

FUTURE ACTION ITEM #9

WSU Pullman, Dodgen Hot Cell Facility Design Approval
(Leslie Brunelli /Kim Christen/Olivia Yang)

TO ALL MEMBERS OF THE BOARD OF REGENTS

SUBJECT: WSU Pullman, Dodgen Hot Cell Facility Design Approval

PROPOSED: That the WSU Board of Regents approve the schematic design for the WSU Pullman, Dodgen Hot Cell Facility Project.

SUBMITTED BY: Leslie Brunelli, Executive Vice President, Finance & Administration/CFO

SUPPORTING

INFORMATION: Much of the nuclear security-related fundamental and applied research and development at WSU occurs within the Dodgen Research Facility (DRF), located in Pullman, WA. The DRF houses the Nuclear Science Center (NSC) which maintains oversight of WSU's 1.0 megawatt (MW) TRIGA research nuclear reactor, which is the only research nuclear reactor in Washington state and only one of four in the Pacific Northwest. The NSC at WSU has a mission of providing a collaborative environment where WSU faculty, staff, students, and clients can succeed in their basic and applied nuclear science research goals. The NSC accomplishes this mission through multidisciplinary teaching, research, and service endeavors designed to make high-impact contributions to nuclear science, national and international security, nuclear non-proliferation, and emergency readiness exercises and training programs.

The proposed single-story building addition (approximately 5,000 gsf) will be located near the northeast portion of the DRF and will include a combination of space for up to three hot cells, a chemistry wet lab, and high bay storage, all serviced by an overhead crane. The design and construction of the new facility will need to accommodate up to three nuclear hot cells (approximately 10' x 10' x 8' tall) that will be installed with a future project.

Project Schedule:

Date	Step
Nov. 2024	Request for Regents Future Action Project Budget Approval
Jan. 2025	Request for Regents Action for Project Budget Approval
Nov. 2024 – Jan. 2025	Design Builder Procurement
Feb. 2025	Design Begins
Apr. 2025	Request for Regents Future Action for Design Approval
Jun. 2025	Request for Regents Action for Design Approval
Jul. 2025	Construction Begins
Aug. 2026	Construction Complete

ATTACHMENTS: Attachment A – Aerial Site
Attachment B – Award Documentation
Attachment C – Design Presentation

Attachment A



Attachment B

FORM CD-450 (REV. 10/18)		U.S. DEPARTMENT OF COMMERCE		X GRANT COOPERATIVE AGREEMENT	
FINANCIAL ASSISTANCE AWARD				FEDERAL AWARD ID NUMBER	
				60NANB24D125	
RECIPIENT NAME Washington State University				PERIOD OF PERFORMANCE 09/01/2024 - 08/31/2027	
STREET ADDRESS 240 French Administration Building				FEDERAL SHARE OF COST \$7,565,580.00	
CITY, STATE ZIP Pullman, WA 99164-0001				RECIPIENT SHARE OF COST \$0.00	
AUTHORITY Consolidated Appropriations Act, 2024				TOTAL ESTIMATED COST \$7,565,580.00	
CFDA NO. AND NAME 11.617 Congressionally-Identified Projects					
PROJECT TITLE: Hot Cell Facility Construction					
<p>This Award Document (Form CD-450) signed by the Grants Officer constitutes an obligation of Federal funding. By signing this Form CD-450, the Recipient agrees to comply with the Award provisions checked below and attached. Upon acceptance by the Recipient, the Form CD-450 must be signed by an authorized representative of the Recipient and returned to the Grants Officer. If not signed and returned without modifications by the Recipient within 30 days of receipt, the Grants Officer may unilaterally withdraw this Award offer and de-obligate the funds.</p> <p>X DEPARTMENT OF COMMERCE FINANCIAL ASSISTANCE STANDARD TERMS AND CONDITIONS</p> <p>R & D AWARD</p> <p>FEDERAL-WIDE RESEARCH TERMS AND CONDITIONS, AS ADOPTED BY THE DEPT. OF COMMERCE</p> <p>X SPECIFIC AWARD CONDITIONS</p> <p>X LINE ITEM BUDGET</p> <p>X 2 CFR PART 200, UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS, AS ADOPTED PURSUANT TO 2 CFR § 1327.101</p> <p>48 CFR PART 31, CONTRACT COST PRINCIPLES AND PROCEDURES</p> <p>MULTI-YEAR AWARD. PLEASE SEE THE MULTI-YEAR SPECIFIC AWARD CONDITION.</p> <p>X OTHER(S): U.S. DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY STANDARD TERMS AND CONDITIONS FOR EXTRAMURAL CONSTRUCTION PROJECTS, MARCH 27, 2024</p>					
SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER				DATE	
SHIOU YUN LIU <small>Digitally signed by SHIOU YUN LIU Date: 2024.08.26 11:15:30 -0400</small>				08/26/2024	
PRINTED NAME, PRINTED TITLE, AND SIGNATURE OF AUTHORIZED REPRESENTATIVE				DATE	
Dan Nordquist, Associate Vice President <small>Digitally signed by Dan Nordquist Date: 2024.09.06 14:13:45</small>				9/6/2024	
<small>AVP/DVP, Authorized Official</small> -07'00'					