

SOUTHERN ILLINOIS UNIVERSITY

Senior Vice President for Financial & Administrative Affairs and Board Treasurer Stone Center - Mail Code 6801 / 1400 Douglas Drive / Carbondale, Illinois 62901

October 2, 2013

Mr. Dan Long, Executive Director Commission on Government Forecasting and Accountability 703 Stratton Office Building Springfield, IL 62706

Dear Mr. Long:

In accordance with Public Act 096-0015, please accept this letter as Southern Illinois University's request to appear before the Commission and present the details of a proposed financing. Southern Illinois University ("SIU") would like to issue Certificates of Participation ("COPs") to finance the Carbondale Deferred Maintenance Project (the "Project"). The Project includes: renovation and re-assignment of space in Pulliam Hall; renovations to several academic and administrative facilities, including the replacement of HVAC systems, renovation of mechanical, electrical and plumbing, and replacement of roofs, windows and doors; and campus infrastructure improvements. All of the components of the Project have received SIU Board of Trustees' approval at prior meetings (see enclosed board resolutions) or will receive approval at a future meeting.

Subject to market conditions, the financing may be executed in one or more series and may include a refinancing of the previously-issued Series 2004A COPs. The maximum amount of Project cost to be funded is \$30 million and the maximum principal amount of Series 2004A COPs to be refunded is \$15.75 million. The total principal amount of COPs to be issued for these combined purposes will not exceed \$48 million.

A preliminary structural analysis for this COPs financing is enclosed herein. Additional documentation necessary to facilitate your review will be forwarded in the coming weeks. If you have any questions, please call Tina Galik (Assistant Vice President for Financial and Administrative Affairs and Assistant Treasurer at 618-453-6676), John Vincent (University Financial Advisor at 312-332-1337) or me.

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We look forward to discussing this important project with you.

Sincerely,

Duane Stucky

Senior Vice President for Financial and Administrative Affairs and Board Treasurer

DS/lap

Enclosures

cc: SIU President Glenn Poshard

SIUC Chancellor Rita Cheng

Tina Galik John Vincent Andrea Bacon Lynnae Kapp

Southern Illinois University

Series 2014 COPS	Series	2014	COPS
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and construct new studio, classrooms and faculty offices, upgrade MEP. Pulliam Hall Increase project scope to include windows & roof 11/8/2012 \$ 1,250,000 Parkinson Lab Replace HVAC 7/12/2012 \$ 4,300,000 Parkinson Lab Replace HVAC 7/12/2012 \$ 2,200,000 Parkinson Lab Replace HVAC 7/12/2012 \$ 2,200,000 Parkinson Lab Replace HVAC 7/12/2012 \$ 2,200,000 Parkinson Lab Replace HVAC 7/12/2012 \$ 1,500,000 Parkinson Lab Replace HVAC 7/12/2012 \$ 1,000,000 Parkinson Lab Replace roof Parkinson Lab Replace Replace Replace roof Parkinson Lab Parkinso	Series 2014 COPS Building	Project Description	Board Approval	Approved Budget *
Parkinson Lab Replace HVAC 7/12/2012 \$ 4,300,000 Reckers Building Replace HVAC 7/12/2012 \$ 2,200,000 Neckers Building Replace HVAC 7/12/2012 \$ 1,500,000 Woody Hall Renovation of Mechanical, Electrical, & Plumbing (MEP) 7/12/2012 \$ 5,000,000 Roof Replacement - Wham Replace roof - Pulliam/Wham Breeze Replace roof - Rehn Hall Replace roof - Replace roof - Studio Arts Replace roof - Studio Arts Replace roof - Studio Arts Replace roof - Studio Arts Replace roof - Wham - Replace roof - Studio Arts Replace roof - Replace roof - Studio Arts Replace roof - Replace roof - Replace roof - Replace roof - Studio Arts Replace roof - Replace roof - Replace roof - Studio Arts - Replace roof - Studio Arts - Replace roof - Replace roof - Replace roof - Replace roof - Studio Arts - Replace roof - Replac	Pulliam Hall		5/10/2012	\$ 7,000,000
Faner Hall Replace HVAC 7/12/2012 \$ 2,200,000 Neckers Building Replace HVAC 7/12/2012 \$ 1,500,000 Woody Hall Renovation of Mechanical, Electrical, & Plumbing (MEP) 7/12/2012 \$ 5,000,000 Roof Replacement 7/12/2012 \$ 2,000,000 Roof Replacement 8 Replace roof 9 Pulliam/Wham Breeze 8 Replace roof 9 Replace roof 1 Replace roof 9 Replace roof 9 Replace roof 1 Replace roof 2 Replace roof 2 Replace roof 3 Replace roof 1 Replace roof 2 Replace roof 3 Replace roof 3 Replace roof 4 Replace roof 5 Replace roof 5 Replace roof 6 Replace roof 6 Replace roof 6 Replace roof 8 Replace roof 9 Replac	Pulliam Hall	Increase project scope to include windows & roof	11/8/2012	\$ 1,250,000
Neckers Building Replace HVAC 7/12/2012 \$ 1,500,000 Woody Hall Renovation of Mechanical, Electrical, & Plumbing (MEP) 7/12/2012 \$ 5,000,000 Roof Replacement 7/12/2012 \$ 2,000,000 Roof Replacement Replace roof Replace Replace roof Replace Replace roof Replacement of pipe stanchions, expansion joints and steam specialties for 8 miles of underground reinforced concrete tunnels used for utility distribution to most of the central campus buildings Lawson Hall Window and Door replacements 7/12/2012 \$ 1,000,000 Replace R	Parkinson Lab	Replace HVAC	7/12/2012	\$ 4,300,000
Woody Hall Renovation of Mechanical, Electrical, & Plumbing (MEP) 7/12/2012 \$ 5,000,000 Roof Replacement 7/12/2012 \$ 2,000,000 - Wham Replace roof - Pulliam/Wham Breeze Replace roof - Pulliam/Wham Breeze Replace roof - Studio Arts Repl	Faner Hall	Replace HVAC	7/12/2012	\$ 2,200,000
Roof Replacement - Wham Replace roof - Pulliam/Wham Breeze Replace roof - Rehn Hall Replace roof - Studio Arts Replace roof Steam Tunnel Repairs structural improvements and replacement of pipe stanchions, expansion joints and steam specialties for 8 miles of underground reinforced concrete tunnels used for utility distribution to most of the central campus buildings Lawson Hall Window and Door replacements T/12/2012 \$ 1,000,000 Steam Tunnel Repairs Structural improvements and replacement of pipe stanchions, expansion joints and steam specialties for 8 miles of underground reinforced concrete tunnels used for utility distribution to most of the central campus buildings Lawson Hall Window and Door replacements 7/12/2012 \$ 1,000,000 Electrical Distribution System replace electrical feeders and associated equipment in the campus electrical distribution system. Includes purchase of 12.5kV source for installation at the east campus substation.	Neckers Building	Replace HVAC	7/12/2012	\$ 1,500,000
- Wham Replace roof - Pulliam/Wham Breeze Replace roof - Rehn Hall Replace roof - Life Sciences II Replace roof - Studio Arts Replace roof - Studio Arts Replace roof - Studio Arts Replace roof Campus Lighting exterior and roadway lighting across main campus 7/12/2012 \$ 1,000,000 Steam Tunnel Repairs structural improvements and replacement of pipe stanchions, expansion joints and steam specialties for 8 miles of underground reinforced concrete tunnels used for utility distribution to most of the central campus buildings Lawson Hall Window and Door replacements 7/12/2012 \$ 1,000,000 Electrical Distribution System replace electrical feeders and associated equipment in the campus electrical 9/13/2012 \$ 5,000,000 Electrical Distribution System replace electrical feeders and associated equipment in the campus electrical campus substation.	Woody Hall	Renovation of Mechanical, Electrical, & Plumbing (MEP)	7/12/2012	\$ 5,000,000
Steam Tunnel Repairs structural improvements and replacement of pipe stanchions, expansion joints and steam specialties for 8 miles of underground reinforced concrete tunnels used for utility distribution to most of the central campus buildings Lawson Hall Window and Door replacements 7/12/2012 \$ 1,000,000 Electrical Distribution System replace electrical feeders and associated equipment in the campus electrical distribution system. Includes purchase of 12.5kV source for installation at the east campus substation.	- Wham - Pulliam/Wham Breeze - Rehn Hall -Life Sciences II	Replace roof Replace roof Replace roof	7/12/2012	\$ 2,000,000
steam specialties for 8 miles of underground reinforced concrete tunnels used for utility distribution to most of the central campus buildings Lawson Hall Window and Door replacements 7/12/2012 \$ 1,000,000 Electrical Distribution System replace electrical feeders and associated equipment in the campus electrical distribution system. Includes purchase of 12.5kV source for installation at the east campus substation.	Campus Lighting	exterior and roadway lighting across main campus	7/12/2012	\$ 1,000,000
Electrical Distribution System replace electrical feeders and associated equipment in the campus electrical 9/13/2012 \$ 5,000,000 distribution system. Includes purchase of 12.5kV source for installation at the east campus substation.	Steam Tunnel Repairs	steam specialties for 8 miles of underground reinforced concrete tunnels used for	7/12/2012	\$ 1,000,000
distribution system. Includes purchase of 12.5kV source for installation at the east campus substation.	Lawson Hall	Window and Door replacements	7/12/2012	\$ 1,000,000
	Electrical Distribution System	distribution system. Includes purchase of 12.5kV source for installation at the east	9/13/2012	\$ 5,000,000
	TOTAL	- Campus substitution.		\$ 31,250,000

^{*} No more than \$30 million will be financed with COPs.

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Sources & Uses of Funds

		Series 2014A	
	New Project	Series 2004A	
Sources:	Portion	Refunding	Total
Bond Principal	\$30,290,000.00	\$14,110,000.00	\$44,400,000.00
Uses:			
Project Fund	\$30,000,000.00		\$30,000,000.00
Series 2004A Refunding		\$13,990,000.00	13,990,000.00
Underwriter's Discount	116,344.59	40,445.41	156,790.00
Costs of Issuance	170,551.80	79,448.20	250,000.00
Rounding/Contingency	3,103.61	106.39	3,210.00
Total	\$30,290,000.00	\$14,110,000.00	\$44,400,000.00
Assumptions:			
Dated Date	2/13/2014	2/13/2014	2/13/2014
Delivery Date	2/13/2014		2/13/2014
Maturity Range	2/15/15-2/15/34	2/15/15-2/15/24	
Underwriter's Discount Bond Yield	\$3.84 / \$1,000 -	\$2.87 / \$1,000 -	\$3.53 / \$1,000 4.236%
True Interest Cost (TIC)	4.525%	3.386%	4.281%
Principal Refunded		\$13,990,000	
Debt Service Savings NPV of Savings @ 4.00% % Savings		\$1,207,440 \$988,208 7.06 %	

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Yields

	9/24/2013	Estimated		Series	2004A Refun	ding
Maturity	MMD High	Series 2014A	Spread			Rate
Date	Grade Index	Yields	to Index	Principal *	Coupon	Savings
	•					
2/15/2015	0.36%	0.90%	0.54%	1,195,000	4.250%	3.350%
2/15/2016	0.65%	1.35%	0.70%	1,070,000	4.375%	3.025%
2/15/2017	0.95%	1.80%	0.85%	1,125,000	4.500%	2.700%
2/15/2018	1.33%	2.35%	1.02%	1,170,000	4.500%	2.150%
2/15/2019	1.64%	2.70%	1.06%	1,220,000	4.625%	1.925%
2/15/2020	1.89%	3.00%	1.11%	1,280,000	4.750%	1.750%
2/15/2021	2.18%	3.35%	1.17%	1,340,000	4.750%	1.400%
2/15/2022	2.39%	3.60%	1.21%	1,400,000	5.000%	1.400%
2/15/2023	2.56%	3.85%	1.29%	1,470,000	5.000%	1.150%
2/15/2024	2.72%	4.00%	1.28%	2,720,000	5.000%	1.000%
2/15/2025	2.89%	4.20%	1.31%			
2/15/2026	3.06%	4.40%	1.34%			
2/15/2027	3.20%	4.50%	1.30%			
2/15/2028	3.33%	4.65%	1.32%			
2/15/2029	3.45%	4.75%	1.30%			
2/15/2030	3.56%	4.90%	1.34%			
2/15/2031	3.64%	4.95%	1.31%			
2/15/2032	3.71%	5.05%	1.34%			
2/15/2033	3.77%	5.10%	1.33%			
2/15/2034	3.84%	5.15%	1.31%			
				13,990,000		

^{*} Callable 2/15/14 at 100%

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Pricing

				Maturity			Takedown	Takedown
Maturity	Type	Coupon	Yield	Value	Price	Dollar Price	\$ / \$1000	in Dollars
2/15/2015	Serial	0.90%	0.90%	2,515,000.00	100.000%	2,515,000.00	\$2.00	\$5,030.00
2/15/2016	Serial	1.35%	1.35%	2,365,000.00	100.000%	2,365,000.00	\$2.00	\$4,730.00
2/15/2017	Serial	1.80%	1.80%	2,405,000.00	100.000%	2,405,000.00	\$2.00	\$4,810.00
2/15/2018	Serial	2.35%	2.35%	2,445,000.00	100.000%	2,445,000.00	\$2.00	\$4,890.00
2/15/2019	Serial	2.70%	2.70%	2,495,000.00	100.000%	2,495,000.00	\$2.25	\$5,613.75
2/15/2020	Serial	3.00%	3.00%	2,570,000.00	100.000%	2,570,000.00	\$2.25	\$5,782.50
2/15/2021	Serial	3.35%	3.35%	2,645,000.00	100.000%	2,645,000.00	\$2.25	\$5,951.25
2/15/2022	Serial	3.60%	3.60%	2,730,000.00	100.000%	2,730,000.00	\$2.50	\$6,825.00
2/15/2023	Serial	3.85%	3.85%	2,830,000.00	100.000%	2,830,000.00	\$2.50	\$7,075.00
2/15/2024	Serial	4.00%	4.00%	2,940,000.00	100.000%	2,940,000.00	\$2.50	\$7,350.00
2/15/2025	Serial	4.20%	4.20%	1,495,000.00	100.000%	1,495,000.00	\$4.00	\$5,980.00
2/15/2026	Serial	4.40%	4.40%	1,560,000.00	100.000%	1,560,000.00	\$4.00	\$6,240.00
2/15/2027	Serial	4.50%	4.50%	1,630,000.00	100.000%	1,630,000.00	\$4.00	\$6,520.00
2/15/2028	Serial	4.65%	4.65%	1,700,000.00	100.000%	1,700,000.00	\$4.00	\$6,800.00
2/15/2029	Serial	4.75%	4.75%	1,780,000.00	100.000%	1,780,000.00	\$4.00	\$7,120.00
2/15/2030	Serial	4.90%	4.90%	1,865,000.00	100.000%	1,865,000.00	\$4.00	\$7,460.00
2/15/2031	Serial	4.95%	4.95%	1,955,000.00	100.000%	1,955,000.00	\$3.75	\$7,331.25
2/15/2032	Serial	5.05%	5.05%	2,055,000.00	100.000%	2,055,000.00	\$3.75	\$7,706.25
2/15/2033	Serial	5.10%	5.10%	2,155,000.00	100.000%	2,155,000.00	\$3.75	\$8,081.25
2/15/2034	Serial	5.15%	5.15%	2,265,000.00	100.000%	2,265,000.00	\$3.75	\$8,493.75
_				44,400,000.00		44,400,000.00		\$129,790.00

Management Fee: 20,000.00
Underwriter's Expenses: 7,000.00
Total Underwriter's Discount: \$156,790.00

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Annual Debt Service

Fiscal				
Year	Principal	Coupon	Interest	Total
6/30/2014				
6/30/2015	2,515,000.00	0.90%	1,608,974.36	4,123,974.36
6/30/2016	2,365,000.00	1.35%	1,577,450.00	3,942,450.00
6/30/2017	2,405,000.00	1.80%	1,545,522.50	3,950,522.50
6/30/2018	2,445,000.00	2.35%	1,502,232.50	3,947,232.50
6/30/2019	2,495,000.00	2.70%	1,444,775.00	3,939,775.00
6/30/2020	2,570,000.00	3.00%	1,377,410.00	3,947,410.00
6/30/2021	2,645,000.00	3.35%	1,300,310.00	3,945,310.00
6/30/2022	2,730,000.00	3.60%	1,211,702.50	3,941,702.50
6/30/2023	2,830,000.00	3.85%	1,113,422.50	3,943,422.50
6/30/2024	2,940,000.00	4.00%	1,004,467.50	3,944,467.50
6/30/2025	1,495,000.00	4.20%	886,867.50	2,381,867.50
6/30/2026	1,560,000.00	4.40%	824,077.50	2,384,077.50
6/30/2027	1,630,000.00	4.50%	755,437.50	2,385,437.50
6/30/2028	1,700,000.00	4.65%	682,087.50	2,382,087.50
6/30/2029	1,780,000.00	4.75%	603,037.50	2,383,037.50
6/30/2030	1,865,000.00	4.90%	518,487.50	2,383,487.50
6/30/2031	1,955,000.00	4.95%	427,102.50	2,382,102.50
6/30/2032	2,055,000.00	5.05%	330,330.00	2,385,330.00
6/30/2033	2,155,000.00	5.10%	226,552.50	2,381,552.50
6/30/2034	2,265,000.00	5.15%	116,647.50	2,381,647.50
•	44,400,000.00		19,056,894.36	63,456,894.36

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Semiannual Debt Service

Date	Principal	Coupon	Interest	Total	Fiscal Year Total
2/13/2014	, interper	осиро	, musicos		
8/15/2014			808,931.86	808,931.86	
2/15/2015	2,515,000.00	0.90%	800,042.50	3,315,042.50	4,123,974.36
8/15/2015			788,725.00	788,725.00	
2/15/2016	2,365,000.00	1.35%	788,725.00	3,153,725.00	3,942,450.00
8/15/2016			772,761.25	772,761.25	
2/15/2017	2,405,000.00	1.80%	772,761.25	3,177,761.25	3,950,522.50
8/15/2017			751,116.25	751,116.25	
2/15/2018	2,445,000.00	2.35%	751,116.25	3,196,116.25	3,947,232.50
8/15/2018			722,387.50	722,387.50	
2/15/2019	2,495,000.00	2.70%	722,387.50	3,217,387.50	3,939,775.00
8/15/2019			688,705.00	688,705.00	
2/15/2020	2,570,000.00	3.00%	688,705.00	3,258,705.00	3,947,410.00
8/15/2020			650,155.00	650,155.00	
2/15/2021	2,645,000.00	3.35%	650,155.00	3,295,155.00	3,945,310.00
8/15/2021			605,851.25	605,851.25	
2/15/2022	2,730,000.00	3.60%	605,851.25	3,335,851.25	3,941,702.50
8/15/2022			556,711.25	556,711.25	
2/15/2023	2,830,000.00	3.85%	556,711.25	3,386,711.25	3,943,422.50
8/15/2023			502,233.75	502,233.75	
2/15/2024	2,940,000.00	4.00%	502,233.75	3,442,233.75	3,944,467.50
8/15/2024			443,433.75	443,433.75	
2/15/2025	1,495,000.00	4.20%	443,433.75	1,938,433.75	2,381,867.50
8/15/2025			412,038.75	412,038.75	
2/15/2026	1,560,000.00	4.40%	412,038.75	1,972,038.75	2,384,077.50
8/15/2026			377,718.75	377,718.75	
2/15/2027	1,630,000.00	4.50%	377,718.75	2,007,718.75	2,385,437.50
8/15/2027			341,043.75	341,043.75	
2/15/2028	1,700,000.00	4.65%	341,043.75	2,041,043.75	2,382,087.50
8/15/2028			301,518.75	301,518.75	
2/15/2029	1,780,000.00	4.75%	301,518.75	2,081,518.75	2,383,037.50
8/15/2029			259,243.75	259,243.75	
2/15/2030	1,865,000.00	4.90%	259,243.75	2,124,243.75	2,383,487.50
8/15/2030		4.0.00	213,551.25	213,551.25	0 000 400 50
2/15/2031	1,955,000.00	4.95%	213,551.25	2,168,551.25	2,382,102.50
8/15/2031	0.000.00	E 0 = 0.4	165,165.00	165,165.00	0.005.000.00
2/15/2032	2,055,000.00	5.05%	165,165.00	2,220,165.00	2,385,330.00
8/15/2032	0.455.000.00	E 400/	113,276.25	113,276.25	0 004 550 50
2/15/2033	2,155,000.00	5.10%	113,276.25	2,268,276.25	2,381,552.50
8/15/2033	0.005.000.00	E 450/	58,323.75	58,323.75	0.004.047.60
2/15/2034_	2,265,000.00	5.15%	58,323.75	2,323,323.75	2,381,647.50
	44,400,000.00		19,056,894.36	63,456,894.36	

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Annual Debt Service - New Project Portion

Fiscal		•		
Year	Principal	Coupon	Interest	Total
6/30/2014				
6/30/2015	1,180,000.00	0.90%	1,205,811.94	2,385,811.94
6/30/2016	1,195,000.00	1.35%	1,188,530.00	2,383,530.00
6/30/2017	1,210,000.00	1.80%	1,172,397.50	2,382,397.50
6/30/2018	1,235,000.00	2.35%	1,150,617.50	2,385,617.50
6/30/2019	1,260,000.00	2.70%	1,121,595.00	2,381,595.00
6/30/2020	1,295,000.00	3.00%	1,087,575.00	2,382,575.00
6/30/2021	1,335,000.00	3.35%	1,048,725.00	2,383,725.00
6/30/2022	1,380,000.00	3.60%	1,004,002.50	2,384,002.50
6/30/2023	1,430,000.00	3.85%	954,322.50	2,384,322.50
6/30/2024	310,000.00	4.00%	899,267.50	1,209,267.50
6/30/2025	1,495,000.00	4.20%	886,867.50	2,381,867.50
6/30/2026	1,560,000.00	4.40%	824,077.50	2,384,077.50
6/30/2027	1,630,000.00	4.50%	755,437.50	2,385,437.50
6/30/2028	1,700,000.00	4.65%	682,087.50	2,382,087.50
6/30/2029	1,780,000.00	4.75%	603,037.50	2,383,037.50
6/30/2030	1,865,000.00	4.90%	518,487.50	2,383,487.50
6/30/2031	1,955,000.00	4.95%	427,102.50	2,382,102.50
6/30/2032	2,055,000.00	5.05%	330,330.00	2,385,330.00
6/30/2033	2,155,000.00	5.10%	226,552.50	2,381,552.50
6/30/2034	2,265,000.00	5.15%	116,647.50	2,381,647.50
•	30,290,000.00		16,203,471.94	46,493,471.94

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Semiannual Debt Service - New Project Portion

The state of the s	otal
2/13/2014	
8/15/2014 606,236.94 606,236.94	
	5,811.94
8/15/2015 1,180,000.00 0.90% 599,370.00 1,779,075.00 2,300 8/15/2015 594,265.00 594,265.00),O11.0 -1
	3,530.00
8/15/2016 1,195,000.00 1.35% 394,203.00 1,709,203.00 2,300 8/15/2016 586,198.75	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	2,397.50
8/15/2017 1,210,000.00 1.00% 500,130.73 1,730,130.73 2,302 575,308.75 575,308.75	-,007.00
	5,617.50
8/15/2018 560,797.50 560,797.50	,017.00
•	1,595.00
8/15/2019 1,200,000.00 2.70% 300,737.30 1,020,737.30 2,30 8/15/2019 543,787.50 543,787.50	1,000.00
· · · · · · · · · · · · · · · · · · ·	2,575.00
8/15/2020 1,293,000.00 3.00% 543,767.30 1,000,767.30 2,302 524,362.50 524,362.50	2,070.00
·	3,725.00
8/15/2021 1,555,000.00 5.55% 524,562.50 1,659,502.50 2,500 502,001.25	5,125.00
· · · · · · · · · · · · · · · · · · ·	1,002.50
8/15/2022 1,380,000.00 3.80% 502,001.25 1,882,001.25 2,364 477,161.25 477,161.25	+,002.30
	1,322.50
8/15/2023 1,430,000.00 3.85% 477,101.23 1,907,101.23 2,305 449,633.75 449,633.75	+,522.50
	2,267.50
8/15/2024 510,000.00 4.00% 443,033.75 739,033.75 1,230 8/15/2024 443,433.75	0,201.00
·	1,867.50
8/15/2025 1,495,000.00 4.20% 445,455.75 1,550,455.75 2,55 8/15/2025 412,038.75 412,038.75	1,007.00
· ·	1,077.50
8/15/2026 1,300,000.00 4.40% 472,030.73 1,372,030.73 2,300 8/15/2026 377,718.75 377,718.75	+,011.00
	5,437.50
8/15/2027 1,030,000.00 4.30% 377,710.73 2,007,710.75 2,007	J, 401 .00
	2,087.50
8/15/2028 301,518.75 301,518.75	-,001.00
	3,037.50
8/15/2029 259,243.75 259,243.75	3,001.00
	3,487.50
8/15/2030 1,005,000.00 4.00% 233,240.10 2,124,240.70 2,000	5, 107.00
	2,102.50
8/15/2031 1,555,000.00 4.55% 216,551.25 2,166,651.25 2,000.00 165,165.00	_, 102.00
	5,330.00
8/15/2032 2,033,000.00 3.03% 103,103.00 2,220,103.00 2,000	2,300.00
	1,552.50
8/15/2033 2,133,000.00 3.10% 113,270.25 2,200,270.23 2,300 8/15/2033 58,323.75 58,323.75	.,552.55
	1,647.50
30,290,000.00 16,203,471.94 46,493,471.94	.,500

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Annual Debt Service - Series 2004A Refunding

Fiscal Year	Principal	Coupon	Interest	Total	Prior Debt Service	Debt Service Savings
6/30/2014						
6/30/2015	1,335,000.00	0.90%	403,162.42	1,738,162.42	1,856,250.00	118,087.58
6/30/2016	1,170,000.00	1.35%	388,920.00	1,558,920.00	1,680,462.50	121,542.50
6/30/2017	1,195,000.00	1.80%	373,125.00	1,568,125.00	1,688,650.00	120,525.00
6/30/2018	1,210,000.00	2.35%	351,615.00	1,561,615.00	1,683,025.00	121,410.00
6/30/2019	1,235,000.00	2.70%	323,180.00	1,558,180.00	1,680,375.00	122,195.00
6/30/2020	1,275,000.00	3.00%	289,835.00	1,564,835.00	1,683,950.00	119,115.00
6/30/2021	1,310,000.00	3.35%	251,585.00	1,561,585.00	1,683,150.00	121,565.00
6/30/2022	1,350,000.00	3.60%	207,700.00	1,557,700.00	1,679,500.00	121,800.00
6/30/2023	1,400,000.00	3.85%	159,100.00	1,559,100.00	1,679,500.00	120,400.00
6/30/2024	2,630,000.00	4.00%	105,200.00	2,735,200.00	2,856,000.00	120,800.00
6/30/2025				0.00		
6/30/2026				0.00		
6/30/2027				0.00		
6/30/2028				0.00		
6/30/2029				0.00		
6/30/2030				0.00		
6/30/2031				0.00		
6/30/2032				0.00		
6/30/2033				0.00		
6/30/2034				0.00		
•	14,110,000.00		2,853,422.42	16,963,422.42	18,170,862.50	1,207,440.08

NPV of Savings @ 4.00%: \$988,207.64

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A Semiannual Debt Service and Refunding Savings - Series 2004A Refunding

						Debt		
					Prior Debt	Service		NPV @
Date	Principal	Coupon	Interest	Total	Service	Savings	Days PV Factor	4.00%
2/13/2014							0 1.0000000	
8/15/2014			202,694.92	202,694.92	330,625.00	127,930.08	182 0.9801765	125,394.05
2/15/2015	1,335,000.00	0.90%	200,467.50	1,535,467.50	1,525,625.00	(9,842.50)	362 0.9609573	(9,458.22)
8/15/2015			194,460.00	194,460.00	305,231.25	110,771.25	542 0.9421150	104,359.26
2/15/2016	1,170,000.00	1.35%	194,460.00	1,364,460.00	1,375,231.25	10,771.25	722 0.9236422	9,948.78
8/15/2016			186,562.50	186,562.50	281,825.00	95,262.50	902 0.9055315	86,263.20
2/15/2017	1,195,000.00	1.80%	186,562.50	1,381,562.50	1,406,825.00	25,262.50	1082 0.8877760	22,427.44
8/15/2017			175,807.50	175,807.50	256,512.50	80,705.00	1262 0.8703687	70,243.10
2/15/2018	1,210,000.00	2.35%	175,807.50	1,385,807.50	1,426,512.50	40,705.00	1442 0.8533026	34,733.68
8/15/2018			161,590.00	161,590.00	230,187.50	68,597.50	1622 0.8365712	57,386.69
2/15/2019	1,235,000.00	2.70%	161,590.00	1,396,590.00	1,450,187.50	53,597.50	1802 0.8201678	43,958.94
8/15/2019			144,917.50	144,917.50	201,975.00	57,057.50	1982 0.8040861	45,879.14
2/15/2020	1,275,000.00	3.00%	144,917.50	1,419,917.50	1,481,975.00	62,057.50	2162 0.7883197	48,921.15
8/15/2020			125,792.50	125,792.50	171,575.00	45,782.50	2342 0.7728625	35,383.58
2/15/2021	1,310,000.00	3.35%	125,792.50	1,435,792.50	1,511,575.00	75,782.50	2522 0.7577083	57,421.03
8/15/2021			103,850.00	103,850.00	139,750.00	35,900.00	2702 0.7428513	26,668.36
2/15/2022	1,350,000.00	3.60%	103,850.00	1,453,850.00	1,539,750.00	85,900.00	2882 0.7282856	62,559.73
8/15/2022			79,550.00	79,550.00	104,750.00	25,200.00	3062 0.7140054	17,992.94
2/15/2023	1,400,000.00	3.85%	79,550.00	1,479,550.00	1,574,750.00	95,200.00	3242 0.7000053	66,640.51
8/15/2023			52,600.00	52,600.00	68,000.00	15,400.00	3422 0.6862797	10,568.71
2/15/2024	2,630,000.00	4.00%	52,600.00	2,682,600.00	2,788,000.00	105,400.00	3602 0.6728233	70,915.57
8/15/2024				0.00			3782 0.6596307	
2/15/2025				0.00			3962 0.6466967	
8/15/2025				0.00			4142 0.6340164	
2/15/2026				0.00			4322 0.6215847	
8/15/2026				0.00			4502 0.6093968	
2/15/2027				0.00			4682 0.5974478	
8/15/2027				0.00			4862 0.5857332	
2/15/2028				0.00			5042 0.5742482	
8/15/2028				0.00			5222 0.5629884	
2/15/2029				0.00			5402 0.5519494	
8/15/2029				0.00			5582 0.5411269	
2/15/2030				0.00			5762 0.5305166	•
8/15/2030				0.00			5942 0.5201143	
2/15/2031				0.00			6122 0.5099160	
8/15/2031				0.00			6302 0.4999176	
2/15/2032				0.00			6482 0.4901153	
8/15/2032				0.00			6662 0.4805052	
2/15/2033				0.00			6842 0.4710835	
8/15/2033				0.00			7022 0.4618466	4
2/15/2034				0.00			7202 0.4527908	
	14,110,000.00		2,853,422.42	16,963,422.42	18,170,862.50	1,207,440.08		988,207.64

Board of Trustees of Southern Illinois University Certificates of Participation, Series 2014A University Debt Service

	Certific	ates of Partici	oation *		Medical	Combined	Series 2009A	Series 2012B-2	Net Combined
Fiscal				HAFS	Facilities	University	Government	Government	University
Year	Series 2004A	Series 2014A	Total	System	System	Total	Interest Credit	Interest Credit	Total
6/30/2014	2,493,850		2,493,850	26,535,010	1,765,250	30,794,110	(924,350)	(157,731)	29,712,029
6/30/2015		4,123,974	4,123,974	26,920,816	1,792,113	32,836,903	(897,262)	(157,731)	31,781,910
6/30/2016		3,942,450	3,942,450	26,845,435	1,816,000	32,603,885	(865,716)	(157,731)	31,580,438
6/30/2017		3,950,523	3,950,523	25,445,438	1,843,250	31,239,210	(829,965)	(157,731)	30,251,514
6/30/2018		3,947,233	3,947,233	26,748,393	1,871,250	32,566,875	(791,157)	(157,731)	31,617,987
6/30/2019		3,939,775	3,939,775	24,146,990	1,899,750	29,986,515	(749,419)	(157,731)	29,079,365
6/30/2020		3,947,410	3,947,410	24,240,683	1,928,500	30,116,593	(703,786)	(157,731)	29,255,075
6/30/2021		3,945,310	3,945,310	23,856,203	1,957,250	29,758,763	(657,022)	(157,731)	28,944,010
6/30/2022		3,941,703	3,941,703	21,490,133	1,985,750	27,417,585	(606,759)	(157,731)	26,653,095
6/30/2023		3,943,423	3,943,423	21,064,105	1,983,750	26,991,278	(553,349)	(157,731)	26,280,197
6/30/2024		3,944,468	3,944,468	20,278,013	547,500	24,769,980	(496,496)	(157,731)	24,115,753
6/30/2025		2,381,868	2,381,868	20,234,193	545,900	23,161,960	(435,992)	(157,731)	22,568,238
6/30/2026		2,384,078	2,384,078	20,140,255	543,400	23,067,733	(372,047)	(157,731)	22,537,955
6/30/2027		2,385,438	2,385,438	20,152,710		22,538,148	(303,366)	(157,731)	22,077,051
6/30/2028		2,382,088	2,382,088	20,085,030		22,467,118	(231,973)	(157,731)	22,077,414
6/30/2029		2,383,038	2,383,038	17,953,030		20,336,068	(157,651)	(157,731)	20,020,686
6/30/2030	•	2,383,488	2,383,488	10,576,745		12,960,233	(80,399)	(157,731)	12,722,103
6/30/2031		2,382,103	2,382,103	6,646,315		9,028,418		(157,731)	8,870,687
6/30/2032		2,385,330	2,385,330	6,642,335		9,027,665		(157,731)	8,869,934
6/30/2033		2,381,553	2,381,553	4,620,210		7,001,763		(157,731)	6,844,032
6/30/2034		2,381,648	2,381,648	4,619,760		7,001,408		(157,731)	6,843,677
6/30/2035				9,981,460		9,981,460		(157,731)	9,823,729
6/30/2036				2,604,000		2,604,000			2,604,000
	2,493,850	63,456,894	65,950,744	411,827,259	20,479,663	498,257,666	(9,656,707)	(3,470,082)	485,130,877

^{*} After the anticipated refunding of Series 2004A.

PROJECT AND BUDGET APPROVAL: RENOVATION OF PULLIAM HALL, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for renovation of Pulliam Hall physical education area. Estimated cost for this project is \$7,000,000.

Rationale for Adoption

The Pulliam Hall physical education area was constructed in 1954. It is approximately 16,000 square feet and contains a gymnasium and two swimming pools. Through the years, Pulliam Hall has been utilized by numerous University units and as a school that served predominantly University families. Due to a failing infrastructure, the University would be better served by renovation and re-assignment of the space.

This project will include decommissioning the pools, installing a new floor, potentially adding a new level in the gymnasium area and constructing new studio, classrooms and faculty offices. Also included in the project are upgrades to the mechanical, electrical and plumbing systems. It is anticipated the newly created space will be assigned to the School of Art and Design with some studio space that may be shared with the School of Architecture.

The estimated cost of this project is \$7,000,000 and the work would be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for the renovation of Pulliam Hall, Carbondale Campus, SIUC, at an estimated cost of \$7,000,000 be and is hereby approved.
- (2) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (3) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

Southern Illinois University Board of Trustees November 8, 2012

REVISED PROJECT AND BUDGET APPROVAL: RENOVATION OF PULLIAM HALL, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks revised project and budget approval of the renovation of Pulliam Hall physical education area to include the replacement of the roof systems and the windows. The revised estimated cost for this project is now \$8,250,000.

Rationale for Adoption

The project to renovate Pulliam Hall and the Pulliam gym area was approved at the May 10, 2012, Board of Trustees meeting at an estimated cost of \$7,000,000. The original project scope included decommissioning the pools, installing a new floor, adding a new level in the gymnasium area, constructing new studio, classrooms and faculty offices and upgrades to the mechanical, electrical and plumbing systems.

During the detail design process, our project consultants recommended that the project include the replacement of the building's roof and windows. The windows are original to the building, which was constructed in 1954. The building's roof systems have outlived their useful life. The renovation project offers a prime opportunity to minimize the replacement costs of these items. The roof and window replacements will protect the new infrastructure and improve building energy efficiencies. The revision to the project scope and budget will increase the project budget by \$1,250,000. The revised project budget is now \$8,250,000.

The work would be funded from external and/or internal financing as determined by the Board Treasurer and the Facilities Maintenance Fee. The debt payment will be repaid from the Facilities Maintenance Fee.

The Chancellor, SIUC, and the Vice Chancellor for Administration and Finance have recommended this matter to the President.

Considerations Against Adoption

University officers are aware of none.

Resolution

- (1) The revised project and budget approval for the renovation of Pulliam Hall, Carbondale Campus, SIUC, to include the replacement of the roof systems and windows at a total estimated cost of \$8,250,000 be and is hereby approved.
- (2) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer and the Facilities Maintenance Fee. The debt payment will be repaid from the Facilities Maintenance Fee.
- (3) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: PARKINSON LABORATORY HVAC, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for replacement of the HVAC system for Parkinson Laboratory. Estimated cost for this project is \$4,300,000.

Rationale for Adoption

The Parkinson Laboratory was constructed in 1928. It is approximately 62,000 square feet and is the seventh oldest building on campus. Originally, Parkinson Lab housed chemistry, physics, industrial arts and the bookstore. In 1959, Browne Auditorium was added as a chemistry lecture hall. Currently, space is provided for general classrooms and to the Department of Geology for classrooms, lab space and faculty offices.

The last renovation to the heating, ventilating and air conditioning (HVAC) system was completed in 1979. The current system has outlived its useful life. In 2011, the University commissioned KJWW Engineering through their Architectural / Engineering (A/E) annual retainer contract to perform a study on Parkinson Laboratory. Their study confirmed the need to replace the HVAC system. It is anticipated the design will be completed through the A/E retainer and the work will be competitively bid.

The estimated cost of this project is \$4,300,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for the replacement of the HVAC system for Parkinson Laboratory, Carbondale Campus, SIUC, at an estimated cost of \$4,300,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.
- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: FANER HALL HVAC, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for replacement of fan coils in the HVAC system for Faner Hall. Estimated cost for this project is \$2,200,000.

Rationale for Adoption

Faner Hall was constructed in 1974. It is approximately 278,000 square feet. Space in Faner Hall is assigned to the College of Liberal Arts, Science, Institutional Research, Information Technology and general classrooms.

The existing heating, ventilating and air conditioning (HVAC) system is original to the facility and has outlived its useful life. In 2010, the University commissioned Marcum Engineering through their Architectural / Engineering (A/E) annual retainer contract to perform a study on Faner Hall. Their study confirmed the need to replace the HVAC system. This project will target specific fan coil units in the most distressed areas. It is anticipated the design will be completed through the A/E retainer and the work will be completed with in-house resources and through the competitive bid process.

The estimated cost of this project is \$2,200,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for replacement of fan coils in the HVAC system for Faner Hall, Carbondale Campus, SIUC, at an estimated cost of \$2,200,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.
- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: JAMES W. NECKERS BUILDING HVAC, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for renovations to the HVAC system in the James W. Neckers Building. Estimated cost for this project is \$1,500,000.

Rationale for Adoption

The Neckers Building was constructed in 1963. It is approximately 186,000 square feet. Space in the Neckers Building is assigned to the College of Science, Graduate School and the School of Medicine.

The existing heating, ventilating and air conditioning (HVAC) system is original to the facility and has outlived its useful life. In 2009, the University, in preparation for a National Science Foundation grant application, enlisted the services of BRiC Partnership through their Architectural / Engineering (A/E) annual retainer contract to perform a study on the Neckers Building. Their study confirmed the need for renovations to the HVAC system. It is anticipated the design will be completed through the A/E retainer and the work will be completed with in-house resources and through the competitive bid process.

The estimated cost of this project is \$1,500,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for the renovations to the HVAC system in the J. W. Neckers Hall, Carbondale Campus, SIUC, at an estimated cost of \$1,500,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.
- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: WOODY HALL RENOVATIONS, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for renovations to Woody Hall. Estimated cost for this project is \$5,000,000.

Rationale for Adoption

Woody Hall was constructed in 1953 as a women's residence hall. It is approximately 99,000 square feet and serves as office space for many student services. With the completion of the Student Services Building scheduled for the summer of 2013 and the relocation of the Enrollment Management departments to the new facility, renovations to Woody Hall will begin. The current plans call for certain departments to remain in Woody Hall, including the Center of Academic Success, Career Services, Disability Support Services and the Office of Sponsored Projects Administration. It is anticipated that when the renovations are complete, International Programs & Services, Accounting Services, Human Resources and Procurement Services will relocate to Woody Hall.

The mechanical, electrical and plumbing systems are original to the facility and have outlived their useful life. This project will replace or repair these systems. It is anticipated the design will be completed through Architectural / Engineering retainer contracts and the renovations will be completed with in-house resources and through the competitive bid process.

The estimated cost of this project is \$5,000,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for renovations to Woody Hall, Carbondale Campus, SIUC, at an estimated cost of \$5,000,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.
- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: ROOF REPLACEMENTS, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval to replace the roofs at the Wham Building, Pulliam-Wham Breezeway, Rehn Hall, Life Sciences III and Studio Arts. Estimated cost for this project is \$2,000,000.

Rationale for Adoption

This project will replace roofs at the Wham Building, Pulliam-Wham Breezeway, Rehn Hall, Life Sciences III (2nd floor) and Studio Arts (upper). These roofs are failing and are no longer repairable. In all, the University owns approximately 525 buildings with a wide variety of roofing materials protecting them from the elements. Where possible, the new roof systems will be a thermoplastic polyolefin (TPO) material and include a 30 year warranty, built-up insulation and designed to provide additional slope. It is anticipated the design will be completed with in-house resources and the work will be competitively bid.

The estimated cost of this project is \$2,000,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

BE IT RESOLVED, By the Board of Trustees of Southern Illinois University in regular meeting assembled, That:

(1) Project and budget approval for the replacement of roofs at the Wham Building, Pulliam-Wham Breezeway, Rehn Hall, Life Sciences III and Studio Arts, Carbondale Campus, SIUC, at an estimated cost of \$2,000,000 be and is hereby approved.

- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.
- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: CAMPUS LIGHTING UPGRADES, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for general campus lighting upgrades. Estimated cost for this project is \$1,000,000.

Rationale for Adoption

The exterior and roadway lighting across campus is a varied assortment depending upon the era of installation and location. This project will identify specific areas and lighting types required to provide increased campus safety and a consistency of appearance across the main campus. It is anticipated the design will be completed through in-house resources and the work will be competitively bid.

The estimated cost of this project is \$1,000,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for general campus lighting upgrades, Carbondale Campus, SIUC, at an estimated cost of \$1,000,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.

- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: STEAM TUNNEL REPAIRS, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for steam tunnel repairs. Estimated cost for this project is \$1,000,000.

Rationale for Adoption

The Carbondale campus utilizes a network of approximately eight miles of underground reinforced concrete tunnels for utility distribution to most of the central campus buildings. Referred to as the steam tunnels, some are in excess of fifty years old and have shown serious signs of deterioration and failure. The top of the tunnel has begun to deteriorate in some areas causing the steam line anchors to break loose. This project will provide structural improvements and the replacement of pipe stanchions, expansion joints and steam specialties. Areas of concern have been identified in the Steam Tunnel Investigation Report completed by an outside consultant. It is anticipated the design and the work will be completed with in-house resources.

The estimated cost of this project is \$1,000,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for steam tunnel repairs, Carbondale Campus, SIUC, at an estimated cost of \$1,000,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.

- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

PROJECT AND BUDGET APPROVAL: WINDOW AND DOOR REPLACEMENTS, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for exterior window and door replacements at various facilities across campus. Estimated cost for this project is \$1,000,000.

Rationale for Adoption

Many of the exterior windows and doors across campus are original to the buildings. This project will identify specific buildings and repair or replace windows and doors to improve energy efficiency and provide functioning access hardware for increased security of the building. It is anticipated the design will be completed with inhouse resources and the work with a combination of in-house and competitive bids.

The estimated cost of this project is \$1,000,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

Considerations Against Adoption

University officers are aware of none.

Constituency Involvement

Not pertinent to this matter.

Resolution

- (1) Project and budget approval for exterior window and door repair or replacement, Carbondale Campus, SIUC, at an estimated cost of \$1,000,000 be and is hereby approved.
- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.

- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.

Southern Illinois University Board of Trustees September 13, 2012

PROJECT AND BUDGET APPROVAL: ELECTRICAL DISTRIBUTION UPGRADES, CARBONDALE CAMPUS, SIUC

Summary

This matter seeks project and budget approval for the Carbondale campus electrical distribution system upgrades. Estimated cost for this project is \$5,000,000.

Rationale for Adoption

This project will replace the electrical feeders and associated equipment in the campus distribution system that is at risk of failure due to deterioration and includes the purchase of a new 12.5kV source for installation at the east campus substation. Replacement feeders and equipment will be sized to convert the electrical distribution from 5kV to 12.5kV, which will greatly improve the efficiency and reliability of the system and result in significant long-term savings in the purchase of electricity. It is anticipated the design will be completed through in-house resources and the work will be competitively bid.

The estimated cost of this project is \$5,000,000 and the work will be funded from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.

The Chancellor, SIUC, and the Vice Chancellor for Administration and Finance have recommended this matter to the President.

Considerations Against Adoption

University officers are aware of none.

Resolution

BE IT RESOLVED, By the Board of Trustees of Southern Illinois University in regular meeting assembled, That:

(1) Project and budget approval for the electrical distribution system upgrades, Carbondale Campus, SIUC, at an estimated cost of \$5,000,000 be and is hereby approved.

- (2) The Board of Trustees hereby authorizes the purchase of goods and services required to complete this project.
- (3) Funding for this work will come from external and/or internal financing as determined by the Board Treasurer. The debt payment will be repaid from the Facilities Maintenance Fee.
- (4) The President of Southern Illinois University be and is hereby authorized to take whatever action may be required in the execution of this resolution in accordance with established policies and procedures.