

**REQUEST FOR QUALIFICATIONS
HEALTH/MEDICAL PHYSICIST RADIATION SHIELDING INSPECTION,
SURVEYING, TESTING & CERTIFICATION SERVICES**

for
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”) seeks a health/medical physicist consultant (the Consultant) to provide radiation shielding inspection, surveying, testing and certification services necessary for the construction of the University’s new Irvine Campus Medical Complex (ICMC) project.

Project Summary

The University is currently constructing the \$1 billion ICMC on Jamboree Road between Campus Drive and MacArthur Boulevard in the City of Irvine. Construction is scheduled to be completed by late 2025. The ICMC will consist of the following major elements:

- A 112-bed, 350,000 gsf hospital including an emergency department, inpatient bed services, operating rooms, pre/post observation beds, inpatient imaging, support services, and shell space for the future buildout of 32 additional beds.
- A 200,000 gsf ambulatory surgery center consisting of outpatient surgery and procedure rooms, diagnostic and imaging services, oncology treatment and infusion facilities, clinical exam rooms, a pharmacy, and support services.
- A 25,000 gsf central energy plant to serve the ICMC.
- An approximately 1,400 space parking structure.

Required Services

The selected Consultant will be responsible for the inspection, surveying, testing, reporting, and certification of the spaces in the ICMC that include medical radiation shielding for a full range of medical equipment. The table below summarizes the spaces in the new hospital and ambulatory surgery center that require shielding.

Hospital

Room	Room No.	Major Equipment	Shielding
Hybrid Operating Room	1223	Bi-Plane OR System	Lead Lined Drywall
IR/Neuro Operating Room	1227	Bi-Plane OR System	Lead Lined Drywall
IR/EP Operating Room	1263	Single-Plane OR System	Lead Lined Drywall
General Operating Room	1269	Future Equipment/Radiation	Lead Lined Drywall
Cath Lab Operating Room	1267	Single-Plane OR System	Lead Lined Drywall
Trauma Room	2266	None/Radioactive Patient	Lead Lined Drywall
CT Scanner	2449	CT Scanner 384 Slice	Lead Lined Drywall
Ct Scanner	2457	CT Scanner 640 Slice	Lead Lined Drywall
R/F Room	2456	Radiographic/Fluoroscopic System	Lead Lined Drywall
Rad Room	2450	Radiographic System, Digital	Lead Lined Drywall
MRI Room	2469B	MRI 1.5T	RF/ Magnetic shielding
MRI Room	2469D	MRI 3.0T	RF/ Magnetic shielding

Ambulatory Surgery Center

Room	Room No.	Major Equipment	Shielding
LINAC Vault	1503	Linear Accelerator	High Density Shielding (Blocks)
LINAC Vault	1504	Linear Accelerator	High Density Shielding (Blocks)

Room	Room No.	Major Equipment	Shielding
MR Linacc	1511	MR Linear Accelerator	High Density Shielding (Blocks)
Brachytherapy	1552	Brachytherapy System, Digital	High Density Shielding (Blocks)
Operating Room	1343	Future Equipment/Radiation	Lead Lined Drywall
TEE/Bronchoscopy	1483	Future Equipment/Radiation	Lead Lined Drywall
GI/Endoscopy	1487	Future Equipment/Radiation	Lead Lined Drywall
GI/Endoscopy	1489	Future Equipment/Radiation	Lead Lined Drywall
CT Simulator	1553	CT Simulator Machine	Lead Lined Drywall
CT Scanner Room	2472	CT Scanner	Lead Lined Drywall
CT Scanner Room	2480	CT Scanner 640 Slice	Lead Lined Drywall
Fluoroscopy Room	2560	Radiographic/Fluoroscopic System	Lead Lined Drywall
PET CT Scan	2447	PET CT Scanner	Lead Lined Drywall
General Radiology	2552	Radiographic System, Digital	Lead Lined Drywall
SPECT CT Room	2453	SPECT CT Scanner	Lead Lined Drywall
Uptake	2435	None/Radioactive Patient	Lead Lined Drywall
Uptake	2415	None/Radioactive Patient	Lead Lined Drywall
Uptake	2416	None/Radioactive Patient	Lead Lined Drywall
Gamma Camera	2452	Gamma Camera	Lead Lined Drywall
Hot Lab	2375	Radiopharmaceuticals, Radioactive Calibration Sources, Radioactive Waste	Lead Lined Drywall
Injection Room	2430	None/Radioactive Patient	Lead Lined Drywall
Hot Waiting	2434	None/Radioactive Patient	Lead Lined Drywall
MRI Room	2464	MRI 1.5T	RF/ Magnetic shielding
MRI Room	2460	MRI 3.0T	RF/ Magnetic shielding
Mammography	3238	Mammography System, Digital	Lead Lined Drywall
Mammography	3240	Mammography System, Digital	Lead Lined Drywall

Procedures

Request for Qualifications will be available electronically at **2 PM on May 5, 2023**, from UCI Design & Construction Services. Contact Viola Teoxon at (949) 824-7304, email vteoxon@uci.edu to obtain required forms.

Submittal Requirements

Send one (1) electronic copy of Statements of Qualifications to Viola Teoxon, Contracts Analyst at vteoxon@uci.edu. UC Irvine Design & Construction Services, 101 Academy, Suite 200, Irvine, CA 92697-2450.

Deadline for submittals is June 5, 2023, at 5 PM

Estimated Contract Duration: 3 years

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.