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 $10' \times 10' \times 8'$ tall) that will be installed with

a future project.

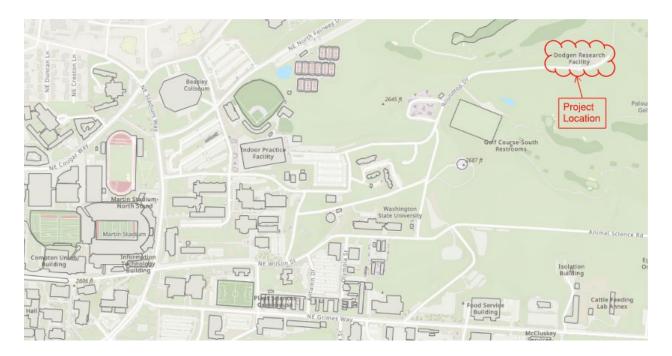
Project Schedule:

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	
		FEDERAL AWARD ID NUMBER		
FINANCIAL ASSISTANCE AWARD		60NANB24D125		
RECIPIENT NAME		PERIOD OF PERFORMANCE		
Washington State University		09/01/2024 - 08/31/2027		
STREET ADDRESS		FEDERAL SHAR	RE OF COST	
240 French Administration Building		\$7,565,580.00		
CITY, STATE ZIP		RECIPIENT SHA	RE OF COST	
Pullman, WA 99164-0001		\$0.00		
AUTHORITY		TOTAL ESTIMATED COST		
Consolidated Appropriations Act, 20	024	\$7,565,580.00		

CFDA NO. AND NAME

11.617 Congressionally-Identified Projects

PROJECT TITLE:

Hot Cell Facility Construction

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.

X DEPARTMENT OF COMMERCE FINANCIAL ASSISTANCE STANDARD TERMS AND CONDITIONS

R & D AWARD

FEDERAL-WIDE RESEARCH TERMS AND CONDITIONS, AS ADOPTED BY THE DEPT. OF COMMERCE

- X SPECIFIC AWARD CONDITIONS
- X LINE ITEM BUDGET
- \times 2 CFR PART 200, UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS, AS ADOPTED PURSUANT TO 2 CFR \S 1327.101

48 CFR PART 31, CONTRACT COST PRINCIPLES AND PROCEDURES

MULTI-YEAR AWARD. PLEASE SEE THE MULTI-YEAR SPECIFIC AWARD CONDITION.

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

SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER	DATE
SHIOU YUN LIU Digitally signed by SHIOU YUN LNU Dime 2024.08.26 11:15:30 -04/00'	08/26/2024
PRINTED NAME, PRINTED TITLE, AND SIGNATURE OF AUTHORIZED REGISTRED STATES OF AUTHORIZED REGIS	DATE
Dan Nordquist, Associate Vice President Van Mogeus Washington State University Date: 2024.09.06 14:13:45	9/6/2024

AVP/DVP, Authorized Official -07'00'