

## REQUEST FOR QUALIFICATIONS

for

### MEDIUM VOLTAGE, SOLAR, AND BATTERY DESIGN & ASSESSMENT SERVICES

University of California, Irvine – Facilities Management

The University has determined there are insufficient interested Consultants to support this solicitation and has elected to re-open the Request for Qualifications process.

**Consultants who have submitted a Statement of Qualifications on Friday, August 28, 2026 DO NOT need to resubmit.**

Under the guidelines of Calif. Public Contract Code 10510.4 - 10510.9, the University of California, Irvine (hereinafter referred to as “UCI” or the “University”) is seeking the best qualified firm to provide Medium Voltage, Solar, and Battery Design and Assessment services (hereinafter referred to as “Consultant”).

#### Project Summary

UCI operates a combined heat and power plant connected to a 12-kV system interconnected with SCE via a 66-kV substation, operating under a Rule 21 agreement, and serving approximately 9 million square feet. In addition, the campus grid has a 4.5 MV of installed photovoltaic systems. The University is investigating the feasibility of expanding solar photovoltaic arrays and installing battery storage systems. Return-on-investment is of primary interest when determining whether to proceed further.

#### Required Services

UCI seeks the qualifications of electrical design professionals for consideration to render their services, including programming and cost estimating in support of various projects that may include and are not be limited to:

- On-site solar electric array(s)
- On-site electric battery storage system(s)
- 12-kV distribution system analysis including:
  - Short-circuit ratings of existing solar, existing on-site generation, utility grid connection, new solar, and new batteries, and how they impact new generation and storage decision-making
  - Applicable regulations
  - UCI Designated Campus Fire Marshal requirements
  - UCI Campus Standards and Design Criteria and Master Specifications
  - Updating single-line diagrams

The initial scope of the work is assessment of the existing systems and making recommendations for size, placement, and required preparations to deploy additional solar photovoltaic and batteries on campus. This work may include pre-schematic design to validate potential deployment sites. If the University elects to proceed with solar photovoltaic or battery deployment, UCI anticipates a need for further consultant support either for complete design services or as the University's lead expert and peer reviewer in development of a detailed project program, depending on the project delivery method used.

The scope of services may include, but is not limited to, the following:

- Assessment of the existing 12-kV system and evaluation of solar and electric battery deployment opportunities

- Assessment of existing and future high-voltage system challenges due to physical constraints, regulatory or statutory requirements, hazardous and environmental considerations such as SF6 switch phase-out, or fire safety hazards
- Coordination and communication with vendors in the solar, electric battery, and high-voltage industries to evaluate technology options and present UCI with specific technology recommendations
- Investment-grade return-on-investment analysis for solar photovoltaic and battery systems
- Preparation of Pre-Schematic Design documents, feasibility studies, and Rough Order of Magnitude (R.O.M.) budgets for the University's use to procure funding for projects.
- Preparation of Schematic Design, Design Development, Construction Drawings and Specifications in adherence with the following:
  - Applicable regulations
  - UCI's Campus Fire Marshal
  - UCI's Facilities Management Engineering team
  - UCI Campus Standards and Design Criteria and CAD Standards
  - Any other requirements required by law and/or by the University
- Coordination and incorporation of other design disciplines to prepare complete Construction Documents
- Construction Administration, including attendance at weekly construction coordination meetings, review of Requests for Information, and support of commissioning
- Design services during construction
- Commissioning of electrical equipment and infrastructure
- Preparation of as-built drawings in AutoCAD
- Programming and/or cost estimating, including the development of a DPP (Detailed Project Program)

**Procedures:**

The University's Request for Qualifications (RFQ) including required forms can be obtained at <https://www.uciplanroom.com>.

**Submittal Requirements:**

Respondents shall assume full responsibility for timely submittal of qualifications only at: <https://www.uciplanroom.com>.

**SUBMITTAL DEADLINE: October 9, 2026, at 4:00 PM**

**Estimated Contract Duration: 36 Months**

Contact Myai Mitchell, Contracts Analyst at [myaim@uci.edu](mailto:myaim@uci.edu) with questions.

Every effort will be made to ensure that all persons have equal access to contracts and other business opportunities with the University within the limits imposed by law or University policy. Each candidate firm will be required to show evidence of its equal employment opportunity policy.

For other opportunities visit <https://www.uciplanroom.com>