August 8, 2019

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

Dear Governor Holcomb:

At its meeting on August 2, 2019, the Purdue University Board of Trustees approved the planning, financing, construction and award of construction contracts for University Residences Bathroom Renovation Phase IX–Shreve Residence Hall project on the Purdue West Lafayette campus.

This project is the ninth and final phase of the University Residences H-Hall bathroom renovations on the West Lafayette campus. This phase will complete work in Shreve Residence Hall and will reconfigure and renovate approximately 7,160 GSF of community bathrooms on the first through eighth floors of the west tower. The work will replace the original, aging infrastructure and reconfigure the space to enhance ADA accessibility and provide greater privacy and an updated appearance.

The estimated cost of this project is $5,300,000 and will be funded with Auxiliary Funds-Housing/Dining.

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,

William E. Sullivan
Treasurer and Chief Financial Officer

Attachments

c: Alecia Nafziger, Associate Commissioner and Chief Financial Officer, Indiana Commission for Higher Education
   Zachary Jackson, Director, Indiana State Budget Agency
   Kathleen Thomason, Comptroller, Purdue University
   Anthony Hahn, Director, State Relations & Policy Analysis, Purdue University
**PROJECT COST SUMMARY**
University Residences Bathroom Renovation Phase IX - Shreve Residence Hall

<table>
<thead>
<tr>
<th>Institution:</th>
<th>Purdue University</th>
<th>Budget Agency Project No.:</th>
<th>B-1-20-2-06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus:</td>
<td>West Lafayette</td>
<td>Institutional Priority:</td>
<td>N/A</td>
</tr>
<tr>
<td>Previously approved by General Assembly:</td>
<td>No</td>
<td>Previously recommended by CHE:</td>
<td>No</td>
</tr>
<tr>
<td>Part of the Institution's Long-term Capital Plan:</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project Size:**
- 7,160 GSF (1)
- 5,820 ASF (2)
- 0.81284916 ASF/GSF

**Net change in overall campus space:**
- 0 GSF
- 0 ASF

**Total cost of the project (3):** $5,300,000

**Cost per ASF/GSF:** 740.22346 GSF

**Total cost of the demolition:** $0

**Funding Source(s) for project (4):**
- Amount: $5,300,000
- Type: Auxiliary Funds-Housing/Dining

**Estimated annual debt payment (6):** N/A

**Are all funds for the project secured:** Yes

**Project Funding:**
N/A

**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:** N/A

**Estimated annual repair and rehabilitation investment (5):** N/A
University Residences Bathroom Renovation Phase IX - Shreve Residence Hall

**Description of Project**
This is the ninth and final phase of the University Residences H-Hall bathroom renovations on the West Lafayette campus. This phase will complete work in Shreve Residence Hall and will reconfigure and renovate approximately 7,160 GSF of community bathrooms on the first through eighth floors of the west tower. The work will replace the original, aging infrastructure and reconfigure the space to enhance Americans with Disabilities Act (ADA) accessibility and provide greater privacy and an updated appearance.

**Need and Purpose of the Program**
The housing master plan presented to the Purdue University Board of Trustees in October 2009 noted that the role of campus housing in generating a sense of community "cannot be overstated." In order to fulfill this role, University Residences must be strategic in updating facilities to reflect changing student preferences and remain an attractive housing option. Further noted in the master plan was the observation that a large percentage of university residences is comprised of older buildings in need of upgrades to remain competitive in the market. One specific recommendation was to renovate the restrooms in the high rise H-buildings to improve student satisfaction, especially with regard to privacy. This project is being proposed as the ninth and final phase renovation plan to meet this need.

**Space Utilization**
This work is renovating existing space.

**Comparable Projects**
- University Residences Bathroom Renovation Phase VII – Shreve Residence Hall (2018)
  - 7,168 GSF
  - $4,750,000
  - Renovation of bathrooms on floors one through eight in the east tower
- University Residences Bathroom Renovation Phase VII – Earhart Residence Hall (2017)
  - 7,072 GSF
  - $4,978,000
  - Renovation of eight floors worth of bathrooms

**Background Materials**
N/A
## Capital Project Request Form

**Indiana Public Postsecondary Education**

**Institution Campus Space Details for University Residences Bathroom Renovation Phase IX - Shreve Residence Hall**

### A. OVERALL SPACE IN ASF

<table>
<thead>
<tr>
<th>(Insert Project Title and SBA No.)</th>
<th>Current Space in Use</th>
<th>Space Under Construction (1)</th>
<th>Space Planned and Funded (1)</th>
<th>Subtotal Current and Future Space</th>
<th>Space to be Terminated (1)</th>
<th>New Space in Capital Request (2)</th>
<th>Net Future Space</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom (110 &amp; 115)</td>
<td>330,369</td>
<td>3,119</td>
<td></td>
<td>333,488</td>
<td></td>
<td></td>
<td>333,488</td>
</tr>
<tr>
<td>Class Lab (210,215,220,225,230,235)</td>
<td>616,045</td>
<td>53,863</td>
<td>68,518</td>
<td>738,426</td>
<td></td>
<td></td>
<td>738,426</td>
</tr>
<tr>
<td>Non-class Lab (250 &amp; 255)</td>
<td>1,577,327</td>
<td>28,176</td>
<td>(17,963)</td>
<td>1,587,540</td>
<td></td>
<td></td>
<td>1,587,540</td>
</tr>
<tr>
<td>Office Facilities (300)</td>
<td>2,251,226</td>
<td>17,515</td>
<td>28,885</td>
<td>2,297,626</td>
<td></td>
<td></td>
<td>2,297,626</td>
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<tr>
<td>Study Facilities (400)</td>
<td>381,012</td>
<td>11,225</td>
<td>6,171</td>
<td>398,408</td>
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<td>398,408</td>
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<tr>
<td>Special Use Facilities (500)</td>
<td>1,247,377</td>
<td></td>
<td></td>
<td>1,247,377</td>
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<td></td>
<td>1,247,377</td>
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<tr>
<td>General Use Facilities (600)</td>
<td>945,835</td>
<td>45,900</td>
<td>200</td>
<td>991,935</td>
<td></td>
<td></td>
<td>991,935</td>
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<tr>
<td>Support Facilities (700)</td>
<td>2,940,123</td>
<td>(365)</td>
<td>(134)</td>
<td>2,939,624</td>
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<td></td>
<td>2,939,624</td>
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<tr>
<td>Health Care Facilities (800)</td>
<td>116,291</td>
<td></td>
<td>89,901</td>
<td>206,192</td>
<td></td>
<td></td>
<td>206,192</td>
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<tr>
<td>Resident Facilities (900)</td>
<td>2,519,400</td>
<td>175,550</td>
<td></td>
<td>2,694,950</td>
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<td>2,694,950</td>
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<tr>
<td>Unclassified (000)</td>
<td>46,681</td>
<td></td>
<td></td>
<td>46,681</td>
<td></td>
<td></td>
<td>46,681</td>
</tr>
</tbody>
</table>

### B. OTHER FACILITIES

(Please list major categories) - - - -

**Total Space**

| Current Campus Totals | 12,971,685 | 334,983 | 175,578 | 13,482,246 | - | - | 13,482,246 |
## CAPITAL PROJECT COST DETAILS

**University Residences Bathroom Renovation Phase IX - Shreve Residence Hall**

<table>
<thead>
<tr>
<th>Institution:</th>
<th>Purdue University</th>
<th>Budget Agency Project No.:</th>
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<tr>
<td>Campus:</td>
<td>West Lafayette</td>
<td>Institutional Priority:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## ANTICIPATED CONSTRUCTION SCHEDULE

<table>
<thead>
<tr>
<th>Bid Date</th>
<th>Month</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>January</td>
<td>2020</td>
</tr>
<tr>
<td>Start Construction</td>
<td>May</td>
<td>2020</td>
</tr>
<tr>
<td>Occupancy (End Date)</td>
<td>August</td>
<td>2020</td>
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</table>

## ESTIMATED CONSTRUCTION COST FOR PROJECT

<table>
<thead>
<tr>
<th>Planning Costs</th>
<th>Cost Basis (1)</th>
<th>Estimated Escalation Factors (2)</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Engineering</td>
<td>$ 54,500</td>
<td></td>
<td>$ 54,500</td>
</tr>
<tr>
<td>b. Architectural</td>
<td>$ 90,000</td>
<td></td>
<td>$ 90,000</td>
</tr>
<tr>
<td>c. Consulting</td>
<td>$ 2,500</td>
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<td>$ 2,500</td>
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</table>

<table>
<thead>
<tr>
<th>Construction</th>
<th>Cost Basis (1)</th>
<th>Estimated Escalation Factors (2)</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Structure</td>
<td>$ 400,000</td>
<td></td>
<td>$ 400,000</td>
</tr>
<tr>
<td>b. Mechanical (HVAC, plumbing, etc.)</td>
<td>$2,000,000</td>
<td></td>
<td>$ 2,000,000</td>
</tr>
<tr>
<td>c. Electrical</td>
<td>$1,500,000</td>
<td></td>
<td>$ 1,500,000</td>
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<tr>
<td></td>
<td>$ 800,000</td>
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<td>$ 800,000</td>
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</table>

<table>
<thead>
<tr>
<th>Movable Equipment</th>
<th>Cost Basis (1)</th>
<th>Estimated Escalation Factors (2)</th>
<th>Project Cost</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$ -</td>
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<td>$ -</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Fixed Equipment</th>
<th>Cost Basis (1)</th>
<th>Estimated Escalation Factors (2)</th>
<th>Project Cost</th>
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<tbody>
<tr>
<td></td>
<td>$ -</td>
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<td>$ -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site Development/Land Acquisition</th>
<th>Cost Basis (1)</th>
<th>Estimated Escalation Factors (2)</th>
<th>Project Cost</th>
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<tbody>
<tr>
<td></td>
<td>$ -</td>
<td></td>
<td>$ -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other (PM fees, CMc fees, contingency, etc.)</th>
<th>Cost Basis (1)</th>
<th>Estimated Escalation Factors (2)</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 453,000</td>
<td></td>
<td>$ 453,000</td>
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</tbody>
</table>

**TOTAL ESTIMATED PROJECT COST** $5,300,000 $ `-` $ 5,300,000
### CAPITAL PROJECT OPERATING COST DETAILS

**University Residences Bathroom Renovation Phase IX - Shreve Residence Hall**

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</table>

| GSF OF AREA AFFECTED BY PROJECT | 7,160 |

#### ANNUAL OPERATING COST/SAVINGS (1)

<table>
<thead>
<tr>
<th></th>
<th>Cost per GSF</th>
<th>Total Operating Cost</th>
<th>Personal Services</th>
<th>Supplies and Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Operations</td>
<td>N/A</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2. Maintenance</td>
<td>N/A</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3. Fuel</td>
<td>N/A</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4. Utilities</td>
<td>N/A</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5. Other</td>
<td>N/A</td>
<td>$</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**TOTAL ESTIMATED OPERATIONAL COST/SAVINGS**

|                          | N/A          | -                   | -                  | -                     |

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