

ADDENDUM

June 26, 2015

IV. ACTION ITEMS

C. FY16 Budget Approval and FY17 Budget Submission

Attached are the preliminary budget for FY 2016 and the IBHE budget request for FY 2017.

It is recommended that the Board of Trustees approve the FY16 Preliminary Budget and the FY17 Budget Submission.

TABLE 1. REVENUES, EXPENDITURES, AND FUND BALANCES

(All Amounts in Thousands)

FUND SOURCE	FY13 ACTUAL	FY14 ACTUAL	FY15 ESTIMATED	FY16 * BUDGET	FY16 VS FY15		FY17 ** BUDGET	FY17 VS FY16	
					DOLLARS	PERCENT		DOLLARS	PERCENT
OPERATING FUNDS:									
Appropriated/Income Funds:									
A. State Appropriations	44,041.1	44,078.1	42,975.7	40,182.3	(2,793.4)	-6.5%	38,173.2	(2,009.1)	-5.0%
B. Tuition and Fees	73,760.7	72,021.9	68,746.1	63,767.4	(4,978.6)	-7.2%	63,280.2	(487.2)	-0.8%
C. Misc Inc (includes excess funds)	348.8	417.5	420.4	343.0	(77.3)	-18.4%	341.6	(1.4)	-0.4%
D. Waivers	(10,725.1)	(11,468.1)	(12,440.3)	(12,621.8)	(181.4)	1.5%	(12,621.8)	(0.0)	0.0%
Total Appropriated, Tuition and Fees	107,425.5	105,049.4	99,701.8	91,671.0	(8,030.8)	-8.1%	89,173.2	(2,497.8)	-2.7%
Deduct Expenditures	113,389.5	111,175.3	105,589.4	91,360.8	(14,228.6)	-13.5%	89,173.2	(2,187.6)	-2.4%
E. Net Suplus (Deficit)	(5,964.0)	(6,125.9)	(5,887.6)	310.2	6,197.8	-105.3%	-	(310.2)	-100.0%
F. Beginning Fund Balance	8,296.5	2,339.8	5,577.4	(310.2)	(5,887.6)	-105.6%	-	310.2	-100.0%
G. Transfers From Reserves	7.3	9,363.5	-	-	-	-	-	-	-
Ending Fund Balance--Appropriated	2,339.8	5,577.4	(310.2)	-	310.2	-100.0%	-	-	-
Non-Appropriated Revenues									
H. Student Fees	24,425.2	23,851.7	21,725.9	20,914.4	(811.5)	-3.7%	19,898.3	(1,016.1)	-4.9%
I. Federal (Pell, SEOG) and Other Grants	21,448.2	18,993.0	17,143.8	16,926.7	(217.1)	-1.3%	16,799.7	(127.0)	-0.8%
J. Gifts	2,325.2	2,016.8	1,542.9	1,469.3	(73.6)	-4.8%	1,445.8	(23.5)	-1.6%
K. Other Income	2,434.2	2,936.8	2,288.3	2,056.0	(232.3)	-10.2%	1,967.4	(88.6)	-4.3%
L. Housing and Dining Services	29,678.3	29,190.1	26,690.6	26,828.4	137.8	0.5%	26,827.4	(1.0)	0.0%
M. Sales and Services	10,315.3	10,144.2	10,016.2	9,579.4	(436.8)	-4.4%	9,349.7	(229.7)	-2.4%
Total Non-Appropriated Revenues	90,626.4	87,132.6	79,407.7	77,774.2	(1,633.5)	-2.1%	76,288.3	(1,485.9)	-1.9%
Deduct Expenditures	90,809.0	84,184.6	81,421.0	80,443.3	(977.7)	-1.2%	80,059.1	(384.2)	-0.5%
N. Net Surplus (Deficit)	(182.6)	2,948.0	(2,013.3)	(2,669.1)	(655.8)	32.6%	(3,770.8)	(1,101.7)	41.3%
Beginning Fund Balance	12,748.6	12,566.0	15,514.0	13,500.7	(2,013.3)	-13.0%	10,831.6	(2,669.1)	-19.8%
Ending Fund Balance--Non-Appropriated	12,566.0	15,514.0	13,500.7	10,831.6	(2,669.1)	-19.8%	7,060.8	(3,770.8)	-34.8%
ALL OPERATING FUNDS:									
O. Revenues	198,051.9	192,182.0	179,109.5	169,445.2	(9,664.3)	-5.4%	165,461.5	(3,983.7)	-2.4%
P. Expenditures	204,198.5	195,359.9	187,010.4	171,804.1	(15,206.3)	-8.1%	169,232.3	(2,571.8)	-1.5%
Q. Net Surplus (Deficit)	(6,146.6)	(3,177.9)	(7,900.9)	(2,358.9)	5,542.0	-70.1%	(3,770.8)	(1,411.9)	59.9%
R. Beginning Fund Balance	21,045.1	14,905.8	21,091.4	13,190.5	(7,900.9)	-37.5%	10,831.6	(2,358.9)	-17.9%
Transfers From Reserves	7.3	9,363.5	-	-	-	-	-	-	-
S. Ending Fund Balance	14,905.8	21,091.4	13,190.5	10,831.6	(2,358.9)	-17.9%	7,060.8	(3,770.8)	-34.8%

* Note that FY16 Budgeted Expenditures on Table 1 are preliminary since State Appropriations have yet to be finalized.

** Note that FY17 Budgeted Revenues and Expenditures on Table 1 do not include \$6.0 mil in requested state funds for Program Priority Requests.

TABLE 2. SUMMARY OF BUDGETED EXPENDITURES -- ALL FUNDS

(All Amounts in Thousands)

Expenditure Class	FY13	FY14	FY15	FY16	FY16 VS FY15		FY17	FY17 VS FY16	
	ACTUAL EXPENDITURES	ACTUAL EXPENDITURES	ESTIMATED EXPENDITURES	BUDGETED EXPENDITURES	DOLLARS	%	BUDGETED EXPENDITURES	DOLLARS	%
Personnel Services	114,014.7	113,013.1	107,065.4	94,548.7	(12,516.7)	-11.7%	92,361.3	(2,187.4)	-2.3%
Contractual Services	13,420.8	14,087.5	12,295.9	12,339.0	43.1	0.4%	12,483.0	144.0	1.2%
Computer Software	2,657.2	2,231.9	2,202.6	2,165.8	(36.8)	-1.7%	2,165.7	(0.1)	0.0%
Equipment	4,058.5	858.2	1,530.6	1,532.9	2.3	0.2%	1,529.6	(3.3)	-0.2%
Interest and Principal	8,122.1	6,294.1	5,999.2	5,298.3	(700.9)	-11.7%	5,298.3	-	0.0%
Library Books	1,631.5	1,418.6	1,449.7	1,348.0	(101.7)	-7.0%	1,197.8	(150.2)	-11.1%
Permanent Improvements	11,614.3	1,752.5	2,611.0	1,941.5	(669.5)	-25.6%	1,941.4	(0.1)	0.0%
Repairs and Maintenance	2,253.5	2,369.3	1,942.1	1,983.0	40.9	2.1%	1,982.7	(0.3)	0.0%
Scholarships and Awards	22,428.5	23,039.0	24,280.3	23,190.1	(1,090.2)	-4.5%	23,093.4	(96.7)	-0.4%
Commodities	5,055.3	4,363.9	3,903.2	3,723.4	(179.8)	-4.6%	3,715.1	(8.3)	-0.2%
Telecommunications	1,091.7	868.2	970.3	964.4	(5.9)	-0.6%	964.2	(0.2)	0.0%
Travel	1,594.5	1,584.2	1,266.9	1,129.1	(137.8)	-10.9%	1,127.8	(1.3)	-0.1%
Utilities	9,361.3	12,199.7	12,551.2	13,762.2	1,211.0	9.6%	13,762.2	-	0.0%
Purchase for Resale	6,085.0	5,283.8	5,174.7	5,174.7	-	0.0%	5,174.7	-	0.0%
Transfers to reserves	679.0	5,775.8	3,403.1	2,637.0	-	0.0%	2,435.1	-	0.0%
Excess Funds	130.6	220.1	364.2	66.0	(298.2)	-81.9%	0.0	(66.0)	-100.0%
Total All Funds Expenditures	204,198.5	195,359.9	187,010.4	171,804.1	(14,440.2)	-7.7%	169,232.3	(2,369.9)	-1.4%

* Note that FY16 Budgeted Expenditures on Table 3 are preliminary since State Appropriations have yet to be finalized.

** Note that FY17 Budgeted Expenditures in Table 3 do not include \$6.0 mil in requested state funds for Program Priority Requests.

TABLE 3. SUMMARY OF BUDGETED EXPENDITURES -- STATE APPROPRIATED and TUITION INCOME FUNDS

(All Amounts in Thousands)

Expenditure Class	FY13	FY14	FY15	FY16 *	FY16 VS FY15		FY17 **	FY17 VS FY16	
	ACTUAL EXPENDITURES	ACTUAL EXPENDITURES	ESTIMATED EXPENDITURES	BUDGETED EXPENDITURES	DOLLARS	%	BUDGETED EXPENDITURES	DOLLARS	%
Personnel Services	86,902.0	86,766.2	81,135.0	68,618.3	(12,516.7)	-15.4%	66,430.9	(2,187.4)	-3.2%
Contractual Services	4,411.8	5,266.5	3,958.0	3,600.0	(358.0)	-9.0%	3,750.0	150.0	4.2%
Computer Software	1,182.9	1,273.6	1,319.0	1,250.0	(69.0)	-5.2%	1,250.0	-	0.0%
Equipment	1,301.7	0.4	528.7	528.9	0.2	0.0%	528.9	-	0.0%
Interest and Principal	204.0	51.0	-	-	-	-	-	-	-
Library Books	1,613.2	1,395.4	1,407.9	1,308.0	(99.9)	-7.1%	1,157.9	(150.1)	-11.5%
Permanent Improvements	4,167.2	1,070.7	1,300.1	1,000.0	(300.1)	-23.1%	1,000.0	-	0.0%
Repairs and Maintenance	910.6	827.1	739.8	738.3	(1.5)	-0.2%	738.2	(0.1)	0.0%
Scholarships and Awards	3,981.3	5,399.5	7,033.2	6,350.0	(683.2)	-9.7%	6,350.0	-	0.0%
Commodities	1,712.1	1,299.7	1,103.9	1,040.0	(63.9)	-5.8%	1,040.0	-	0.0%
Telecommunications	634.5	497.9	467.5	467.5	-	0.0%	467.5	-	0.0%
Travel	969.7	994.9	736.5	600.0	(136.5)	-18.5%	600.0	-	0.0%
Utilities	4,719.5	6,281.8	5,859.8	5,859.8	-	0.0%	5,859.8	-	0.0%
Transfers to reserves	679.0	50.6	-	-	-	-	-	-	-
Total Appropriated Expenditures	113,389.5	111,175.3	105,589.4	91,360.8	(14,228.6)	-13.5%	89,173.2	(2,187.6)	-2.4%

* Note that FY16 Budgeted Expenditures on Table 3 are preliminary since State Appropriations have yet to be finalized.

** Note that FY17 Budgeted Expenditures in Table 3 do not include \$6.0 mil in requested state funds for Program Priority Requests.

TABLE 4. SUMMARY OF BUDGETED EXPENDITURES -- NON-APPROPRIATED FUNDS

(All Amounts in Thousands)

Expenditure Class	FY13	FY14	FY15	FY16	FY16 VS FY15		FY17	FY17 VS FY16	
	ACTUAL EXPENDITURES	ACTUAL EXPENDITURES	ESTIMATED EXPENDITURES	BUDGETED EXPENDITURES	DOLLARS	%	BUDGETED EXPENDITURES	DOLLARS	%
Personnel Services	27,112.7	26,246.9	25,930.4	25,930.4	-	0.0%	25,930.4	-	0.0%
Contractual Services	9,009.0	8,821.0	8,337.9	8,739.0	401.1	4.8%	8,733.0	(6.0)	-0.1%
Computer Software	1,474.3	958.3	883.6	915.8	32.2	3.6%	915.7	(0.1)	0.0%
Equipment	2,756.8	857.8	1,001.9	1,004.0	2.1	0.2%	1,000.7	(3.3)	-0.3%
Interest and Principal	7,918.1	6,243.1	5,999.2	5,298.3	(700.9)	-11.7%	5,298.3	-	0.0%
Library Books	18.3	23.2	41.8	40.0	(1.8)	-4.3%	39.9	(0.1)	-0.3%
Permanent Improvements	7,447.1	681.8	1,310.9	941.5	(369.4)	-28.2%	941.4	(0.1)	0.0%
Repairs and Maintenance	1,342.9	1,542.2	1,202.3	1,244.7	42.4	3.5%	1,244.5	(0.2)	0.0%
Scholarships and Awards	18,447.2	17,639.5	17,247.1	16,840.1	(407.0)	-2.4%	16,743.4	(96.7)	-0.6%
Commodities	3,343.2	3,064.2	2,799.3	2,683.4	(115.9)	-4.1%	2,675.1	(8.3)	-0.3%
Telecommunications	457.2	370.3	502.8	496.9	(5.9)	-1.2%	496.7	(0.2)	0.0%
Travel	624.8	589.3	530.4	529.1	(1.3)	-0.2%	527.8	(1.3)	-0.2%
Utilities	4,641.8	5,917.9	6,691.4	7,902.4	1,211.0	18.1%	7,902.4	-	0.0%
Purchase for Resale	6,085.0	5,283.8	5,174.7	5,174.7	-	0.0%	5,174.7	-	0.0%
Transfers to reserves	-	5,725.2	3,403.1	2,637.0	(766.1)	-22.5%	2,435.1	(201.9)	-7.7%
Excess Funds	130.6	220.1	364.2	66.0	(298.2)	-81.9%	-	(66.0)	-100.0%
Total Non-Appropriated Expenditures	90,809.0	84,184.6	81,421.0	80,443.3	(977.7)	-1.2%	80,059.1	(384.2)	-0.5%

Table 5. FY 2017 APPROPRIATED BUDGET RECOMMENDATION--STATE APPROPRIATED and TUITION INCOME FUNDS

(All Amounts in Thousands)

REVENUES	FY14	FY15	FY16	FY17	FY17 VS FY16	
	ACTUAL REVENUES	ESTIMATED REVENUES	BUDGETED REVENUES	BUDGETED REVENUES	DOLLARS	PERCENT
Appropriated/Income Funds						
State Appropriations	\$ 44,078.1	\$ 42,975.7	\$ 40,182.3	\$ 38,173.2	\$ (2,009.1)	-5.0%
Tuition and Fees	72,021.9	68,746.1	63,767.4	63,280.2	(487.2)	-0.8%
Misc Inc (includes excess funds)	417.5	420.4	343.0	341.6	(1.4)	-0.4%
Waivers	(11,468.1)	(12,440.3)	(12,621.8)	(12,621.8)	(0.0)	0.0%
Subtotal Income Fund Net Revenues	105,049.4	99,701.8	91,671.0	89,173.2	(2,497.8)	-2.7%
Beginning Fund Balance	2,339.8	5,577.4	(310.2)	0.0	310.2	-100.0%
Transfers From Reserves	9,363.5	-	-	-	-	
Add: Program Priority State Funds				6,030.4	6,030.4	
Total Income and Fund Balance	\$ 116,752.7	\$ 105,279.2	\$ 91,360.8	\$ 95,203.6	\$ 3,842.8	4.2%

OPERATING EXPENDITURES	FY14	FY15	FY16	FY17	FY17 VS FY16	
	ACTUAL EXPENDITURES	ESTIMATED EXPENDITURES	BUDGETED EXPENDITURES	BUDGETED EXPENDITURES	DOLLARS	PERCENT
Personnel Services	\$ 86,766.2	\$ 81,135.0	\$ 68,618.3	\$ 66,430.9	\$ (2,187.4)	-3.2%
Contractual Services	5,266.5	3,958.0	3,600.0	3,750.0	150.0	4.2%
Computer Software	1,273.6	1,319.0	1,250.0	1,250.0	-	0.0%
Equipment	0.4	528.7	528.9	528.9	-	0.0%
Interest and Principal	51.0	-	-	-	-	
Library Books	1,395.4	1,407.9	1,308.0	1,157.9	(150.1)	-11.5%
Permanent Improvements	1,070.7	1,300.1	1,000.0	1,000.0	-	0.0%
Repairs and Maintenance	827.1	739.8	738.3	738.2	(0.1)	0.0%
Scholarships and Awards	5,399.5	7,033.2	6,350.0	6,350.0	-	0.0%
Commodities	1,299.7	1,103.9	1,040.0	1,040.0	-	0.0%
Telecommunications	497.9	467.5	467.5	467.5	-	0.0%
Travel	994.9	736.5	600.0	600.0	-	0.0%
Utilities	6,281.8	5,859.8	5,859.8	5,859.8	-	0.0%
Transfers to reserves	50.6	-	-	-	-	
Total Operating Expenditures	\$ 111,175.3	\$ 105,589.4	\$ 91,360.8	\$ 89,173.2	\$ (2,187.6)	-2.4%

PROGRAM PRIORITY REQUESTS (PPR's)*

Academic Base Support				\$ 1,650.0	\$ 1,650.0	
Deferred Maintenance				1,978.4	1,978.4	
Recruitment in Diverse Learning Environment				402.0	402.0	
Technology Enhancements				2,000.0	2,000.0	
Total Program Priority Requests				\$ 6,030.4	\$ 6,030.4	

Total Operating and PPR's	111,175.3	105,589.4	91,360.8	95,203.6	3,842.8	4.2%
Ending Fund Balance	\$ 5,577.4	\$ (310.2)	\$ 0.0	\$ 0.0	\$ (0.0)	0.0%

* in alpha not priority order

TABLE 6. FY17 OPERATING BUDGET AND PROGRAM PRIORITY REQUEST BUDGETS--STATE APPROPRIATED and TUITION INCOME FUNDS
(All Amounts in Thousands)

Expenditure Class	ACADEMIC BASE SUPPORT	DEFERRED MAINT.	RECRUITMENT & RETENTION IN A DIVERSE LEARNING ENVIRONMENT	TECH. ENHANCE.	SUBTOTAL PPR'S	OPERATING BUDGET TABLE 3	TOTAL FY17 OPERATING BUDGET WITH PPR'S
Personnel Services	960.0	-	360.0	-	1,320.0	66,430.9	67,750.9
Contractual Services	-	-	35.0	-	35.0	3,750.0	3,785.0
Computer Software	-	-	-	-	-	1,250.0	1,250.0
Equipment	250.0	-	-	1,400.0	1,650.0	528.9	2,178.9
Interest and Principal	-	-	-	-	-	-	-
Library Books	-	-	-	-	-	1,157.9	1,157.9
Permanent Improvements	-	1,978.4	-	-	1,978.4	1,000.0	2,978.4
Repairs and Maintenance	-	-	-	-	-	738.2	738.2
Scholarships, Awards, Grants	365.0	-	-	-	365.0	6,350.0	6,715.0
Commodities	50.0	-	7.0	600.0	657.0	1,040.0	1,697.0
Telecommunications	-	-	-	-	-	467.5	467.5
Travel	25.0	-	-	-	25.0	600.0	625.0
Utilities	-	-	-	-	-	5,859.8	5,859.8
Total--PPR AND OPERATING	1,650.0	1,978.4	402.0	2,000.0	6,030.4	89,173.2	95,203.6

**Eastern Illinois University
FY 2017 Appropriated and Income Funds
Budget Request**

The Budget Process

Each year, Illinois public universities define their appropriated and income funds budget requirements. The process follows this timetable:

- Operating and capital budget requests as approved by the Board of Trustees for FY 2017 are sent to the Illinois Board of Higher Education (IBHE) by October 15. The contents of these requests are articulated in considerable detail in Eastern's Resource Allocation Management Plan—RAMP—document.
- IBHE staff members meet in late October with each public university to discuss local and state-wide issues and priorities.
- The IBHE issues its recommendations to universities in early December. These recommendations are made available to the Governor's office.
- Eastern's recommended appropriation is published by the IBHE in late January.
- The Governor presents budget recommendations in the annual State of the Budget address, normally given in February.
- Universities prepare and submit 200+ pages of Illinois State Legislature (ISL) forms and narrative to the General Assembly offices within 48 hours after the Governor's budget address. The ISL document provides expanded and enhanced budgetary details.
- University presidents and senior staff provide testimony regarding their budget requests before the House and Senate Appropriations Committees in March through April.
- Eastern's appropriation bill is drafted in April or late May.

Under Normal Conditions:

- The General Assembly finalizes appropriations by the end of May.
- The Governor signs the appropriation bill on or about July 1.
- Funds are available to universities by early July.

Prevailing Economics, Budget Assumptions, Year-over-Year Revenue and Expenditure Category Variance Discussion, and Significant Budgetary Initiatives

The prevailing condition associated with the development of the preliminary budgets for FY16 and FY17 is uncertainty. However, by September, 2015 most, if not all, of the missing key elements will be known: enrollments, state funding, FY15 revenues and expenditures, and FY15 fund balance. In September, the BOT will have a final operating budget document that will be comprehensive and actionable.

Program Priority Requests

Each year the university requests targeted funds for strategic initiatives. The following Program Priority Requests (PPRs) integrate the IBHE's *Public Agenda for College and Career Success*, the university's strategic plan adopted in FY 2012, and various criteria of the Performance Funding Model.

IBHE describes its *Public Agenda for College and Career Success* as “the pathway to one Illinois, where all residents have affordable access to high-quality educational opportunities that prepare them for the jobs of the present and the future.” The *Public Agenda* was developed at the direction of the General Assembly and was formulated through the “collaboration of literally hundreds of stakeholders in higher education” over a two-year period.

The *Public Agenda*'s goals for Illinois higher education are:

- a. Increase Educational Attainment
- b. Ensure College Affordability
- c. Address Workforce Needs
- d. Enhance Economic Growth

The EIU Strategic Plan's Six Strategic Themes embrace the following:

- a. Academic Excellence
- b. Global Competition and Changing Demographics
- c. Emerging Technologies
- d. Campus and Community Life
- e. Financial Sustainability
- f. Marketing and Communication

Performance Funding Measures:

In accordance with Public Act 97-320 (HB 1503), performance metrics accomplish the following:

- a. Reward performance of institutions in advancing the success of students who are:
 - o Academically or financially at risk.
 - o First generation students.
 - o Low-income students.
 - o Students traditionally underrepresented in higher education.
- b. Recognize and account for the differentiated missions of institutions of higher education.
- c. Focus on the fundamental goal of increasing completion.
- d. Recognize the unique and broad mission of public community colleges.
- e. Maintain the quality of degrees, certificates, courses, and programs.

The following Program Priority Requests, in support of the *Public Agenda*, the university's strategic objectives, and Performance Funding metrics are submitted to the Board of Trustees as part of the FY 2017 budget request.

Academic Base Support—\$1,650,000

This PPR provides academic base support to enable the university to recognize and enhance first-choice programs at the undergraduate and graduate levels. It supports Eastern’s Academic Excellence goal by aiding us to create a culture of rigor and to embed integrative learning opportunities systemically in our curricula. It also supports Illinois Public Agenda goals #1 and #3, which call on higher education institutions to increase educational attainment and the number and quality of post-secondary credentials.

In the strategic planning process, faculty, staff, and students established academic excellence as a key priority. One way to implement this directive and to enhance EIU’s academic reputation is to identify and support first-choice programs that offer students high-caliber learning opportunities, to apply what they learn, and to secure employment or further their education.

First-choice programs recruit students with exemplary credentials, attracting them because the programs have a proven reputation for:

1. Offering a cutting-edge curriculum designed to help students develop and refine the knowledge and skills demanded in the workplace;
2. Connecting them to faculty members known for their teaching, research/creative activity, and service;
3. Requiring them to work collaboratively with their peers and their teachers; and
4. Enriching their academic experience with a diverse array of opportunities that require them to apply, transfer, and reflect on what they learn in the classroom and outside of it, including research projects, internships and practica, study abroad, service learning, and so on.

These characteristics of first-choice programs, in turn, enable graduates to be strong competitors for jobs and graduate school placement.

The funds requested for this academic base support PPR would be directed at three key areas crucial to establishing first-choice programs: providing scholarships to the best students EIU can enroll; retooling curricula to systematically embed integrative learning opportunities and improve the skills employers demand, including communication and problem-solving skills; and provide individualized advising, tutoring, mentoring, research/creative activity, career counseling, and internship and job placement.

In addition to aiding EIU to create a culture of rigor and to enhance its reputation, this request supports *Illinois Public Agenda* goals and performance metrics that call on universities to increase educational attainment and the number and quality of post-secondary credentials.

Budget Detail:

12 Faculty	\$ 800,000
4 Support Staff	160,000
Contractual Services (includes scholarships)	365,000
Commodities	50,000
Travel	25,000
Equipment	<u>250,000</u>
Total Budget	<u>\$ 1,650,000</u>

Deferred Maintenance—\$1,978,421

The physical learning environment is critical to student retention. Many of our academic buildings are more than 50 years old and still have their original HVAC, plumbing, electrical equipment, doors and windows. This funding request would increase the annual state appropriation for deferred maintenance to approach the annual recommended deferred maintenance target of 1.5% of the current replacement value (CRV) of campus buildings. EIU’s FY 2012 CRV stood at \$419.9 million. Therefore, an annual budget of \$6.29 million is necessary to halt additional accumulation of deferred maintenance. (Note that this amount is simply to stop the growth of deferred maintenance. It will not reduce the present accumulated amount, which for FY 2012 at June 30, 2012, was estimated at \$147.5 million, including utilities infrastructure systems.) Presently, the university is funded at 0.47% of CRV, or \$1.97 million. This initiative requests that the annual funding level increase to 1.5% of CRV over three years (escalated at a rate of 6% per year). This level is in line with that of other higher education institutions that are considered to be “reasonably funded” for deferred maintenance.

One measure of deferred maintenance needs is called the Facility Condition Index (FCI) and is calculated by dividing the accumulated deferred maintenance by the replacement value (CRV). At last measure, the EIU FCI stands at 25% (\$104.7 million divided by \$419.9 million). An ideal target for higher education facilities is an FCI of 5% or less. An FCI greater than or equal to 15% is considered serious and indicative of a campus in poor condition. The university tracks and adjusts its estimate of the FCI on an annual basis. If funded, this PPR will help allow the university to gradually reduce the FCI over time.

Budget Detail:

Permanent Improvements	<u>\$ 1,978,421</u>
Total Budget	<u><u>\$ 1,978,421</u></u>

Recruitment and Retention in a Diverse Learning Environment—\$402,000

This request supports interrelated initiatives to improve the recruitment and retention of a diverse faculty, professional staff, and student body. It also reflects objectives that emerged through the recently completed strategic planning process. This planning process involved a cross-section of members of campus—faculty members, professional staff, students and members of the community—who considered how Eastern may enhance its efforts to respond to the changing demographics of Illinois college students and to prepare all students for global competition.

- Fund instructional materials and enrollment fees in higher education professional development seminars for faculty and staff participants in the University Professional Enrichment Program. This reinstated initiative fosters advancement opportunities for members of our campus, including members of groups who may be underrepresented in leadership positions.
- Design and deliver an enhanced dual career program for the spouses and partners of faculty and professional staff. This program supports the recruitment and retention of highly qualified faculty and professionals to a region of Illinois with increasingly fewer professional employment opportunities.
- Strengthen support services that serve students with significant personal and psychology issues and also those with disabilities.
- Reinstate support for two Visiting Distinguished Faculty Members or Visiting Distinguished Community Leaders who will enrich the campus climate with their knowledge and expertise on the issues affecting members of underrepresented and underserved groups.
- Design and pilot the Student Conflict Intervention teams and the Conflict Resolution Certificate Program for Students.
- Pilot incubator projects designed by student entrepreneurs that contribute to a richer campus climate that heightens student, faculty, and staff engagement and enhances services to members of underrepresented and underserved groups.

Budget Detail:

Personnel Services—faculty and professional staff	\$ 360,000
Contractual Services	35,000
Instructional materials, commodities	<u>7,000</u>
Total Budget	<u>\$ 402,000</u>

Technology Enhancements—\$2,000,000

Three compelling mandates support this funding request: the elimination of a repeated audit finding requiring an off-site data security center for disaster recovery; the creation of a virtual desktop infrastructure; and increasing the density of campus wireless access points.

For several years, the Office of the Auditor General has cited EIU for not having a backup site for its data center. The only affordable move thus far towards remedying this situation has been to find space in existing buildings on campus to house backup data disks (SAN) connected to the main data center via fiber cables. A facility off-campus however would be more desirable. The space would require new computing and network equipment (redundant switches, servers and SAN disks) and an electrical and HVAC upgrade to handle the load. In addition, a backup generator would also be a requirement for a practical fallback site.

This funding request would also support the creation of a virtual desktop infrastructure (VDI). VDI would enable the university to host desktop operating systems within a virtual machine running on servers housed within the ITS data center. Students, faculty and staff would be able to access their virtual desktops at any location or using any machine, always receiving the same experience.

Demand for multimedia-capable high-speed network access for students in classrooms, labs and residence halls continue to grow rapidly. In its current configuration, the academic wireless network in the buildings will not be able to sustain more than two classrooms per access point. The density of the existing access points will need to be quadrupled to meet the anticipated classroom demand.

Budget Detail:

Commodities	\$ 600,000
Equipment	<u>1,400,000</u>
Total Budget	<u>\$ 2,000,000</u>

**Eastern Illinois University
FY2017 Budget Request
Capital Budget Summary**

Regular Capital Projects	Amount
New Science Building – Planning, Construction, & Equipment	\$ 110,902,300
Rehabilitate Life Science/Coleman HVAC and Plumbing – (Escalation only)	1,819,500
Upgrade Utilities Infrastructure – Safety & Utilities	29,609,200
Repurpose Steam Production Facilities – Remodel & Rehabilitation	<u>46,940,700</u>
Subtotal	\$ <u>189,271,700</u>
Capital Renewal Projects	
Fire Alarm Upgrades, Life Science/Buzzard/Coleman – Safety	3,970,000
Fire Alarm Upgrades, Old Main/Klehm Hall/Student Services – Safety	2,541,900
Upgrade Electrical, Life Science – Safety & Rehabilitation	1,054,200
Upgrade Electrical, Physical Science – Safety & Rehabilitation	1,405,400
Upgrade Electrical Building Distribution – Safety & Utilities	5,876,400
Energy Conservation Upgrade Fume Hoods – Safety	3,461,000
Emergency Generator, Physical Science – Safety	733,800
Upgrade HVAC, Physical Science/Klehm Hall – Safety & Rehabilitation	1,829,300
Replace Campus Compressed Air Distribution Piping – Safety & Utilities	702,800
Rehabilitate Klehm Hall HVAC and Plumbing – Safety & Rehabilitation	2,792,500
Old Main Exterior Restoration – Safety & Rehabilitation	<u>1,873,300</u>
Subtotal	\$ <u>26,240,600</u>
Total Capital Budget Request	\$ <u><u>215,512,300</u></u>

Eastern Illinois University
FY 2017 Capital Budget Request

Capital budget funds are requested in two main categories, regular capital and capital renewal. Regular capital projects are larger in scope and are often phased over several years. Regular capital funds can be requested for planning, site improvements, land acquisitions, utilities, construction, remodeling, and moveable equipment. Capital renewal projects are hybrids between a capital construction request and controlled maintenance. Capital renewal projects are usually focused on one particular building system in an attempt to renovate the system without significantly changing the programs in the building. For FY 2017, Eastern proposes the regular capital and capital renewal projects listed above.

Facilities Planning & Management is utilizing the retainer engineering contract with BRiC Partnership, LLC to review the Capital Renewal requests and ensure that project scopes and project budgets are in alignment. As campus efforts to reduce deferred maintenance and improve existing spaces continue, some work identified for execution via capital construction has been executed while new requirements surfaced in the same locations. The engineering studies will be completed with scopes and budgets incorporated into the final document for Board of Trustees approval in September.

Eastern Illinois University
Scope Statement
Category: Planning & Construction

New Science Building (Planning & Construction) – Project Number 2017–1 **\$ 110,902,300**

The recently updated Campus Master Plan identifies the need for a new science building. The recommendation was based on analysis of existing science facilities and the overall demand these departments place on the physical infrastructure. In addition, it was recognized that these academic departments demonstrated a serious space deficiency and are often challenged to provide instruction to students that is representative of current academic and industry practices.

The Campus Master Plan identifies a building site that is on property currently owned by the university. Planning and design costs are estimated to be about \$13.4-million, and construction costs for approximately 104,300 NASF are estimated to be about \$87.5-million. These estimates do not include the costs of equipment for the new building.

The need for a new building is predicated, in part, on an aged 77,600 NASF 1938 Physical Science structure with inadequate ceiling heights that inhibit proper ventilation needs. Once the chemistry labs are relocated to the new facility the existing structure will be repurposed to accommodate Geology/Geography, Physics, Psychology, and Nursing programs that require a lesser degree of ventilation needs.

Additionally, the Life Science building was constructed in 1963 and consists of 66,800 NASF. It does not have adequate lab spaces for modern biology instruction and research needs. Once Life Science is relocated to the new facility, the existing structure will be repurposed to house other departments with less special ventilation needs. Additionally, economics, math, and/or political science departments will be relocated from overcrowded Coleman Hall and Old Main buildings.

The new facility will house the biology and chemistry departments and include teaching and research laboratories, general classroom space, greenhouse and exterior plant biology facilities. It will contain building equipment and systems to provide adequate ventilation, fume control, plumbing, hazardous waste control, lighting and sound control necessary for a 21st-century science lab facility. The building will be constructed with appropriate floor-to-floor heights for the installation of mechanical, electrical and plumbing systems to service these departments. In addition, the building would centralize animal care facilities, presently housed in two campus buildings, to better maintain and efficiently house important living subjects.

In support of the campus vision of highly effective, high performance buildings additional effort in the area of energy efficiency and environmental stewardship is required. Design features resulting in building operational performance approaching near ‘net zero’ must be a part of the base philosophy. It is especially important in wet lab science buildings where approximately 70% of the life cycle operational cost are utilities driven. For the Eastern Illinois University project, budget allowances for optimized ventilation, tapping distributed heating and cooling, geothermal-based heating and cooling, exhaust heat recovery, passive solar, light harvesting, PV arrays, green roofs, rainwater harvest, grey water recycling, wind energy and architectural shading features have

New Science Building (Planning & Construction) – Project Number 2017–1 – continued

now been included and will therefore be considered as base infrastructure requirements.

Budget Details: See Table C104 on following pages.

Note that Table C104 does not include approximately \$10 mil in estimated equipment costs for the new building.

New Science Building (Planning & Construction) – Project Number 2017–1 – continued

TABLE C104

BUDGET YEAR BUILDING BUDGET ESTIMATION FORM
NAME OF UNIVERSITY AND CAMPUS

IBHE RAMP FISCAL YEAR 2017

CAPITAL REQUEST

PROJECT NAME New Science Building

(IN THOUSANDS OF DOLLARS)

SPACE TYPE	NASF	MULTIPLIER FACTOR	GSF	FY15 Rates \$/GSF	COST
Instructional lab (wet)	46,107	1.64	75,615	320.24	\$ 24,214.9
Research lab (wet)	25,548	1.67	42,665	424.17	\$ 18,097.2
Offices	15,503	1.70	26,355	279.85	\$ 7,375.4
General	1,650	1.90	3,135	323.13	\$ 1,013.0
Support	3,316	1.20	3,979	252.48	\$ 1,004.6
General Classrooms	7,800	1.50	11,700	270.33	\$ 3,162.9
Special Use (greenhouse)	4,350	1.80	7,830	270.47	\$ 2,117.8
1) BASE TOTAL	104,274		171,279		\$ 56,985.8
2) ADDED COSTS:					\$ 13,917.5
a) Historic Preservation Considerations: _____					\$
b) Green Building Design/LEED Certification Level <u>Silver</u> (Cert., Silver, Gold, Platinum)					\$ 3,419.1
c) Other Energy Efficiencies. <u>Near Carbon Neutral Features.</u>					\$ 8,788.8
d) Seismic Design <u>2%</u>					\$ 1,139.7
e) High Sophistication Piping <u>1%</u>					\$ 569.9
3) BASE COST					\$ 70,903.3
4) ADD ESCALATION COST: (See Below) (For monthly escalation costs, use Statewide Average: 2.7 percent per year, or 0.225 percent per month from base to bid date.) Expected Bid Date: _____ Number of Months to Bid Date <u>36</u>					\$ 5,743.2
5) ESCALATED BUILDING BUDGET (BASE PLUS ESCALATION)					\$ 76,646.5
6) ADD 10% FOR CONTINGENCIES					\$ 7,664.7
SUBTOTAL, BUILDING BUDGET					\$ 84,311.2
ADDITIONAL BUDGET ADDS:					
1) A/E FEES <u>10% *</u>					\$ 8,431.1
ON-SITE OBSERVATION:					
NUMBER OF MONTHS <u>42</u>					\$ 787.5
DAYS PER WEEK <u>5</u>					
2) REIMBURSABLES (5% of A/E fees unless better estimate available)					\$ 421.6
3) CDB CONSTRUCTION ADMINISTRATION FEE (3%)**					\$ 2,529.3
4) OTHER ADDS <u>Tie into current utility infrastructure</u>					\$ 4,000.0
5) ART IN ARCHITECTURE (As Applicable) -- ONE-HALF OF ONE PERCENT					\$ 421.6
SUB-TOTAL, BUDGET ADDS					\$ 16,591.1
TOTAL, BUILDING BUDGET					\$ 100,902.3

OTHER:

PROVIDE AN ESTIMATE OF ANNUAL STATE SUPPORTED

OPERATIONS AND MAINTENANCE EXPENSE	TOTAL	\$ 6,050
Number of additional staff: <u>8.5</u>	Salaries and Related	850
	Utilities	1,400
	Repairs and Maintenance	3,800
	All Other	

Eastern Illinois University

Scope Statement

Category: Remodeling and Rehabilitation – Escalation Costs

Rehabilitate Life Science /Coleman HVAC and Plumbing – Project Number 2017–2 **\$1,819,500**

This project was originally appropriated in FY 2010 but is not yet funded. This request is to recognize the inflation needs for the project from the original request date.

The HVAC systems in the Life Science building (1963), the Life Science Annex building (1964), the Coleman Hall East building (1965) and the Coleman Hall West building (1968) are original equipment and are failing to provide adequate levels of comfort in seasonal service. Air handling units that fail to deliver acceptable indoor air quality compromise the normal delivery of education to our students. In addition, poor temperature control and air delivery are energy inefficient. Also, the building heating and chilled water distribution systems have experienced numerous leaks due to internal and external corrosion and thinning of pipe wall thickness. The deterioration has made the piping systems virtually impossible to repair due to insufficient pipe material remaining to thread. During the past several leak events, faculty offices had to be evacuated and important academic work interrupted. In the event of longer-term system outages, research occurring in the Life Sciences complex could be compromised. The building infrastructure requires an entire mechanical upgrade.

This project would replace the ventilation units, air handling units and cooling and heating coils throughout the structure. Temperature control instrumentation would be updated to deliver precise control at optimum energy efficiency. The hot and cold domestic water distribution piping would be replaced to eliminate further system leaks.

SUMMARY OF PROJECT COSTS:

Construction inflated to FY14	\$4,565,500
Escalation (24months @ 0. 225% per month)	246,500
Contingency (10%)	481,200
 Construction Budget including contingency	 \$5,293,200
 A&E Fees (10%)	 \$529,300
On-Site Observation	158,700
Reimbursable	132,200
Asbestos	271,600
 Project Budget	 \$6,385,000
 CDB Fee (3%)	 \$191,600
 TOTAL Project Budget	 \$6,576,600
Amount appropriated for FY10	\$4,757,100
 Escalation request	 \$1,819,500

Eastern Illinois University
Scope Statement
Category: Utilities

Upgrade Utilities Infrastructure -- Project Number 2017-3

\$ 29,609,200

The utilities infrastructure at Eastern Illinois University is aged, and major portions of critical service systems are well beyond useful economic life expectancy. The campus has experienced forced outages due to infrastructure failures resulting in loss of use of major facilities to academic, housing and administrative units. Steam distribution and condensate return piping systems, both racked and direct-buried, utility tunnel water distribution mains, sanitary sewage laterals and mains, storm water collection and discharge systems upon which the campus operations depend, require extensive upgrades to restore acceptable service reliability.

In order to approach this challenge, a master design for all utilities would need to be developed. The design would consider all current system conditions, future additional loads expected, location of underground utilities and operational plans which would impact utilities systems. Based upon this comprehensive plan, a project to install the required upgrades, in order of their assigned priority, would be implemented.

SUMMARY OF PROJECT COSTS:

Construction	
Upgrade steam distribution/condensate	\$7,183,400
Upgrade domestic water distribution	5,587,100
Upgrade storm and sanitary infrastructure	7,981,600
Escalation (24 months @ 0.225% per month)	1,120,600
Contingency (10%)	2,187,300
Construction Budget including contingency	\$24,060,000
A&E Fees (10%)	\$2,406,000
On-Site Observation	721,300
Reimbursables	601,000
Asbestos	958,500
Project Budget	\$28,746,800
CDB Fee (3%)	\$862,400
TOTAL Project Budget	\$29,609,200

Eastern Illinois University
Scope Statement
Category: Remodeling and Rehabilitation

Repurpose Steam Production Facilities – Project Number 2017–4

\$46,940,700

With the commissioning of the new Renewable Energy Center, steam production capability will no longer be available from the current steam plant location. The operating permit for the campus steam facilities will be assigned to the new production site, and the operating equipment will be decommissioned. The building shell, besides being on the Illinois Historic Preservation listing, is in serviceable structural condition. In addition, its strategic mid-campus location lends itself nicely to being repurposed into a different service use.

This project will correct deferred maintenance issues that exist on the building shell and within the building infrastructure and will repurpose the interior. A recent update to the Campus Master Plan identifies the repurposed space along with an addition to function as a new one-stop location to house various student support and technology services. Interior space allocation will be constructed to provide two floors of accessible usable office and attendant areas within the existing building footprint, supported by efficient heating, cooling, lighting, and life safety services. Included within this project scope will be exterior landscape improvements and parking features making the end result an inviting, efficient and effective facility for the campus.

Budget Details: See Table C104 on following pages.

Note that Table C104 does not include approximately \$4 million in estimated equipment costs.

Repurpose Steam Production Facilities – Project Number 2017–4 continued.

TABLE C104

BUDGET YEAR BUILDING BUDGET ESTIMATION FORM
NAME OF UNIVERSITY AND CAMPUS

IBHE RAMP FISCAL YEAR 2017

CAPITAL REQUEST

PROJECT NAME Repurpose Steam Production Facilities

(IN THOUSANDS OF DOLLARS)

SPACE TYPE	NASF	MULTIPLIER FACTOR	GSF	FY15 Rates \$/GSF	COST
Instructional lab (dry)	516	1.64	846	302.84	\$ 256.2
Offices	37,284	1.70	63,383	279.85	\$ 17,737.7
General	300	1.90	570	323.13	\$ 184.2
Support	8,138	1.20	9,766	252.48	\$ 2,465.7
1) BASE TOTAL	46,238		74,565		\$ 20,643.8
2) ADDED COSTS:					\$ 1,651.5
a) Historic Preservation Considerations: <u>2%</u>					\$ 412.9
b) Green Building Design/LEED Certification Level <u>Silver</u> (Cert., Silver, Gold, Platinum)					\$ 1,238.6
c) Other Energy Efficiencies.					\$
3) BASE COST					\$ 22,295.3
4) ADD ESCALATION COST: (See Below) (For monthly escalation costs, use Statewide Average: 2.7 percent per year, or 0.225 percent per month from base to bid date.) Expected Bid Date: _____ Number of Months to Bid Date <u>36</u>					\$ 1,805.9
5) ESCALATED BUILDING BUDGET (BASE PLUS ESCALATION)					\$ 24,101.2
6) ADD 10% FOR CONTINGENCIES					\$ 2,410.1
SUBTOTAL, BUILDING BUDGET					\$ 26,511.3
ADDITIONAL BUDGET ADDS:					
1) A/E FEES <u>10%</u> *					\$ 2,651.1
ON-SITE OBSERVATION:					
NUMBER OF MONTHS <u>24</u>					\$ 393.8
DAYS PER WEEK <u>5</u>					
2) REIMBURSABLES (5% of A/E fees unless better estimate available)					\$ 132.6
3) CDB CONSTRUCTION ADMINISTRATION FEE (3%)**					\$ 795.3
4) OTHER ADDS <u>Asbestos, Lead, Coal dust cleanup</u>					\$ 12,324.0
5) ART IN ARCHITECTURE (As Applicable) -- ONE-HALF OF ONE PERCENT					\$ 132.6
SUB-TOTAL, BUDGET ADDS					\$ 16,429.4
TOTAL, BUILDING BUDGET					\$ 42,940.7

OTHER:

PROVIDE AN ESTIMATE OF ANNUAL STATE SUPPORTED OPERATIONS AND MAINTENANCE EXPENSE

Number of additional staff: 4

TOTAL	\$ 1,451
Salaries and Related	400
Utilities	401
Repairs and Maintenance	650
All Other	

Eastern Illinois University
Scope Statement
Category: Safety

Fire Alarm Upgrades – Project Number 2017-5 **\$ 3,970,000**

This capital project upgrades fire alarm detection, pull station, and light-horn devices to improve fire protection and increase occupant safety in buildings including Life Sciences Building, Buzzard Hall and Coleman Hall. The university currently follows National Fire Protection Association Life Safety Code 101, adopted in 2006. This fire alarm upgrade would provide building systems that conform to State Fire Marshal requirements, provide the latest alarm functions for tornados, voice capable systems for mass notifications and bring these buildings up to Campus standards with systems in alignment with our Campus Security Master Plan.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$2,792,500
Escalation (24 mos. @ 0. 225% per month)	150,800
Contingency (10%)	294,300
 Construction Budget including Contingency	 \$3,237,600
 A/E Fees (10%)	 \$323,800
On-Site Observation	97,100
Reimbursable	80,900
Asbestos	115,000
 Project Budget	 \$3,854,400
 CDB Fee (3%)	 \$115,600
 TOTAL Project Budget	 \$3,970,000

Eastern Illinois University
Scope Statement
Category: Safety

Fire Alarm Upgrades– Project Number 2017-6 **\$2,541,900**

This capital project upgrades fire alarm detection, pull station, and light-horn devices to improve fire protection and increase occupant safety in Old Main(Livingston C. Lord building), Klehm Hall and Student Services buildings. The university currently follows National Fire Protection Association Life Safety Code 101, adopted in 2006. This fire alarm upgrade would provide building systems that conform to State Fire Marshal code standards, provide the latest alarm functions for tornados, voice capable systems and bring all buildings up to campus standards with Simplex systems to align with our 2013 Campus Security Plan.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$1,773,500
Escalation (24 mos. @ 0. 225% per month)	95,800
Contingency (10%)	186,900
 Construction Budget including Contingency	 \$2,056,200
 A/E Fees (10%)	 \$205,600
On-Site Observation	61,600
Reimbursable	51,400
Asbestos	93,100
 Project Budget	 \$2,467,900
 CDB Fee (3%)	 \$74,000
 TOTAL Project Budget	 \$2,541,900

Eastern Illinois University
Scope Statement
Category: Rehabilitation

Upgrade Electrical Systems, Life Science Building – Project Number 2017-7 **\$1,054,200**

Electrical services in Life Sciences are original and have had few improvements. The aging systems contain panels and current protection devices that are obsolete. Finding suitable repair parts when portions of these systems fail is becoming increasingly difficult. Circuit load capacity to service sub-panels is at maximum in many cases. In order to provide reliable and serviceable electrical building systems and to provide adequate load capacity to meet the needs of programs, system upgrades are required.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$764,300
Escalation (24 mos. @ 0.225% per month)	41,300
Contingency (10%)	80,600
Construction Budget including Contingency	\$886,200
A/E Fees (10%)	\$88,600
On-Site Observation	26,600
Reimbursables	22,100
Project Budget	\$1,023,500
CDB Fee (3%)	\$30,700
Total Project budget	\$1,054,200

Eastern Illinois University
Scope Statement
Category: Rehabilitation

Upgrade Electrical Systems, Physical Science Bldg–Project Number 2017-8 **\$1,405,400**

Electrical services in the Physical Sciences building are original and have had few improvements. The aging systems contain panels and current protection devices that are obsolete. Finding suitable repair parts when portions of these systems fail is becoming increasingly difficult. Circuit load capacity to service sub-panels is at maximum in many cases. In order to provide reliable and serviceable electrical building systems and to provide adequate load capacity to meet the needs of programs, system upgrades are required.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$1,019,000
Escalation (24 mos. @ 0. 225% per month)	55,000
Contingency (10%)	107,400
 Construction Budget including Contingency	 \$1,181,400
 A/E Fees (10%)	 \$118,100
On-Site Observation	35,500
Reimbursables	29,500
 Project Budget	 \$1,364,500
 CDB Fee (3%)	 \$40,900
 Total Project budget	 \$1,405,400

Eastern Illinois University
Scope Statement
Category: Utilities

Upgrade Electrical Building Distribution – Project Number 2017-9

\$5,876,400

Electrical distribution equipment and services in Old Main, Coleman Hall, Klehm Hall, and Physical Science are original to the buildings and have had few improvements. The aging systems contain major power switchgear, transformers, breakers, panels and current protection devices which are obsolete or at the end of their reliable service life. Finding suitable repair parts when portions of these systems fail is becoming increasingly difficult. Circuit load capacity to service subpanels is at maximum in many cases. In order to provide reliable and serviceable electrical building systems and to provide adequate load capacity to meet the needs of programs, major component replacements and upgrades are necessary.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$4,101,500
Escalation (24 mos. @ 0. 225 % per month)	221,500
Contingency (10%)	432,300
 Construction Budget including Contingency	 \$4,755,300
 A/E Fees (10%)	 \$475,500
On-Site Observation	142,600
Reimbursable	118,800
Asbestos	213,000
 Project Budget	 \$5,705,200
 CDB Fee (3%)	 \$171,200
 TOTAL Project Budget	 \$5,876,400

Eastern Illinois University
Scope Statement
Category: Safety

Energy Conservation Upgrades for Fume Hoods Project Number 2017-10 **\$ 3,461,000**

With increased awareness and concern for the environment and the health and safety of Eastern’s students, faculty, and staff, the university’s Environmental Health and Safety Committee has considered relevant codes, legislation and government programs (e.g., fire codes, ventilation standards, prudent laboratory practices and disaster-resistant measures) and recommends the following priorities:

Laboratory Ventilation: In order to achieve compliance with OSHA, laboratory standards and other ventilation standards, ventilation in the university’s laboratory and studios which use hazardous chemicals and handle biological materials must be improved to eliminate risks and injuries from inhaling these materials.

Note this project will require asbestos and lead abatement.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$2,390,100
Escalation (24 mos. @ 0.225% per month)	129,100
Contingency (10%)	251,900
 Construction Budget including Contingency	 \$2,771,100
 A/E Fees (10%)	 \$277,100
On-Site Observation	83,000
Reimbursable	69,300
Asbestos	159,700
 Project Budget	 \$3,360,200
 CDB Fee (3%)	 \$100,800
 TOTAL Project Budget	 \$3,461,000

Eastern Illinois University
Scope Statement
Category: Safety

Emergency Generator, Physical Science Building – Project Number 2017-11 **\$733,800**

The Physical Science building houses the university’s chemistry, geology-geography, physics and psychology departments. Laboratory fume hood ventilation, lab make-up air, on-going research, fire alarm panels, emergency lighting circuits and control power are all critical services which must be maintained at all times. Presently, the Physical Sciences complex has no backup power, which leaves these critical services vulnerable to utility outages. These essential loads need to be analyzed and a new diesel-driven emergency generator set selected to fit the application. Loads determined to be essential need to be re-powered from new or revised distribution panels (emergency panels), which would then be backed up by the new generator. The location of the new generator would be determined taking various considerations, including campus traffic and pedestrian needs, into account.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$480,300
Escalation (24 mos. @ 0.225% per month)	25,900
Contingency (10%)	50,600
 Construction Budget including contingency	 \$556,800
 A/E Fees (10%)	 \$55,700
On-Site Observation	16,600
Reimbursables	14,000
Asbestos	69,300
 Project Budget	 \$712,400
 CDB Fee (3%)	 \$21,400
 TOTAL Project Budget	 \$733,800

Eastern Illinois University
Scope Statement
Category: Rehabilitation

Energy Efficiency Upgrade HVAC, Physical Science and Klehm Hall

– Project Number 2017-12 **\$1,829,300**

The existing reheat coils in the Physical Science and Klehm Hall academic buildings are original to the buildings. Existing duct-mounted heating coils are inefficient, noisy when heating, exhibit numerous leaks and are ineffective during heating season and would be replaced. Replacing these coils would decrease maintenance costs, increase building efficiency and enhance building occupant comfort with better climate control. There are approximately 230 of these coils in the buildings.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$1,171,900
Escalation (24 mos. @ 0. 225% per month.)	63,300
Contingency (10%)	123,500
 Construction Budget including Contingency	 \$1,358,700
 A/E Fees (10%)	 \$135,900
On-Site Observation	40,700
Reimbursables	33,900
Asbestos	206,800
 Project Budget	 \$1,776,000
 CDB Fee (3%)	 \$53,300
 Total Project budget	 \$1,829,300

Eastern Illinois University
Scope Statement
Category: Utilities

Replace Campus Compressed Air Distribution Piping – Project Number 2017-13 **\$702,800**

Compressed air is produced at the central steam plant and is piped throughout campus in tunnels and direct-buried pipes. The air is used for control of all space temperature regulating systems and critical functions in various academic labs and preparation areas. A study performed by the Department of Commerce and Economic Opportunity indicated that Eastern’s distribution lines are undersized, causing loss of temperature control during periods of high air demand. This, in addition to the poor condition of portions of the underground system, dictates that a replacement piping system, sized for the load it is serving, is installed.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$509,500
Escalation (24 mos. @ 0. 225% per month)	27,500
Contingency (10%)	53,700
 Construction Budget including Contingency	 \$590,700
 A/E Fees (10%)	 \$59,100
On-Site Observation	17,700
Reimbursables	14,800
 Project Budget	 \$682,300
 CDB Fee (3%)	 \$20,500
 Total Project budget	 \$702,800

Eastern Illinois University
Scope Statement
Category: Remodeling and Rehabilitation

Rehabilitate Klehm Hall HVAC and Plumbing – Project Number 2017-14 **\$2,792,500**

Klehm Hall (1967) and Klehm Hall Addition (1968) HVAC systems are original equipment and fail to provide adequate levels of comfort in seasonal service. Portions of the 1968 addition were originally designed as non-air conditioned industrial instruction spaces and are now occupied by state-of-the-art processor-controlled machine tools and sophisticated electronics labs. Cooling is inadequately provided by distributed window units, which have been back-fit as additional cooling needs have developed. Air handling units are failing to deliver acceptable indoor air quality, which is energy inefficient and compromises the delivery of education to our students. The building heating and chilled water distribution systems have experienced numerous leaks due to internal and external corrosion and thinning of pipe wall thickness. The deterioration has made the piping systems virtually impossible to repair due to insufficient pipe material remaining to thread. The building requires a complete mechanical systems upgrade.

This project would replace the ventilation units, air-handling units, cooling and heating coils and piping distribution systems throughout the structure. Temperature control instrumentation would be updated to deliver precise control at optimum energy efficiency. The hot and cold domestic water distribution piping would be replaced to eliminate further system leaks.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$1,957,000
Escalation (24 months @ 0.225% per month)	105,700
Contingency (10%)	206,300
 Construction Budget including contingency	 \$2,269,000
 A&E Fees (10%)	 \$226,900
On-Site Observation	68,000
Reimbursables	56,700
Asbestos	90,600
 Project Budget	 \$2,711,200
 CDB Fee (3%)	 \$81,300
 TOTAL Project Budget	 \$2,792,500

Eastern Illinois University
Scope Statement
Category: Rehabilitation

Old Main Exterior Restoration – Project Number 2017-15

\$1,873,300

Old Main is the oldest historical structure on campus and houses administrative offices and classroom spaces. Significant parts of the stone exterior shell have cracks, stones loose and missing, and lightning damage. Surfaces are deteriorating and are structurally unstable in places. In addition, windows in the upper turrets have been blown out of their frames during storms. This proposed project would rebuild these shell surfaces to bring the signature building back to its original look, reduce moisture getting into the building, reduce energy costs and increase safety.

SUMMARY OF PROJECT COSTS:

Construction / labor & materials	\$1,315,900
Escalation (24 mos. @ 0. 225% per month)	71,100
Contingency (10%)	138,700
 Construction Budget including Contingency	 \$1,525,700
 A/E Fees (10%)	 \$152,600
On-Site Observation	45,700
Reimbursable	38,200
Asbestos	56,500
 Project Budget	 \$1,818,700
 CDB Fee (3%)	 \$54,600
 TOTAL Project Budget	 \$1,873,300