

REQUEST FOR QUALIFICATIONS
2025-2027 MASTER INTEGRATION SERVICES
for
Multiple Structures
University of California, Irvine

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 (hereinafter referred to as "Consultant" or "Consultants") to provide Master Integration Services.

Project Description

The University is performing energy and infrastructure projects on several campus buildings. These projects include, but are not limited to, upgrades of the building automation system. The projects include replacement of building automation system hardware, electronic migration and integration of existing proprietary and BACnet building automation systems to the Niagara platform. Projects include the implementation of energy savings control sequences in Niagara to maximize return on investment. The University has selected the Niagara platform for standardized building automation and is leveraging network segmentation techniques to enhance the security of the BAS network. The University also expects to rely on the consultant for additional automation consulting services, such as creating graphics after mechanical contractor construction or assisting the University with troubleshooting malfunctioning new and existing hardware. All work is to be performed in accordance with the University's existing guidelines and standards pertaining to building automation systems.

The University intends to award agreements under this solicitation to up to three (3) Master Integrators. The number of agreements ultimately awarded will be at the University's discretion.

Schedule

Typical projects take three (3) months per building. Project start dates will be staggered as determined by the University's Representative. Projects will be delivered based on where controls upgrade work fits within each project's schedule. Work performed under this agreement will be backchecked/punched down by UC Irvine or its commissioning consultant. Consultant shall provide and maintain a schedule for each task authorized.

Scope of Required Services

1. Provide building automation system migration or integration to Niagara on a per-building basis.
 - a. Review existing building automation system configuration and develop a plan for integration to Niagara.
 - b. Integrate existing building automation system to Niagara using the University-furnished Niagara virtual servers. Systems shall use BACnet or FOX protocol, as appropriate, for the application.
 - c. Implement graphics for integrated points based on University-provided standardized graphics package.
 - d. Remove and delete references and dependencies to the previous central automation server from the integrated equipment so that no lingering connections remain. Reconstruct, locally within the building control system, any program functionality that might have been implemented at the existing central server. As buildings are integrated to the University's Niagara BAS network, eliminate BBMDs or other legacy traffic routing features. The primary intent is to ensure that the building is free of existing central-server dependencies and can operate independently before integration to the Niagara network.
2. Implement building automation optimization control sequences.
 - a. Review the University's standardized optimization control sequences. Identify adjustments or modifications required for the particular building and present to the University for approval.
 - b. Implement control sequences within the University-furnished Niagara virtual servers.
 - c. Provide support during implementation of energy and automation projects as requested by the University's Representative.

3. Provide building automation system proprietary hardware replacement or integration.
 - a. Vendor shall be capable of replacing in place existing obsolete Siemens, Johnson Controls, or Alerton hardware with building automation devices compliant with UCI master specifications.
 - b. Vendor shall be capable of integrating in place non-obsolete Siemens, Johnson Controls, Alerton, Distech, ABB Cylon, or other BACnet devices to Niagara.
 - c. Vendor shall possess in house expertise on Siemens, Johnson Controls, Alerton, Distech, Aircuity, and Phoenix Controls.

Procedures

Request for Qualifications will be available electronically at **4:00 PM on Friday, December 20, 2024**. Contact Myai Mitchell at myaim@uci.edu to obtain required forms.

Submittal Requirements

Send one (1) electronic copy of the Statements of Qualifications in PDF format to:
Myai Mitchell, Contracts Analyst to myaim@uci.edu

Deadline for submittals is 4:00 PM on Friday, January 17, 2025

Estimated Contract Duration: 36 months

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. Interested firms will be required to show evidence of their equal employment opportunity policy.

December 20, 2024