

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 a Southeast Campus Water Line Replacement project on the Purdue West Lafayette campus.

This project will replace the north-south chilled water line that runs east of Lynn Hall. This line is a major supply and return line for the West Lafayette campus and is over 40 years old. The new water line will have a life expectancy of approximately 50 years.

The estimated cost of this project is \$2,671,000 and will be funded with Operating 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,



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
Southeast Campus Water Line Replacement

Institution:	Purdue University	Budget Agency Project No.:	B-1-20-2-09
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 Size: 0 GSF (1) 0 ASF (2) 0 ASF/GSF

Net change in overall campus space: 0 GSF 0 ASF

Total cost of the project (3):	\$ 2,671,000	Cost per ASF/GSF:	N/A	GSF
Total cost of the demolition:	N/A		N/A	ASF

Funding Source(s) for project (4):	Amount	Type
	\$ 2,671,000	Operating Funds

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

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION

Southeast Campus Water Line Replacement

Institution: Purdue University
Campus: West Lafayette

Budget Agency Project No.: B-1-20-2-09
Institutional Priority: N/A

Description of Project

This project will replace the north-south chilled water line that runs east of Lynn Hall on the Purdue University West Lafayette campus. This line is a major supply and return line for the West Lafayette campus. The scope of this project includes the excavation of five access pits, which are used to place and operate the boring equipment, as well as the pipe welding operation and pulling operation. Work to one of the access pits includes an approximate two month shutdown to Marsteller Street just north of the Harrison Street intersection.

This project includes all temporary cooling required to support various campus buildings during the chilled water shutdown. The shutdown period is expected to last approximately two to eight weeks depending on the building and its needs.

Need and Purpose of the Program

The existing chilled water line is over 40 years old and has had numerous leaks and unplanned repairs in recent years. This project will provide the campus with a new chilled water feed at a very critical location, and the work will be coordinated with the new Veterinary Medicine Teaching Hospital project, which is located in the same area of campus. The new line will have a life expectancy of approximately 50 years.

Space Utilization

N/A

Comparable Projects

- Life Sciences Utility Infrastructure and Site Development (2016)
 - \$6,350,000
 - Connect utilities from near Herrick Lab to Drug Discovery and site development work for the mall north of the new facility
 - The cost is higher due to the additional site work included in the scope

Background Materials

N/A

CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR Southeast Campus Water Line Replacement

	Current Campus Totals			Subtotal Current and Future Space	Capital Request		Net Future Space
	Current Space in Use	Space Under Construction (1)	Space Planned and Funded (1)		Space to be Terminated (1)	New Space in Capital Request (2)	
(INSERT PROJECT TITLE AND SBA No.)							
<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)	616,045	53,863	68,518	738,426			738,426
Non-class Lab (250 & 255)	1,577,327	28,176	(17,963)	1,587,540			1,587,540
Office Facilities (300)	2,251,226	17,515	28,885	2,297,626			2,297,626
Study Facilities (400)	381,012	11,225	6,171	398,408			398,408
Special Use Facilities (500)	1,247,377			1,247,377			1,247,377
General Use Facilities (600)	945,835	45,900	200	991,935			991,935
Support Facilities (700)	2,940,123	(365)	(134)	2,939,624			2,939,624
Health Care Facilities (800)	116,291		89,901	206,192			206,192
Resident Facilities (900)	2,519,400	175,550		2,694,950			2,694,950
Unclassified (000)	46,681			46,681			46,681
<u>B. OTHER FACILITIES</u> (Please list major categories)				-			-
TOTAL SPACE	12,971,685	334,983	175,578	13,482,246	-	-	13,482,246

CAPITAL PROJECT COST DETAILS

Southeast Campus Water Line Replacement

Institution:	Purdue University	Budget Agency Project No.:	B-1-20-2-09
Campus:	West Lafayette	Institutional Priority:	N/A

ANTICIPATED CONSTRUCTION SCHEDULE

	<u>Month</u>	<u>Year</u>
Bid Date	April	2020
Start Construction	November	2020
Occupancy (End Date)	March	2021

ESTIMATED CONSTRUCTION COST FOR PROJECT

	<u>Cost Basis</u> (1)	<u>Estimated Escalation Factors</u> (2)	<u>Project Cost</u>
<u>Planning Costs</u>			
a. Engineering	\$ 85,000		\$ 85,000
b. Architectural	\$ -		\$ -
c. Consulting	\$ -		\$ -
<u>Construction</u>			
a. Structure	\$ -		\$ -
b. Mechanical (HVAC, plumbing, etc.)	\$ 2,450,000		\$ 2,450,000
c. Electrical	\$ -		\$ -
<u>Movable Equipment</u>	\$ -		\$ -
<u>Fixed Equipment</u>	\$ -		\$ -
<u>Site Development/Land Acquisition</u>	\$ -		\$ -
<u>Other (PM fee, insurance, testing, survey)</u>	\$ 136,000		\$ 136,000
TOTAL ESTIMATED PROJECT COST	\$ 2,671,000	\$ -	\$ 2,671,000

CAPITAL PROJECT OPERATING COST DETAILS

Southeast Campus Water Line Replacement

Institution:	Purdue University	Budget Agency Project No.:	B-1-20-2-09
Campus:	West Lafayette	Institutional Priority:	N/A

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

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