



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

March 17, 2014

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, Lynn Hall Air Handling Unit ACG18 Replacement, on the West Lafayette campus has been approved as required under the Bylaws of the Board of Trustees of Purdue University.

This project will demolish the existing heating and ventilating unit serving the large animal surgery and recovery suites and replace with a single roof mounted air handling unit capable of serving large animal treatment and surgery rooms. The new unit will bring the temperature controls and humidity controls up to meet current standards for medical facilities.

The estimated cost of this project is \$1,495,000, to be funded from bonds issued for Repair and Rehabilitation as authorized by the Indiana General Assembly under IC 21-34-10-8. The University intends to utilize its existing tax-exempt commercial paper and long-term debt program to fund these expenditures.

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 blue ink, appearing to read "A.V. Diaz".

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

bjm

Attachments

c: Matt Hawkins, Associate Commissioner and Chief Financial Officer  
Brian Bailey, State Budget Director  
Mary Catherine Gaisbauer, Comptroller  
Kevin Green, Assistant Director of Capital Planning

**PROJECT SUMMARY AND DESCRIPTION**  
**FOR: LYNN HALL AIR HANDLING UNIT ACG18 REPLACEMENT**

<b>Institution:</b>	<input type="text" value="Purdue University"/>	<b>Budget Agency Project No.:</b>	<input type="text" value="B-1-14-2-19"/>
<b>Campus:</b>	<input type="text" value="West Lafayette"/>	<b>Institutional Priority:</b>	<input type="text" value="NA"/>
<b>Previously approved by General Assembly:</b>	<input type="text" value="No"/>	<b>Previously recommended by CHE:</b>	<input type="text" value="No"/>
<b>Part of the Institution's Long-term Capital Plan:</b>	<input type="text" value="Yes"/>		

**Project Summary Description:**

Demolish the existing heating and ventilating unit serving the large animal surgery and recovery suites with single roof mounted air handling unit capable of serving large animal treatment and surgery rooms. The new unit will bring the temperature controls and humidity controls up to meet current standards for medical facilities.

**Summary of the impact on the educational attainment of students at the institution:**

Improving air flow and air quality, reducing energy where possible, and providing a safe environment for research, staff, students, and visitors.

<b>Project Size:</b>	<input type="text" value="N/A"/> GSF	<input type="text" value="N/A"/> ASF	<input type="text" value="N/A"/> ASF/GSF
<b>Net change in overall campus space:</b>	<input type="text" value="N/A"/> GSF	<input type="text" value="N/A"/> ASF	

<b>Total cost of the project (1):</b>	<input type="text" value="\$ 1,495,000"/>	<b>Cost per ASF/GSF:</b>	<input type="text" value="N/A"/> GSF
			<input type="text" value="N/A"/> ASF

<b>Funding Source(s) for project (2):</b>	<input type="text" value="\$ 1,495,000"/> Bonds Proceeds - Repair and Rehabilitation Financing Program under IC 21-34-10-8
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<b>Estimated annual debt payment (4):</b>	<input type="text" value="N/A"/>
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<b>Are all funds for the project secured:</b>	<input type="text" value="Yes"/>
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<b>Estimated annual change in cost of building operations based on the project:</b>	<input type="text" value="N/A"/>
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<b>Estimated annual repair and rehabilitation investment (3):</b>	<input type="text" value="N/A"/>
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(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

FOR: LYNN HALL AIR HANDLING UNIT ACG18 REPLACEMENT

**Institution:**

Purdue University

**Budget Agency Project No.:**

B-1-14-2-19

**Campus:**

West Lafayette

**Institutional Priority:**

N/A

## Description of Project

Demolish the existing heating and ventilating unit serving the large animal surgery and recovery suites and replace with a single roof mounted air handling unit capable of serving large animal treatment and surgery rooms. The new unit will bring the temperature controls and humidity controls up to meet current standards for medical facilities.

## Need and Purpose of the Program

Improving air flow and air quality, reducing energy where possible, and providing a safe environment for research, staff, students, and visitors are all components for the strategic mission of the R & R program for Lynn Hall.

## Space Utilization

Improving air flow and air quality, reducing energy where possible, and providing a safe environment for research, staff, students, and visitors.

## Comparable Projects

No recent projects on campus similar to cost and scope.

## Background Materials

Not applicable.

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR LYNN HALL AIR HANDLING UNIT ACG18 REPLACEMENT**

LYNN HALL AIR HANDLING UNIT ACG18 REPLACEMENT B-1-14-2-19	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	293,153	2,827	52,250	348,230	-	-	348,230
Class Lab (210,215,220,225,230,235)	548,826	8,118	(2,571)	554,373	-	-	554,373
Non-class Lab (250 & 255)	1,466,462	57,604	(628)	1,523,438	-	-	1,523,438
Office Facilities (300)	2,097,147	61,194	(24,083)	2,134,258	-	-	2,134,258
Study Facilities (400)	387,858	5,949	31,873	425,680	-	-	425,680
Special Use Facilities (500)	1,129,708	16,691	9,578	1,155,977	-	-	1,155,977
General Use Facilities (600)	823,761	30,525	5,065	859,351	-	-	859,351
Support Facilities (700)	3,022,697	281,093	(226)	3,303,564	-	-	3,303,564
Health Care Facilities (800)	83,596	-	-	83,596	-	-	83,596
Resident Facilities (900)	2,271,095	57,045	-	2,328,140	-	-	2,328,140
Unclassified (000)	15,731	9,395	(2,148)	22,978	-	-	22,978
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>12,140,034</b>	<b>530,441</b>	<b>69,110</b>	<b>12,739,585</b>	<b>-</b>	<b>-</b>	<b>12,739,585</b>

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**  
**FOR: LYNN HALL AIR HANDLING UNIT ACG18 REPLACEMENT**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-14-2-19
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<u>Month</u>	<u>Year</u>
Bid Date	May	2014
Start Construction	September	2014
Occupancy (End Date)	March	2015

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<u>Cost Basis</u> (1)	<u>Estimated Escalation</u> Factors (2)	<u>Project Cost</u>
<b><u>Planning Costs</u></b>			
a. Engineering			\$ 100,000
b. Architectural			\$ 20,000
c. Consulting			\$ -
<b><u>Construction</u></b>			
a. Structure			\$ 125,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 1,200,000
c. Electrical			\$ 50,000
<b><u>Movable Equipment</u></b>			\$ -
<b><u>Fixed Equipment</u></b>			\$ -
<b><u>Site Development/Land Acquisition</u></b>			\$ -
<b><u>Other (Please list)</u></b>			\$ -
<b><u>TOTAL ESTIMATED PROJECT COST</u></b>			<b>\$ 1,495,000</b>

(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**  
**FOR: LYNN HALL AIR HANDLING UNIT ACG18 REPLACEMENT**

**Institution:**   
**Campus:**

**Budget Agency Project No.:**   
**Institutional Priority:**

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

**Description of any unusual factors affecting operating and maintenance costs/savings.**  
 No net change in Operating Costs is anticipated.

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