

January 15, 2020

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

Dear Governor Holcomb:

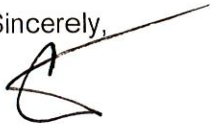
At its meeting on December 6, 2019, the Purdue University Board of Trustees approved the planning, financing, construction and award of construction contracts for the Data Science Building on the Purdue West Lafayette campus.

This project includes the construction of a new, 86,000 GSF facility consisting of teaching labs, group workspaces, study spaces, offices and a large, centrally scheduled classroom. The new facility will be located in the existing parking lot north of the Purdue Armory. It will provide space for the growing data science program.

The total cost of the project is \$40,000,000 with \$35,000,000 of that funded by Operating Funds-Reserves and \$5,000,000 funded by 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: Jasmine Williams, Director of Finance, Indiana Commission for Higher Education
- Zachary Jackson, Director, Indiana State Budget Agency
- Kathleen Thomason, Comptroller, Purdue University
- Susan Williams, Director, Government Relations, Purdue University

PROJECT COST SUMMARY

Data Science Building

Institution:	<input type="text" value="Purdue University"/>	Budget Agency Project No.:	<input type="text" value="B-1-20-1-12"/>
Campus:	<input type="text" value="West Lafayette"/>	Institutional Priority:	<input type="text" value="No"/>
Previously approved by General Assembly:	<input type="text" value="No"/>	Previously recommended by CHE:	<input type="text" value="No"/>
Part of the Institution's Long-term Capital Plan:	<input type="text" value="Yes"/>		

Project Size: GSF (1) ASF (2) ASF/GSF

Net change in overall campus space: GSF ASF

Total cost of the project (3):	<input type="text" value="\$ 40,000,000"/>	Cost per ASF/GSF:	<input type="text" value="\$465"/> GSF
Total cost of the demolition:	<input type="text" value="\$ -"/>		<input type="text" value="\$840"/> ASF

Funding Source(s) for project (4):	Amount	Type
	<input type="text" value="\$ 35,000,000"/>	<input type="text" value="Operating Funds - Reserves"/>
	<input type="text" value="\$ 5,000,000"/>	<input type="text" value="Gift Funds"/>
	<input type="text" value=""/>	<input type="text" value=""/>
	<input type="text" value=""/>	<input type="text" value=""/>

Estimated annual debt payment (6):

Are all funds for the project secured:

Project Funding:

Purdue Operating Funds will be used to backstop the \$5M in Gift Funds.

Project Cost Justification

The project is consistent with similar projects as noted in the Comparable Project Section.

Estimated annual change in cost of building operations based on the project:

Estimated annual repair and rehabilitation investment (5):

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION

Data Science Building

Institution:	Purdue University	Budget Agency Project No.:	B-1-20-1-12
Campus:	West Lafayette	Institutional Priority:	No

Description of Project

This project includes the construction of a new, approximately 86,000 GSF Data Science Building consisting of teaching labs, group workspaces, study space, offices and a large, centrally scheduled classroom.

The new facility will be located in the existing parking lot north of the Purdue Armory on the West Lafayette campus. This location is adjacent to the new STEM Teaching Lab Building and convenient to other College of Science occupied buildings.

Need and Purpose of the Program

This year, Data & Computational Sciences admissions exceeded targets by 20% (425 targeted vs. 507 accepts as of May 15, 2019, with College of Science targets exceeded overall by 13.5%) and has been confirmed as the single most selective program on campus by Purdue Enrollment Management.

This facility will provide space for the growing data science program; thereby helping to meet the identified Purdue Moves goal of growing the number of data science graduates.

Recent student-to-faculty ratios of over 31:1 stands in contrast to peer institutions that report ratios of anywhere from 8:1 to 21:1.

Space Utilization

The Data Science building will bring needed office, instructional, and research space to the growing Data Science program in the College of Science. There will be no space vacated as part of this project, and the new building will accommodate current and anticipated faculty, staff, and student growth.

Comparable Projects

- STEM Teaching Lab (2017)
 - o 111,000 GSF
 - o \$64M
 - o \$577/GSF
 - o Construction of a student-focused laboratory building for chemistry and biology disciplines

Background Materials

**CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR DATA SCIENCE BUILDING**

DATA SCIENCE BUILDING	Current Campus Totals			Subtotal Current and Future Space	Capital Request		Net Future Space
	Current Space in Use (3)	Space Under Construction (1)	Space Planned and Funded (1)		Space to be Terminated (1)	New Space in Capital Request (2)	
<u>A. OVERALL SPACE IN ASF</u>							
Classroom (110 & 115)	330,369	3,119		333,488			333,488
Class Lab (210,215,220,225,230,235)	624,324	53,863	82,254	760,441		11,900	772,341
Non-class Lab (250 & 255)	1,580,078	28,176	(17,963)	1,590,291		3,900	1,594,191
Office Facilities (300)	2,252,320	17,515	(57,083)	2,212,752		30,295	2,243,047
Study Facilities (400)	381,012	11,225	7,003	399,240			399,240
Special Use Facilities (500)	1,247,377		(579)	1,246,798			1,246,798
General Use Facilities (600)	945,106	45,900	12,327	1,003,333		1,500	1,004,833
Support Facilities (700)	2,940,123	(365)	121	2,939,879			2,939,879
Health Care Facilities (800)	116,291		89,901	206,192			206,192
Resident Facilities (900)	2,459,515	175,550		2,635,065			2,635,065
Unclassified (000)	295,004			295,004			295,004
<u>B. OTHER FACILITIES</u> (Please list major categories)				-			-
TOTAL SPACE	13,171,518	334,983	115,981	13,622,482	-	47,595	13,670,077

Notes:

(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: STEM Teaching Lab Facility, ABE Renovation/Addition, Meredith South, Third Street North

Space planned and funded includes: Vet Med Teaching Hospital, Gateway Complex, Child Care Center, Purdue Bands & Orchestra, and 2550 Northwestern Ave.

(3) Current Space in Use has increased due to the addition of 2550 Northwestern Ave. and University Church buildings.

CAPITAL PROJECT COST DETAILS

Data Science Building

Institution:	Purdue University	Budget Agency Project No.:	B-1-20-1-12
Campus:	West Lafayette	Institutional Priority:	No

ANTICIPATED CONSTRUCTION SCHEDULE

	Month	Year
GMP	September	2020
Start Construction	November	2020
Occupancy (End Date)	August	2022

ESTIMATED CONSTRUCTION COST FOR PROJECT

	Cost Basis (1)	Estimated Escalation Factors (2)	Project Cost
<u>Planning Costs</u>			
a. Engineering	\$ 500,000		\$ 500,000
b. Architectural	\$ 2,500,000		\$ 2,500,000
c. Consulting	\$ 1,000,000		\$ 1,000,000
<u>Construction</u>			
a. Structure	\$ 15,000,000		\$ 15,000,000
b. Mechanical (HVAC, plumbing, etc.)	\$ 9,000,000		\$ 9,000,000
c. Electrical	\$ 6,000,000		\$ 6,000,000
<u>Movable Equipment</u>	\$ 3,000,000		\$ 3,000,000
<u>Fixed Equipment</u>	\$ 1,000,000		\$ 1,000,000
<u>Site Development/Land Acquisition</u>			\$ -
<u>Other (PM fee, contingency, printing)</u>	\$ 2,000,000		\$ 2,000,000
TOTAL ESTIMATED PROJECT COST	\$ 40,000,000	\$ -	\$ 40,000,000

CAPITAL PROJECT OPERATING COST DETAILS

Data Science Building

Institution:	Purdue University	Budget Agency Project No.:	B-1-20-1-12
Campus:	West Lafayette	Institutional Priority:	No

GSF OF AREA AFFECTED BY PROJECT 86,000

ANNUAL OPERATING COST/SAVINGS (1)

	Cost per GSF	Total Operating Cost	Personal Services	Supplies and Expenses
1. Operations	\$ 1.49	\$ 128,157	120430	7727
2. Maintenance	\$ 3.29	\$ 283,114	223745	59369
3. Fuel	\$ -	\$ -		
4. Utilities	\$ 2.36	\$ 202,824	34936	167888
5. Other	\$ -	\$ -		
TOTAL ESTIMATED OPERATIONAL COST/SAVINGS	\$ 7.14	\$ 614,095	\$ 379,111	\$ 234,984

Description of any unusual factors affecting operating and maintenance costs/savings.