



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

April 7, 2014

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

Dear Governor Pence:

At its meeting on February 20, 2014, the Purdue University Board of Trustees approved the project, "Shreve Hall Academic Support Center" on the Purdue University West Lafayette Campus.

The Academic Support Center (ASC) is located on the First Floor of Shreve Hall in the two-story center portion between the two resident towers in what was originally the Food Service and Dining area. The scope of this project is to transform the currently under-utilized area into a center for collaborative learning, as well as to provide an area for a variety of supplementary learning and teaching styles.

The estimated cost of this project is \$3,900,000, to be funded from Housing and Food Services Departmental Reserves.

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", written over the word "Sincerely,".

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: SHREVE HALL ACADEMIC SUPPORT CENTER**

Institution:	Purdue University	Budget Agency Project No.:	B-1-14-2-24
Campus:	West Lafayette	Institutional Priority:	N/A
Previously approved by General Assembly:	N/A	Previously recommended by CHE:	N/A
Part of the Institution's Long-term Capital Plan:	N/A		

Project Summary Description:

The Academic Support Center (ASC) is located on the First Floor of Shreve Hall in the two-story center portion between the two resident towers in what was originally the Food Service and Dining area. The scope of this project is to transform the currently under-utilized area into a center for collaborative learning, as well as to provide an area for a variety of supplementary learning and teaching styles.

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

The ASC will be open to any student living in University Residences and will offer a combination of organized (instruction, supplemental instruction, career development, academic advising, personal counseling) and self-directed (individual study, group study, group project work) activities integral to student success.

Project Size:	28,057 GSF	19,312 ASF	0.69 ASF/GSF
Net change in overall campus space:	1,550 GSF	-1,429 ASF	

Total cost of the project (1):	\$ 3,900,000	Cost per ASF/GSF:	\$ 139.00 GSF
			\$ 201.95 ASF

Funding Source(s) for project (2): \$ 3,900,000 Departmental Funds - Housing & Food Services Reserves

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: Nominal Change

Estimated annual repair and rehabilitation investment (3): Nominal Change

(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: SHREVE HALL ACADEMIC SUPPORT CENTER**

Institution:	Purdue University	Budget Agency Project No.:	B-1-14-2-24
Campus:	West Lafayette	Institutional Priority:	N/A

Description of Project

The Academic Support Center (ASC) is located on the First Floor of Shreve Residence Hall in the two-story center portion between the two resident towers in what was originally the Food Service and Dining area. The scope of this project is to transform the currently under-utilized area into a center for collaborative learning, as well as to provide an area for a variety of supplementary learning and teaching styles. The primary components of the space will be one Meeting Room seating 80+ students, one Meeting Room seating 24 students, new Toilet Room(s) to support the renovated area, as well as the existing Gold and Jade Conferencing Rooms, a Vending Alcove, one Administrative Office, one Storage Room, one Information Center, one Computer Classroom seating 15 students, one large Student Learning Lounge providing a variety of learning configurations from one (1) to six (6) students, one Conference Room seating 16, one Conference Room seating 10, four (4) Group Study Alcoves, three (3) Offices, and a new Exterior Entrance and Vestibule with a new hydraulic elevator providing accessible access to the First and Second Floors. In addition to the work described above a new Fire Protection System (FPS) will be added on the First Floor.

Need and Purpose of the Program

The ASC will be open to any student living in University Residences and will offer a combination of organized (instruction, supplemental instruction, career development, academic advising, personal counseling) and self-directed (individual study, group study, group project work) activities integral to student success. Major types of spaces to be included in the project are work rooms, conference rooms, group study rooms, group collaboration stations, motel offices, open-plan study spaces and computer lab with print-release station along with ancillary spaces such as rest rooms, vending, reception and storage. These spaces will be equipped with furnishings and technology appropriate to their intended uses. Space will be reserved for future expansion. The project includes creation of a new building entrance to allow non-Shreve residents to directly access the ASC from the exterior and a new elevator and hoistway that will also enhance accessibility for all of Shreve Hall. The ASC will contain +/- 12,500 SF of space; the project budget also includes funds to sprinkle an additional +/- 16,000 square feet of adjacent space which will fully complete the sprinklering of Shreve Hall.

Space Utilization

The space to be renovated is decommissioned dining and food service space that served students in Shreve Residence Hall prior to the University's consolidation of dining facilities in the early to middle 2000s. In the interim the former commercial kitchen has been unused except for storage and one dining room once functioned as temporary open office space. The dining rooms now serve as meeting rooms, study rooms and multi-purpose rooms for students and summer conferences. The renovated space will remain University Residences' space and will be developed as a learning resource center for students who live in campus residence halls.

Comparable Projects

This project is similar to the recently renovated Krannert School of Management Parrish Library which offers many of the same spaces as proposed for this project. Its total square footage is 16,800 GSF and its total cost was \$3,550,000, or \$211.31/GSF. Some of the meeting space in this project is similar to Purdue's new IMPACT (Instruction Matters, Purdue Academic Course Transformation) classrooms which vary in cost depending upon location and degree of renovation required.

Background Materials

The source of funds for this project is Housing and Food Services Reserves which are generated through room and board fees and conference revenues. These funds are used for renovation and repair of HFS facilities. The balance of this fund as of March 31, 2014 was \$26,606,431.69.

CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR SHREVE HALL ACADEMIC SUPPORT CENTER

SHREVE HALL ACADEMIC SUPPORT CENTER B-1-14-2-24	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)	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	(8,011)	1,683	2,143,952
Study Facilities (400)	387,858	5,949	31,873	425,680	-	698	426,378
Special Use Facilities (500)	1,129,708	16,691	9,578	1,155,977	-	-	1,155,977
General Use Facilities (600)	823,761	30,325	5,065	859,351	-	8,279	867,630
Support Facilities (700)	3,022,697	281,093	(226)	3,303,564	(6,762)	3,353	3,313,679
Health Care Facilities (800)	83,596	-	-	83,596	-	-	83,596
Resident Facilities (900)	2,271,095	57,045	-	2,328,140	(732)	-	2,328,872
Unclassified (000)	15,731	9,395	(2,148)	22,978	-	-	22,978
B. OTHER FACILITIES (Please list major categories)							
TOTAL SPACE	12,140,034	530,441	69,110	12,739,585	(15,505)	14,013	12,769,103

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)

Space under construction includes: Ralph and Bettye Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery, Harrison Street Parking Garage, Lyles-Porter Hall, Third Street Suites, Seng-Liang Wang Hall

Space planned and funded includes: Active Learning Center, Softball Stadium

Space to be terminated includes: Various 1st and 2nd floor SHRV rooms

**CAPITAL PROJECT COST DETAILS
FOR: SHREVE HALL ACADEMIC SUPPORT CENTER**

Institution:	Purdue University	Budget Agency Project No.:	B-1-14-2-24
Campus:	West Lafayette	Institutional Priority:	N/A

ANTICIPATED CONSTRUCTION SCHEDULE

	<u>Month</u>	<u>Year</u>
Bid Date	June	2014
Start Construction	August	2014
Occupancy (End Date)	January	2015

ESTIMATED CONSTRUCTION COST FOR PROJECT

	<u>Cost Basis</u> (1)	<u>Estimated Escalation</u> Factors (2)	<u>Project Cost</u>
<u>Planning Costs</u>			
a. Engineering			\$ -
b. Architectural	\$ 348,500		\$ 348,500
c. Consulting	\$ 144,800		\$ 144,800
<u>Construction</u>			
a. Structure	\$ 1,179,073		\$ 1,179,073
b. Mechanical (HVAC, plumbing, etc.)	\$ 641,522		\$ 641,522
c. Electrical	\$ 666,378		\$ 666,378
<u>Movable Equipment</u>	\$ 275,000		\$ 275,000
<u>Fixed Equipment</u>	\$ 170,423		\$ 170,423
<u>Site Development/Land Acquisition</u>	\$ 123,159		\$ 123,159
<u>Other (Contingency, Project Mngmt., Insurance)</u>	\$ 351,145		\$ 351,145
<u>TOTAL ESTIMATED PROJECT COST</u>	\$ 3,900,000		\$ 3,900,000

(1) Cost Basis is based on current cost prevailing as of: April 2014.

(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: SHREVE HALL ACADEMIC SUPPORT CENTER**

Institution: Purdue University
Campus: West Lafayette

Budget Agency Project No.: B-1-14-2-24
Institutional Priority: N/A

GSF OF AREA AFFECTED BY PROJECT 28,057

ANNUAL OPERATING COST/SAVINGS (1)

	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses
1. Operations	0 \$	-		
2. Maintenance	0 \$	-		
3. Fuel	0 \$	-		
4. Utilities	0 \$	-		
5. Other	0 \$	-		
TOTAL ESTIMATED OPERATIONAL COST/SAVINGS	0 \$	-	\$ -	\$ -

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

Nominal increases in electrical useage due to computer lab and other instruction type of equipment.

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