
Request for Proposal

UC Davis Health Central Plant
LM2500 Gas Turbine Combustor Replacement



Request for Proposal # Gas Turbine Combustor 04-07-25-DJ

Date Issued: 04/07/2025

Due Date: 04/21/2025

**Submitted by the
University of California Davis Health**

This RFP is also available at: <https://health.ucdavis.edu/supplychain/>

All questions regarding this RFP should be directed to:

Dave Johnson
UCDH Procurement and Strategic Sourcing Department
Email: ucdjohnson@ucdavis.edu
Phone: (916) 734-2352

Questions should not be directed to any other University departments or staff. Material or substantive information provided to any bidder, as a result of questions received, will be provided to all bidders via an addendum to this RFP.

Table of Contents

SECTION I – RFP INSTRUCTIONS AND TIMELINE	4
SUBMISSION OF WRITTEN QUESTIONS OR REQUEST FOR CLARIFICATION	4
RESPONSES TO WRITTEN QUESTIONS	4
PROPOSAL SUBMITTAL INSTRUCTIONS.....	4
RFP SCHEDULE OF EVENTS	4
ADDENDUM OR SUPPLEMENT TO REQUEST FOR PROPOSAL	4
BASIS OF AWARD.....	5
SECTION II – GENERAL INFORMATION.....	5
UNIVERSITY OF CALIFORNIA AT DAVIS HEALTH PROFILE.....	5
SECTION III – PROJECT BACKGROUND AND OBJECTIVES.....	7
BACKGROUND	7
SECTION IV – SCOPE OF WORK	7
REQUIRED SERVICES.....	7
SECTION V – REQUEST FOR PROPOSAL FORMAT.....	8
INTRODUCTION	8
SECTION VI – TERMS AND CONDITIONS	9
PROPOSAL CONDITIONS	9
CONTRACT TERMS AND CONDITIONS.....	11
AUTHORIZED SIGNATURE	13

DISCLOSURES

Deviations from specifications: Any deviation from the specifications shall be identified and fully described. The right is reserved to accept or reject quotations on each item separately, or as a whole, and to waive any irregularities in the quotation; irregularities may, however, render the quotation non-responsive.

Public disclosure: Responses to Become Public Records:

All materials submitted in response to this solicitation become a matter of public record and shall be regarded as public record.

Designation of Confidential Information:

The Regents will recognize as confidential only those elements in each response, which are trade secrets as that term is defined in the law of California and which are clearly marked as 'TRADE SECRET,' 'CONFIDENTIAL,' or 'PROPRIETARY.' Vague designations and blanket statements regarding entire pages or documents are insufficient and shall not bind The Regents to protect the designated matter from disclosure.

The California Public Records Act limits The Regents' ability to withhold prequalification and bid data to trade secrets or records, the disclosure of which is exempt or prohibited pursuant to federal or state law. If a submittal contains any trade secrets that a Bidder does not want disclosed to the public or used by The Regents for any purpose other than evaluation of the Bidder's eligibility, each sheet of such information must be marked with the designation "Confidential." The Regents will notify the submitter of data so classified of any request to inspect such data so that the submitter will have an opportunity to establish that such information is exempt from inspection in any proceeding to compel inspection.

The Regents Not Liable for Required Disclosure:

The Regents shall not in any way be liable or responsible for the disclosure of any records if they are not plainly marked 'TRADE SECRET,' 'CONFIDENTIAL,' or 'PROPRIETARY,' or if disclosure is required by law or by an order of the court.

SECTION I – RFP INSTRUCTIONS AND TIMELINE

Submission of Written Questions or Request for Clarification

Inquiries regarding this RFP must be received by **3:00 PM PDT on 04/14/2025**. The UCDH contact person is listed below. Questions may only be sent via email.

Dave Johnson
UCDH Procurement and Strategic Sourcing
Email: ucdjohnson@ucdavis.edu

Responses to Written Questions

Responses to inquiries will be posted as an addendum. The addendum will contain all questions received, responses to all questions and any changes. Questions will not be identified by Bidder so please do not include any Supplier-specific inquiries. Individual questions will not necessarily be answered directly to submitter.

The addendum with responses to written questions and inquiries received on this RFP will be posted no later than **as noted in schedule of events or addendums**. All questions submitted shall be responded to as an addendum to the **RFQ** and will be posted on the procurement website at: <https://health.ucdavis.edu/supplychain/>. The identity of the submitter of any particular question will not be disclosed. Inquiries and questions regarding this **RFQ** will not be entertained after the due date.

Proposal Submittal Instructions

Each Bidder is required to submit RFP by email to **Dave Johnson at ucdjohnson@ucdavis.edu**. Please include **“RFP Gas Turbine Combustor 04-07-25-DJ”** in the subject line.

All proposals submitted **must be received in the UCDH email inbox** no later than **3:00 PM PDT on 04/21/2025**. UCDH Purchasing Department will not accept proposals received after the due date and time.

RFP Schedule of Events

Event	Date
Release of Request for Proposals	04/07/2025
Deadline for Submission of Written Questions or Request for Clarification	04/14/2025
Responses to Written Questions	04/16/2025
Deadline for Submissions of Proposals	04/21/2025
Completion of Proposal Evaluation*	04/28/2025

*These are approximate dates and subject to change.

Addendum or Supplement to Request for Proposal

UCDH may modify the RFP prior to the RFP due date, by issuance of addendums posted on the procurement website. addendums will be clearly marked as such. Each addendum will be numbered consecutively and will become part of

this RFP. Any Bidder who fails to receive such addendums shall not be relieved of any obligation under this quotation as submitted.

SPECIFICATIONS OR RFP REQUIREMENTS MAY BE REVISED ONLY THROUGH WRITTEN NOTICE OF ADDENDUM ISSUED BY UNIVERSITY OF CALIFORNIA, DAVIS, HEALTH, PURCHASING DEPARTMENT. CHANGES BY ANY OTHER INDIVIDUAL ARE NOT AUTHORIZED.

Basis of Award

An evaluation committee consisting of representatives from UCDH will evaluate the responses. Responses that do not meet the qualification criteria and scope of services will not be considered for selection.

California Public Contract Code Section 10507 et seq. require that all purchase contracts and/or agreements involving an expenditure of more than \$100,000 annually be awarded to the lowest responsible bidder meeting specifications, or else all bids be rejected. The lowest responsible bidder shall be determined based on one of two bid evaluation methodologies: (1) Cost alone, or (2) Best Value.

This bid shall be evaluated based on the Best Value method. In the Best Value method, proposals are scored based on weighted evaluation criteria of price, quality, service, performance, and other elements as defined by the University, achieved through methods in accordance with Public Contract Code Section 10507.8 and determined by objective performance criteria that may include price, features, long-term functionality, life-cycle costs, overall sustainability, required services, and the reduction of overall operating costs included in the proposal

Award(s) will be made to the overall best responsive, responsible Bidder(s) whose proposal, in the sole opinion of UCDH is deemed best able to serve the needs of UCDH contained in this RFP and who have demonstrated the ability to perform the required service in an acceptable manner. Notwithstanding any other provision of this RFP, UCDH reserves the right to: (1) waive any immaterial defect or informality; or (2) reject any or all submissions or portions thereof; or (3) reissue a RFP when UCDH determines that it is in its best interest to do so (4) make an award to more than one vendor if in the best interest of UCDH to do so.

The evaluation committee reserves the right to contact, interview, and evaluate the respondent's references, contact and interview current clients, solicit information from any available source concerning any aspect of this proposal or response, and seek and review any other information deemed pertinent to the evaluation process.

UCDH reserves the right to reject or accept any or all proposals, to make more than one selection, or not select. Any resulting agreement will incorporate the terms, conditions, and requirements set forth in this RFP.

SECTION II – GENERAL INFORMATION

University of California at Davis Health Profile

UC Davis Health (UCDH) is comprised of several large entities including a large tertiary delivery system and nationally ranked Schools of Medicine and Nursing. Through leveraging these strengths, UCDH is improving lives and transforming health care by providing outstanding patient care, conducting ground-breaking research, fostering

innovative interprofessional education, and creating dynamic, productive partnerships with regional healthcare providers and the community. We are a major driver of economic prosperity in the Sacramento region and Northern California. According to a recent study, UCDH generates more than \$3.4 billion in annual economic output and more than 20,000 jobs. For every employee or dollar of output directly supported by UCDH's operations, the Northern California economy gains an additional 1.1 jobs or \$1.10 of output, respectively.

UC Davis Health harnesses the power of an entire university's nationally ranked resources and research to tackle the most pressing health care issues facing the world today. The School of Medicine is ranked #8 in primary care and #51 in research by US News & World Report. Since opening in 2010, the School of Nursing has consistently ranked in the top 50. Much of the power of UCDH comes from our clinicians and researchers, including partners working on campus and in other UC Davis schools such as the #1 ranked School of Veterinary Medicine, the nation's #3 School of Agriculture and Environmental Sciences, one of the nation's top Colleges of Biological Sciences, and an outstanding College of Engineering – all from one of the top ten 'Best Public Universities' in the entire United States.

As the region's only academic health center, UCDH is focused on providing the highest quality of care, discovering and sharing knowledge and educating and training a diverse workforce that is responsive to population health care needs. UC Davis Health is a hub of innovation that encompasses UC Davis Medical Center, UC Davis School of Medicine, The Betty Irene Moore School of Nursing at UC Davis and UC Davis Medical Group.

UC Davis Medical Center (UCDMC)

Based in Sacramento, California, the UC Davis Medical Center is a nationally recognized academic medical center where clinical practice, teaching, and research converge to advance human health. A few highlights about the medical center:

- A 646-bed multispecialty academic medical center.
- Serves 33 counties covering a 65,000-square-mile area north to the Oregon border and east to Nevada.
- Recognized as one of the "Most Wired" hospitals in the U.S.
- Ranked Sacramento's top hospital by U.S. News & World Report, #6 in California, and among nation's best in 9 adult medical specialties.

Centers of Excellence include:

- UC Davis Comprehensive Cancer Center, one of only 52 National Cancer Institute-designated comprehensive centers nationwide.
- State-of-the-art emergency department that includes the region's only Level I adult and pediatric trauma centers and a leading research center.
- Burn Center (only one in Northern California).
- The internationally recognized UC Davis MIND Institute, devoted to finding treatments and cures for neurodevelopmental disorders.
- UC Davis Children's Hospital, a nationally ranked pediatric hospital with more than 120 physicians in 33 pediatric subspecialties, first West Coast Level 1 Children's Surgical Center, in partnership with Shriners Hospital-Northern California.
- A pioneering telehealth program, which provides remote underserved communities access to academic specialty and subspecialty care.
- The UCD Alzheimer's Disease Center is one of 33 funded NIH Research Center and has been continuously funded for 29 years, supporting over \$80 million dollars in clinical and basic science research.

UCDMC Central Plant

The Central plant is located on the UCDH Sacramento Campus and provides electrical power, chilled water, heating/hot water, and process steam for building use. The Central Plant utilizes a single General Electric LM2500 Gas Turbine in a cogeneration arrangement. The Gas Turbine started commercial operation in 1998 and operates approximately 8,500 hours per year.

SECTION III – PROJECT BACKGROUND AND OBJECTIVES.

Background

PROJECT BACKGROUND AND OBJECTIVES

UC Davis Health, hereafter known as UCDH, is soliciting proposals to replace the combustor associated with the Central Plant LM2500 Gas Turbine. The current installed combustor is to be replaced with a new customer owned combustor that is currently onsite. Proposal should include the repair/refurbishment of the removed combustor.

The current combustor has approximately 47,000 hours of operation. It was repaired during a 2018/2019 Major Overhaul (MOH). Borescope Reports have reported a small burn through on the inner liner. The burn through has been monitored since May 2023 and appears to be slowly increasing. Given the number of hours on the combustor, the visible burn through, and need for high reliability during the upcoming summer months, UCDH is electing to perform the combustor replacement before the engine is forced from service.

LM2500 Specifications:

- Model: 7LM2500PE-MDWG04
- Engine Serial Number: 481-743
- Combustion: SAC with water injection for NOX control
- Fuel: Gas Only
- Original Equipment Manufacturer (OEM): GE

Installed Combustor Information:

- Part number: 9101M29G91
- Purchased new in October 2017.
- 9,600 hours of operation from October 2017 to December 2018.
- Repaired from December 2018 to June 2019.
- 47,000 hours of operation from June 2019 to February 2025.

SECTION IV – SCOPE OF WORK

All work to be performed by the OEM or an OEM Authorized Service Provider (ASP) in accordance with current OEM specifications, manuals, and service bulletins. Bidder will use only OEM approved parts in connection with this scope of work.

A) Site Services

Selected Bidder shall provide:

- Services to remove the LM2500 engine from Package.
- Services to disassemble the engine and remove the used Combustor.
- Services to inspect condition of disassembled components.
- Services to install the owner supplied new Combustor and re-assemble the engine.
- Services to remove 30 used fuel nozzles and install owner supplied refurbished fuel nozzles.
- Services to perform engine to package alignment as specified in the relevant OEM manual.
- Water injection Tuning targeting 42 PPM NOX Corrected at part loads and full load.
- Provision all equipment, supervision, tools, consumable hardware, and labor to perform the scope in this section.
- Quantity of field service personnel required to complete Site Service work in 5-days or less.
- Field report documenting all work and inspections performed.
- Field report documenting as-found and as-left Water Injection settings and emissions.

B) Combustor Overhaul

Selected Bidder shall provide:

- Packaging of the used Combustor for shipment.
- Shipment of the Combustor to an OEM authorized service facility.
- Overhaul of the Combustor in accordance with the OEM Industrial Repair Manual.
- Shipment of the Overhauled Combustor back to the UCDCM Central Plant.
- Duration of the Combustor Overhaul work is expected to be 6-months or less.
- Service report documenting all work and inspections performed.

Outage for the Combustor Replacement is expected to start on 5/12 and finish on 5/16. The removed combustor shall be shipped from site to the bidders overhaul facility within 7-days after the site service work is complete. Overhauled combustor shall be back onsite on or before 12/1/2025.

This RFP does not guarantee UCDH will pursue additional services and an expansion of scope. UCDH may at its own discretion expand upon the work being completed to include additional services based on what is found during initial inspections.

SECTION V – REQUEST FOR PROPOSAL FORMAT

Introduction

Each Bidder's response must contain the information in the following exhibits. The awarded bidder will be required to execute UC Davis Health documentation that will govern the award. Please provide all requested information in the exhibits below. Failure to include the requested information in the proposal document may result in elimination from the evaluation process.

Exhibit A – Cost proposal to be provided in the bidder’s format and include the following breakouts:

- 1) Site Services (Fixed or Time & Material). If T&M, then the proposal must include a detailed breakout of all costs including manpower, hours, rates, expenses, tooling, and freight.
- 2) Combustor Overhaul (Fixed)
- 3) T&M Rate sheet with discounts for outage related extra work.

Exhibit B – UC Terms and Conditions.

Agreement to UC Terms and Conditions or previously agreed to terms and conditions between UCDH and bidder. Requested modifications to the UC Terms and Conditions may result in the bid being removed from consideration.

Exhibit C – Authorized Service Provider (ASP) Documentation if not the OEM.

Exhibit D – Lead Field Representative Experience document.

The Lead Field Representative assigned by the bidder to perform the site service work must have performed a minimum of three LM2500 Combustor and/or Hot Section Exchange outages in the past 7 years. If the Bidder cannot commit to one individual at the time of proposal submission, then up to 3 Experience Documents can be submitted with a bidder commitment that one of the 3 individuals will be the lead for this outage barring unforeseen circumstances outside of bidder control. Experience Document shall include the individuals name, home office location, years of employment with the bidder, site names, unit types, outage types, outage start dates, outage end dates, and customer contact information.

Exhibit E – Payment Schedule.

- 1) 95% of Site Services to be billed at the completion of the outage. The final 5% can be billed after UCDH receives a completed Site Services Report and a completed Water Injection Tuning Report.
- 2) Combustor Overhaul can be billed 100% upon combustor’s delivery to UCDH. Liquidated Damages (LDs) in the amount of \$1,000 per day will apply to delays in delivery of the overhauled combustor back to UCDH. LDs will start on day 181 post outage completion.

SECTION VI – TERMS AND CONDITIONS

Proposal Conditions

Notwithstanding any other provision of the RFP, bidders are hereby advised that this RFP is solicitation of proposals only and is not to be construed as an offer to enter into any contract or agreement. Thus, UCDH reserves the right to reject any or all proposals for any reason including the following.

Incomplete or non-responsive

Generally unprofessional

Late (late bids are immediately rejected)

Exceptions to terms and conditions may be grounds for elimination from consideration.

UCDH shall have the unconditional and unqualified right to withdraw, cancel, or amend this RFP at any time. Bidders shall bear all costs associated with the preparation and furnishing of responses to this RFP. UCDH, in its sole discretion, reserves the right to determine whether any bidder meets the minimum qualification standards, to determine whether a proposal is responsive, and to select a proposal which best serves its programmatic objectives. UCDH reserves the right to negotiate a binding contract with the selected bidder.

All proposals shall be valid for a period of 180 days following the proposal submission due date.

The UCDH grants other University of California (UC) entities the right to acquire the properties and/or services from a resulting contract based on this competitively bid Request for Proposal (RFP). By submitting an RFP that results in a contract, the awarded bidder agrees to make the same bid terms and price, exclusive of freight and transportation fees, available to other University of California entities. UCDH will not be responsible for any problems or issues, which may arise between other UC entities and the awarded bidder as a result of any sales and/or purchases made.

Responses to this RFP should be made according to the instructions contained herein. Failure to adhere to RFP instructions may be cause for rejection of the proposal. A proposal which contains conditions or limitations set up by the bidder may be deemed irregular and subsequently rejected by UCDH.

False, incomplete, or unresponsive statements in the proposal response may be cause for its rejection. The evaluation and determination of the fulfillment of the RFP requirements will be UCDH's responsibility and its judgment shall be final.

UCDH reserves the right to interpret or change any provision of this RFP at any time prior to the proposal submission date. Such interpretation or change shall be in the form of a written addendum to this RFP. Such addendum will become part of this RFP and any resultant contract. Such addendum shall be made available to each agency that has received an RFP. Should such addendum require additional information not previously requested, a bidder's failure to address the requirements of such addendum in the proposal response may result in the proposal not being considered.

UCDH has, at its sole discretion, the unconditional and unqualified right to determine that a time extension is required for submission of proposals, in which case, a written RFP addendum issued by UCDH shall indicate the new submission date for proposals.

Prior to the final submission date, any bidder may retrieve its proposal to make additions or alterations. Such retrieval, however, shall not extend the final submission date.

Bidders wishing to submit proposals in response to this request do so entirely at their own expense, and submission of a proposal indicates acceptance of the conditions contained in the RFP unless clearly and specifically noted otherwise.

It is understood and agreed by UCDH and vendor that in the performance of this agreement, vendor shall be, and act as an independent contractor and not as an agent or employee of UCDH. It is expressly understood and agreed that this agreement is not intended and shall not be construed to create the relationship of agent, servant, employee, partnership, joint venture or association between UCDH and vendor. Vendor is not an employee of UCDH and is not entitled to the benefits provided by UCDH to its employees, including but not limited to, group insurance, pension plans, worker's compensation or unemployment insurance.

Bidders may not distribute any announcement or news release regarding this project without written approval by the University of California, Davis Health. Any materials to be provided to regulatory agencies, other entities, or to the public shall be submitted to the UCDH for review and distribution unless otherwise directed by a UCDH representative.

PUBLIC INFORMATION AND TRADE SECRETS - The California Public Records Act limits the ability of UCDH to withhold pre-qualification and bid data to trade secrets or records, the disclosure of which is exempt or prohibited pursuant to federal or state law. If a submittal contains any trade secrets that bidder does not want disclosed to the public or used by UCDH for any purpose other than evaluation of the bidder's eligibility, each sheet of such information must be marked with the designation "Confidential." UCDH will notify the bidder of data so classified upon receipt of any request to inspect such data so that the bidder will have an opportunity to establish that such information is exempt from inspection in any proceeding to compel inspection.

All materials submitted in response to the RFP will become the property of UCDH. All samples of work submitted as a part of this proposal will be returned at the request of the bidder. Materials may be returned, with the exception noted above for sample material, only at the UCDH's option and at the bidder's expense.

Successful awardee will be required to extend terms of the agreement to all UC locations.

All pricing proposed in the bidder submission shall be firm for the term of the Agreement.

Bidder Commitment to Sustainability: UC is committed to responsible stewardship of resources and to demonstrating leadership in sustainable business practices and thus will require Bidders to present their commitment to sustainable practices as it applies to its goods and services.

Contract Terms and Conditions

All terms and conditions of University of California Health Terms and Conditions of Purchase, (Appendix A) shall apply to any contract awarded from this solicitation for proposals. The selected bidder will be required to comply with all the terms and conditions as specified therein. A bidder's inability to comply with, or exceptions and modifications to, the terms and conditions incorporated in the said terms and conditions must be stated in its proposal and may disqualify the bidder from further consideration.

To facilitate timely award of this contract, each bidder must certify its ability to comply with the insurance requirements as outlined in Appendix A. The University will require the selected bidder to furnish a certificate of insurance, naming The Regents of the University of California as an additional insured. Such certificate of insurance shall be in a form as issued by an insurer approved by the University and shall contain an endorsement requiring not less than thirty (30) days' written notice to the University prior to any cancellation or modification thereof. Thereafter, a certificate evidencing the renewal of each such policy shall be furnished to the University at least ten (10) days prior to the expiration of the term of said policy. Failure to comply with this requirement may result in cancellation of any contract resulting from this request for proposal.

The University reserves the right to adjust the minimum insurance limits specified in Appendix A, based on the overall risk assessment of the project. Each bidder must provide evidence of its current coverage with its proposal.

The final contract with the selected bidder will be prepared by the University of California, Davis, Health System's Business Contracts and will incorporate this Request for Proposal, the submitted proposal, and Exhibit A documentation.

Bidder shall be solely responsible for the conduct and control of the work to be performed by Bidder under this agreement. Bidder's services for UCDH shall be performed in accordance with currently approved methods and ethical standards applicable to vendor's professional capacity.

Any order resulting from this Request for Proposal shall be subject to the examination and audit by the California State Auditor for a period of three years after final payment under this order. The examination and audit shall be confined to those matters connected with the performance of the contract, including, but not limited to, the cost of administering the contract.

All agreements resulting from this RFP shall be construed and enforced in accordance with the laws of the State of California.

The Bidder shall not maintain or provide racially segregated facilities for employees at any establishment under the Bidder's control. The Bidder agrees to adhere to the requirements of the federal law, and with respect to activities occurring in the State of California, to the California Fair employment and Housing Act Government Code section 2900 et seq.). Expressly, the Bidder shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, medical condition, marital status, age, physical and mental handicap regarding any position for which the employee or applicant for employment is qualified, or because he or she is a disabled veteran or veteran of the Vietnam era. The Bidder shall further specifically undertake an outreach effort in regards with the hiring, promotion and treatment of minority group persons, women, the handicapped, and disabled veterans and veterans of the Vietnam era. The Bidder shall communicate this policy in both English and Spanish to all people as concerned within its company, with outside recruiting services and the minority community at large. The Bidder shall provide the University on request a breakdown of its labor force by groups, specifying the above characteristics within job categories, and shall discuss with the University its policies and practices relating to its programs.

Authorized Signature

Please complete the vendor contact information requested below:

Company Name:		Contact Person/Title:	
Federal Employer Identification #:		Contact Email Address:	
Main Phone Number:		Contact Phone Number:	

I certify that I am authorized to sign on behalf of the organization I represent for this offer and agree to all terms and conditions described herein.

_____ Authorized signature _____ Date

Appendix A

UC Terms and Conditions



UC Terms and
Conditions-04-01-25