordered the equipment under a purchase order that shall be assigned to the Contractor for installation and commissioning per the requirements outlined in contract drawings and specifications. The LF package shall include laboratory casework and other

furnishings, clean room laminar flow fume hoods, and related accessories and appurtenances. Contractor shall provide labor and material for complete the installation and commissioning per the requirements outlined in contract drawings and specifications. Contractor shall provide coordination as needed with manufacturer to ensure full compliance with Contract Documents. UFCI Cleanroom fume hoods and other air containment units shall be purpose-designed specifically for ISO classified cleanroom use with trace metals analysis. Materials of construction and finishes that may shed particles or off-gas vapors shall not be used. All materials and surfaces exposed to room air and hood internal chamber airstream shall be non-metallic or purpose-coated materials to encapsulate metals to avoid any exposed metal surfaces.

General Information: Each bidder's lump sum base bid shall include an Allowance in the amount of \$75,000 to address Cleanroom Construction Protocol Management Services provided by one of the three (3) prequalified firms listed below. The selected firm will assist the University and Contractor maintain the cleanroom construction protocol management per the contract requirements and during construction of the University's Trace Metal Clean Laboratory project.

A University-issued Notice to Proceed ("NTP") is anticipated to be issued on or around April 15, 2019. The Construction period is six (6) Months after the commencement date included in the NTP.

Estimated Construction Cost: \$2,221,893.00

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 specified cleanroom management services:

Abbie Gregg, Inc.

1130 E. University Dr. Ste. 105
Tempe AZ, 85281
Ph: (480) 446-8000
Fax: (480) 446-8001
www.abbiegregg.com

Cleanroom Management

2669 Mark West Station Rd.
Windsor, CA 95492
Ph: (408) 426-6140
Fax: (707) 837-5130
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

Construction Documents: Construction Documents will be available to Bidders on February 15, 2019 via electric download from the University's online planroom at <http://ucsbplanroom.com/>. Once registered on the UCSB planroom site, prospective bidders may view and/or download the Bidding Documents for free.

NOTE: It is the sole responsibility of prime contractors to register at www.ucsbplanroom.com/ in order to be able to receive and view project updates, addenda, and full versions of the Construction Documents. Contractors are responsible to update their user profile on the University's planroom website, in order to receive ongoing project updates and notifications.

As an alternative, interested parties may purchase a hard set copy from CyberCopy for a non-refundable fee of the actual cost of reproduction. Arrangements for payment and receipt of all hard copy sets should be made directly with CyberCopy at:

CyberCopy
504 N. Milpas Street, Santa Barbara, California 93103
Phone: (805) 884-6155 Fax: (805) 884-5955

Pre-Bid Meeting: A mandatory Pre-Bid Conference and mandatory Pre-Bid Job Walk will be conducted on February 22, 2019 beginning promptly at 1:30 PM. Participants shall meet at:

Facilities Management Building 594
Learning Center Conference Room
University of California, Santa Barbara
Santa Barbara, California

Only bidders who participate in both the Conference and the Job Walk in their entirety, will be allowed to bid on the Project as prime contractors.

Please note: Bidders are advised that there may be traffic congestion and parking may be difficult. Bidders should allow ample time to drive to the above location in heavy traffic, find a parking space, walk to the building, and arrive in the designated meeting room prior to the required time. Any prospective Bidder arriving after the above designated starting time may be disqualified from submitting a bid for this project.

University Contact: For further information please contact University's Representative, Liana Khammash at liana.khammash@ucsb.edu.

Bid Deadline: Sealed bids must be received on or before 2:30 PM on March 12, 2019 at:

Contracting Services
Facilities Management, Building #439
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, California 93106-1030

Bid Security in the amount of 10% of the Lump Sum Base Bid shall accompany each Bid. The Surety issuing the Bid Bond shall be, on the Bid Deadline, an admitted surety insurer (as defined in California Code of Civil Procedure Section 995.120).

The successful Bidder will be required to have the following California current and active contractor's license at the time of submission of its Bid:

General Building Contractor

License Type

B-

License Classification

The successful Bidder and its Subcontractors will be required to follow the nondiscrimination requirements set forth in the Bidding Documents and to pay prevailing wage rates at the location of the Work. Every effort will be made to ensure that all persons shall have equal access to contracts and other business opportunities with the University within the limits imposed by law or University's policy. Each Bidder may be required to show evidence of its equal employment opportunity policy.

The work described in the contract is a public work subject to section 1771 of the California Labor Code. No contractor or subcontractor may be listed on a Bid for this project unless registered with the Department of Industrial Relations ("DIR") pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

(Advertisement/RFB date: 2/11/19)