

Office of the Chief Financial Officer and Treasurer

May 6, 2021

The Honorable Eric J. Holcomb Governor of the State of Indiana Statehouse Indianapolis, IN 46204

Dear Governor Holcomb:

At its meeting on March 4, 2021, the Purdue University Board of Trustees approved the planning, financing, construction and award of construction contracts for the Hypersonics and Applied Research Facility.

This project includes the construction of an approximately 65,000 square foot facility for research and limited office space. Two wind tunnels will be housed in the facility, along with the Hypersonics Advanced Manufacturing Technology Center and support space. Each wind tunnel will have its own supporting laser lab to allow for precise laser measuring from the tests conducted in the wind tunnels. The facility will enable research activities that are not currently possible on the West Lafayette campus.

This project is key to two of the newly announced *Purdue Next Moves* strategic initiatives designed to advance the university's competitive advantage among the world's top teaching and research institutions: National Security and Technology Initiative and the Purdue Applied Research Institution.

The estimated total project cost is \$41,000,000. This includes \$20,000,000 in Indirect Cost Recovery, \$16,000,000 in Operating Funds-Reserves and \$5,000,000 in Gift Funds.

Subject to review by the Commission for Higher Education and recommendation by the State Budget Committee and the Budget Agency, we request your approval to proceed with this project. Attached are the completed forms that the Commission has prescribed for its review of such projects. We will be happy to answer any questions you or your staff may have or to provide any additional information that is needed.

Sincerely

Christopher A. Ruhl Chief Financial Officer and Treasurer

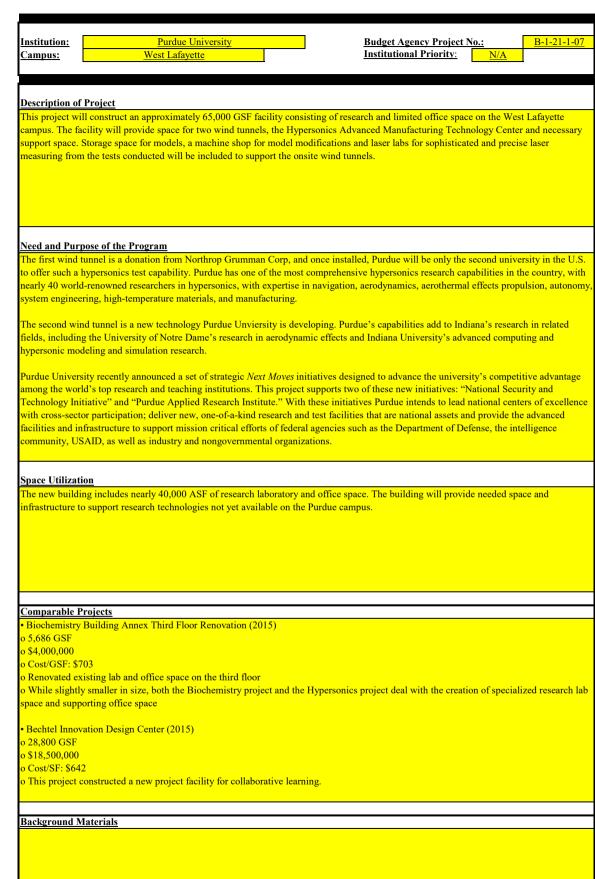
Attachments

c: Alexa Deaton, Chief Financial Officer, Indiana Commission for Higher Education Jasmine Williams, Director of Finance, Indiana Commission for Higher Education Zachary Jackson, Director, Indiana State Budget Agency Andy Cummings, Assistant Director, Indiana State Budget Kathleen Thomason, Comptroller, Purdue University Anne Hazlett, Senior Director, Government Relations, Purdue University

PROJECT COST SUMMARY

Institution:		<u>University</u>		Budget Agency Project No.:		<u>B-1-21-1-07</u>
<u>Campus:</u>	<u>West Lafay</u>	ette		Institutional Priority:	<u>N/A</u>	
Previously app	proved by General Assem	bly: <u>No</u>]	Previously recommended by	<u>CHE:</u>	No
<u>Part of the Ins</u>	titution's Long-term Cap	ital Plan: <u>Yes</u>				
Project Size:	64,620 GSF (1)	39,323 ASF (2)	0.61	ASF/GSF		
Net change in o	overall campus space:	64,620 GSF	39,323	ASF		
<u>Total cost of th</u> <u>Total cost of th</u>		\$ 41,000,000 \$ -	<u>Cost per ASF/</u>	GSF: \$634 \$1,043	4 GSF 3 ASF	
<u>Funding Sourc</u>	<u>:e(s) for project (4):</u>	Amount \$ 20,000,000 \$ 16,000,000 \$ 5,000,000	Indirect (Operating F	Type Cost Recovery Funds - Reserves ft Funds		
Estimated ann	ual debt payment (6):	N/A				
Are all funds f	or the project secured:	No				
Project Fundir						
The funds prov	ided by Indirect Cost Recc	very and Operating Funds-I	Reserves are secu	re. The Gift Funds are not secur	e but are back	stopped.
Project Cost J	ustification					
The project cos with similar cos	t per square feet is in align sts per square feet are inclu		ect section. As no	esearch space on the West Lafay oted in the project details, this pr		
	ual change in cost of buil ual repair and rehabilita	ding operations based on tion investment (5):	the project: \$ 615,000	<u>\$517,500</u>		

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION



CAPITAL PROJECT REQUEST FORM INDIANA PUBLIC POSTSECONDARY EDUCATION INSTITUTION CAMPUS SPACE DETAILS FOR Hypersonics and Applied Research Facility

	Current Campus Totals				Capital Request		
(INSERT PROJECT TITLE AND SBA No.)	Current Space in Use	Space Under Construction (1)	Space Planned and Funded (1)	Subtotal Current and Future Space	Space to be Terminated (1)	New Space in Capital Request (2)	Net Future Space
A. OVERALL SPACE IN ASF							
Classroom (110 & 115)	334,724	-	-	334,724			334,724
Class Lab (210,215,220,225,230,235)	745,787	82,254	11,900	839,941			839,941
Non-class Lab (250 & 255)	1,639,353	(17,963)	7,537	1,628,927		35,142	1,664,069
Office Facilities (300)	2,405,399	29,971	28,000	2,463,370		4,181	2,467,551
Study Facilities (400)	355,087	7,003	-	362,090			362,090
Special Use Facilities (500)	1,209,313	-	-	1,209,313			1,209,313
General Use Facilities (600)	978,743	2,808	12,685	994,236			994,236
Support Facilities (700)	2,884,793	121	(57)	2,884,857			2,884,857
Health Care Facilities (800)	113,929	89,901	-	203,830			203,830
Resident Facilities (900)	2,693,201	-	-	2,693,201			2,693,201
Unclassified (000)	27,567	-	-	27,567			27,567
<u>B. OTHER FACILITIES</u> (Please list major categories)							
TOTAL SPACE	13,387,896	194,095	60,065	13,642,056		39,323	13,681,379

Notes:

- Space/Room codes based on Postsecondary Ed Facilities Inventory and Classification Manual (2006)

(1) Identify in a footnote the specific facilities that are included in the data in these columns. Do not include pending approval, non-submitted projects or non-funded projects

Space under construction includes:

- Vet Med Teaching Hospital
- Gateway Complex

- PMU Renovations

- Purdue Bands & Orchestra Building

Space planned and funded includes:

- Data Science Building

- Child Care Center Building

CAPITAL PROJECT COST DETAILS

<u>stitution:</u> Impus:	<u>Purdue University</u> <u>West Lafayette</u>	Budget Agency Project No.: B-1-21-1- Institutional Priority: N/A					
TICIPAT	TED CONSTRUCTION SCHEDULE Month	<u>Year</u>					
	Bid Date (GMP delivery)JulyStart ConstructionDecemberOccupancy (End Date)March	2021 2021 2021 2023					
TIMATE	D CONSTRUCTION COST FOR PROJECT	Estin					
		Escal Cost Basis (1) Facto	lation ors (2) Project Cost				
	Planning Costs						
	a. Engineering	\$ 1,760,000	\$ 1,760,000				
	b. Architectural	\$ 1,140,000	\$ 1,140,000				
	c. Consulting	\$ 330,000	\$ 330,000				
	<u>Construction</u>						
	a. Structure	\$ 12,500,000	\$ 12,500,000				
	b. Mechanical (HVAC, plumbing, etc.)	\$ 6,870,000	\$ 6,870,000				
	c. Electrical	\$ 10,200,000	\$ 10,200,000				
	Movable Equipment	\$ 300,000	\$ 300,000				
	Fixed Equipment	\$ 400,000	\$ 400,000				
	<u>Site Development/Land Acquisition</u>	\$ 4,000,000	\$ 4,000,000				
	Other (PM fee, contingencies)	\$ 3,500,000	\$ 3,500,000				

CAPITAL PROJECT OPERATING COST DETAILS

Institution:	titution: Purdue University			Budget Agency Project No.:					
Campus:	West Lafayette				titutional		<u>N/A</u>		
-									
			COF	OF				(4 (2))	
ANNUAL ODE	DATING COST/SAVINGS (1)		GSF	OF	AKEA A	FFECTED BY	Y PROJECT	64,620	
ANNUAL OPE	RATING COST/SAVINGS (1)				Total		Supplies		
			st per	0	perating	Personal	and		
		GS		Cost		Services	Expenses		
		0	51		CUST	Services	Expenses		
	1. Operations	\$	-						
	2. Maintenance	\$	1.47	\$	95,000				
	3. Fuel	\$	-	\$	-				
	4. Utilities	\$	5.43	\$	351,000				
	5. Other	\$	1.11	\$	71,500				
TOTAL ES	TIMATED OPERATIONAL COST/SAVINGS	N/A		\$	517,500	N/A	N/A		
)									
				,					
	iny unusual factors affecting operating and main	tenand	e costs	sav	<u>ings.</u>				
N/A									