



OFFICE OF THE EXECUTIVE VICE PRESIDENT FOR
BUSINESS AND FINANCE, TREASURER

March 19, 2013

The Honorable Michael R. Pence
Governor of the State of Indiana
State House
Indianapolis, IN 46204

Dear Governor Pence:

The financing and construction of the project, "Hansen Hall Roof Sections A thru F and 1 thru 14 Repair" on the West Lafayette campus has been approved as required under the Bylaws of the Board of Trustees of Purdue University.

The existing Hansen Hall roof is experiencing general failure, especially at several of the roof penetrations. The project will result in a complete replacement of the existing roof – sections A thru F and 1 thru 14.

The estimated cost of this project is \$850,000, to be funded from Repair and Rehabilitation – University General 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 which 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 you may wish.

Sincerely,

A handwritten signature in black ink, appearing to read "A. V. Diaz".

A. V. Diaz
Executive Vice President for
Business and Finance, Treasurer

/bjm

Attachments

c: Jason Dudich, Associate Commissioner and Chief Financial Officer
Chris Atkins, State Budget Director
Mary Catherine Gaisbauer, Comptroller
Kevin Green, Assistant Director of Capital Planning

PROJECT SUMMARY AND DESCRIPTION
Hansen Hall Roof Sections A thru F and 1 thru 14 Repair

Institution:	Purdue University	Budget Agency Project No.:	B-1-13-2-22
Campus:	West Lafayette	Institutional Priority:	N/A
Previously approved by General Assembly:	No	Previously recommended by CHE:	No
Part of the Institution's Long-term Capital Plan:	Yes		

Project Summary Description:
The existing Hansen original 1983 roof is experiencing general failure, which is consistent with its use, especially at several of the roof penetrations. The project will result in a complete replacement of the existing roof – sections A thru F and 1 thru 14.

Summary of the impact on the educational attainment of students at the institution:
None. This project is to prolong the life expectancy of our facilities.

Project Size:	N/A	GSF	N/A	ASF	N/A	ASF/GSF
Net change in overall campus space:	N/A	GSF	N/A	ASF		

Total cost of the project (1):	\$ 850,000	Cost per ASF/GSF:	N/A	GSF	N/A	ASF
Funding Source(s) for project (2):	\$ 850,000	Repair and Rehabilitation - University General Funds, derived from Student Fees, fund balance as of 3/7/13 is \$20,836,776.62				
Estimated annual debt payment (4):	N/A					
Are all funds for the project secured:	Yes					
Estimated annual change in cost of building operations based on the project:	N/A					
Estimated annual repair and rehabilitation investment (3):	N/A					

(1) Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.)
(2) Be consistent in the naming of funds to be used for projects. If bonding, note Bonding Authority Year (1965, 1929, 1927, etc.)
(3) Estimate the amount of funding the institution would need to set aside annually to address R&R needs for the project. CHE suggests 1.5% of total construction cost
(4) If issuing debt, determine annual payment based on 20 years at 5.75% interest rate
- If project is a lease-purchase or lease, adjust accordingly. Note the total cost of the lease in the project cost, and annual payments in project description

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION

Hansen Hall Roof Sections A thru F and 1 thru 14 Repair

Institution: Purdue University
Campus: West Lafayette

Budget Agency Project No.: B-1-13-2-22
Institutional Priority: N/A

Description of Project

The existing roof is experiencing general failure, especially at several of the roof penetrations. The project will result in a complete replacement of the existing roof – sections A thru F and 1 thru 14. The long term capital plan for Purdue University calls for continuation of improving and extending the expectancy of our facilities. Adjacent buildings share a common access drive, and the drive must remain open during construction. Several projects are on-going in this area which may affect costs.

Need and Purpose of the Program

This project relates to the mission and long-term R&R strategic plan by eliminating a deficiency prior to a complete catastrophic failure. This is a continuation of improving and extending the life expectancy of our facilities by preventing collateral damage or life safety concerns. No programmatic changes are anticipated. The facility will remain open and operational throughout the project. If this project is not approved, further deterioration of the roof is expected, additional costs, collateral damage to the interior, could cause mold growth and slip creating an unsafe environment.

Space Utilization

N/A

Comparable Projects

This project is roughly 24,800 sq ft with a project budget of \$850,000, or roughly \$34/sq ft.
Comparable project - Civil Engineering Building Partial Roof Replacement - ARRA -2011, which was roughly 22,000 sq ft at \$850,000, or roughly \$38.5/ sq ft.

Background Materials

N/A

CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR Hansen Hall Roof Sections A thru F and I thru 14 Repair

Hansen Hall Roof Sections A thru F and I thru 14 Repair B-1-13-2-22	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)	286,931	2,678	-	289,609	-	-	289,609
Class Lab (210,215,220,225,230,235)	542,507	9,134	-	551,641	-	-	551,641
Non-class Lab (250 & 255)	1,430,385	64,353	-	1,494,738	-	-	1,494,738
Office Facilities (300)	2,073,712	69,752	2,280	2,145,744	-	-	2,145,744
Study Facilities (400)	387,069	4,300	1,100	392,469	-	-	392,469
Special Use Facilities (500)	1,125,283	29,011	-	1,154,294	-	-	1,154,294
General Use Facilities (600)	830,745	26,623	8,620	865,988	-	-	865,988
Support Facilities (700)	3,014,043	4,610	-	3,018,653	-	-	3,018,653
Health Care Facilities (800)	82,007	-	-	82,007	-	-	82,007
Resident Facilities (900)	2,272,486	75,800	-	2,348,286	-	-	2,348,286
Unclassified (000)	51,600	-	-	51,600	-	-	51,600
B. OTHER FACILITIES (Please list major categories)							
TOTAL SPACE	12,096,768	286,261	12,000	12,395,029	-	-	12,395,029

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
- (2) Should include capital projects requested by the institution based on 2013-15 Capital Request Summary

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

CAPITAL PROJECT COST DETAILS
Hansen Hall Roof Sections A thru F and 1 thru 14 Repair

Institution:	Purdue University	Budget Agency Project No.:	B-1-13-2-22
Campus:	West Lafayette	Institutional Priority:	N/A

ANTICIPATED CONSTRUCTION SCHEDULE

	<u>Month</u>	<u>Year</u>
Bid Date	May	2013
Start Construction	July	2013
Occupancy (End Date)	October	2013

ESTIMATED CONSTRUCTION COST FOR PROJECT

	<u>Cost Basis (1)</u>	<u>Estimated Escalation Factors (2)</u>	<u>Project Cost</u>
Planning Costs			
a. Engineering			\$ 48,050
b. Architectural			\$ -
c. Consulting			\$ -
Construction			
a. Structure			\$ 650,000
b. Mechanical (HVAC, plumbing, etc.)			\$ -
c. Electrical			\$ -
Movable Equipment			\$ -
Fixed Equipment			\$ -
Site Development/Land Acquisition			\$ -
Other (PM and S&T, Contingencies)			\$ 151,950
TOTAL ESTIMATED PROJECT COST	\$ -	\$ -	\$ 850,000

(1) Cost Basis is based on current cost prevailing as of: (INSERT MONTH AND YEAR)

(2) Explain in the Description of Project Section of the "Cap Proj Details" schedule the reasoning for estimated escalation factors

CAPITAL PROJECT OPERATING COST DETAILS

Hansen Hall Roof Sections A thru F and 1 thru 14 Repair

Institution:	Purdue University	Budget Agency Project No.:	B-1-13-2-22
Campus:	West Lafayette	Institutional Priority:	N/A

	<u>GSF OF AREA AFFECTED BY PROJECT</u>			
ANNUAL OPERATING COST/SAVINGS (1)				
	Cost per GSF	Total Operating Cost	Personal Services	Supplies and Expenses
1. Operations		\$ -		
2. Maintenance		\$ -		
3. Fuel		\$ -		
4. Utilities		\$ -		
5. Other		\$ -		
TOTAL ESTIMATED OPERATIONAL COST/SAVINGS	N/A	N/A	N/A	N/A

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

There will be no change in operating costs as a result of this project.

(1) Based on figures from "Individual Cap Proj Desc" schedule