



South Carolina Commission on Higher Education

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TO: Mr. Kenneth B. Wingate, Chair, and Members, Commission on Higher Education
FROM: Mr. Guy Tarrant, Chair, and Members of the Committee on Finance & Facilities
SUBJECT: Items for Consideration on April 5
DATE: March 30, 2012

Attached are items for your review and consideration at the April 5 Commission meeting. Please note the Committee on Finance and Facilities has not yet acted on item 7.04A but is scheduled to review and develop recommendations at its meeting scheduled for 9:15 a.m. on April 5. The Committee will bring its recommendations to the Commission for consideration at the Commission meeting. Staff recommendations are included for your information.

If you have any questions about a particular item, or if you need additional information, please contact Gary Glenn at (803) 737-2155.

7.04A Interim Capital Projects

- A. Clemson University
 - i. Douthit Hills Redevelopment
- *establish project*
 - ii. Wind Turbine Drivetrain Test Facility/Grid Simulator
- *increase budget, revise scope, change project name*
- B. Medical University of South Carolina
 - i. Basic Science Building Craniofacial Biology Research Renovation
- *establish project*
 - ii. College of Nursing Interior Renovation Floors 2-5
- *establish construction budget*
- C. Coastal Carolina University
 - i. Hicks Dining Hall Expansion
- *establish project*
- D. Aiken Technical College
 - i. Center for Energy & Advanced Technology
- *establish project*

7.04B Review of SC Manufacturing Extension Partnership (SCMEP) Activities, Board Membership, and Budget Recommendations

7.04C List of Capital Projects & Leases Processed by Staff for March 2012 (For Information, No Action Required)

DESCRIPTION OF INTERIM CAPITAL PROJECTS FOR CONSIDERATION

April 5, 2012

CLEMSON UNIVERSITY

PROJECT NAME: Douthit Hills Redevelopment
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$123,500,000
INITIAL CHE APPROVAL DATE: N/A

<u>Project Budget</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Professional Service Fees	\$0	\$8,000,000	\$8,000,000
New Construction	\$0	\$90,000,000	\$90,000,000
Other Capital Outlay	\$0	\$11,100,000	\$11,100,000
Other	\$0	\$2,400,000	\$2,400,000
Contingency	\$0	\$12,000,000	\$12,000,000
<i>Total</i>	<i>\$0</i>	<i>\$123,500,000</i>	<i>\$123,500,000</i>

<u>Source of Funds</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Revenue Bonds	\$0	\$123,500,000	\$123,500,000
<i>Total</i>	<i>\$0</i>	<i>\$123,500,000</i>	<i>\$123,500,000</i>

DESCRIPTION:

The University requests approval to establish a project to construct a total of 551,733 SF of space to include residence halls, a residential dining hall, retail food service, additional retail space anchored by the campus bookstore, additional parking areas and infrastructure redevelopment to support the project.

Through this project, approximately 1,450 residents will be housed in the area east of the Clemson House. Two sections are planned. The western portion will accommodate upperclassmen in apartment settings, and the section to the east will be a series of residence halls to be occupied by Bridge students. This project will increase access to on-campus housing for upperclassmen and provide “swing space” that will minimize displacement of students when Johnstone and the Clemson House are renovated or replaced. It is the first major step in a planned transformation of student housing that will improve quality, reduce energy use, and support the 2020 Master Plan goals of enhancing student performance and engagement.

Over the last ten years, student population at the University has increased nearly 30% and no new student housing has been added. The average age of the University’s housing facilities is thirty-one years old, and 52% of the available beds are more than forty years old. This project will allow the University to increase the number of students living on campus and provide a safe environment conducive to learning. There will be no housing fee increase associated with this project. The development is designed to be a self-sustaining financial enterprise.

This project is included in the institution’s FY 2012-13 CPIP year one as priority number two. Because the FY 2012-13 CPIP year one list has not been approved by the Commission, the project is being brought through the interim capital project process.

E&G MAINTENANCE NEEDS REDUCTION:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Utilities and maintenance will require additional operating costs of \$3,306,000 in the first year, \$3,405,180 in the second year, and \$3,507,335 in the third year following project completion.

RECOMMENDATION:

Staff recommends approval of this project as proposed.

CLEMSON UNIVERSITY

PROJECT NAME: Wind Turbine Drivetrain Test Facility/Grid Simulator
REQUESTED ACTION: Increase Budget, Revise Scope, Change Project Name
REQUESTED ACTION AMOUNT: \$20,977,278
INITIAL CHE APPROVAL DATE: January 7, 2010

Project Budget	Previous	Change	Revised
Professional Service Fees	\$1,400,000	\$1,980,000	\$3,380,000
Equipment and/or Materials	\$40,200,000	\$8,900,000	\$49,100,000
New Construction	\$1,100,000	\$12,900,000	\$14,000,000
Interior Building Renovations	\$17,500,000	\$0	\$17,500,000
Labor Costs	\$588,000	(\$588,000)	\$0
Other	\$270,000	(\$270,000)	\$0
Contingency	\$2,942,000	(\$1,944,722)	\$997,278
Total	\$64,000,000	\$20,977,278	\$84,977,278

Source of Funds	Previous	Change	Revised
State Funds	\$7,000,000	\$0	\$7,000,000
State Commerce Funds	\$3,000,000	\$0	\$3,000,000
Redevelopment Authority	\$6,000,000	\$2,000,000	\$8,000,000
Federal DOE Grant	\$45,000,000	\$565,502	\$45,565,502
Private	\$0	\$3,553,914	\$3,553,914
Institutional Capital Project Funds	\$3,000,000	\$14,857,862	\$17,857,862
Total	\$64,000,000	\$20,977,278	\$84,977,278

DESCRIPTION:

The University requests approval to increase the budget and revise scope to construct a 15 megawatt (MW) hardware-in-the-loop (HIL) grid simulator to serve as a platform for testing and certifying new technology that supports the country's future electrical energy goals and to educate the workforce of the future in power systems engineering.

The grid simulator will be a separate test bed, allowing electrical testing of other devices when the wind turbines are under mechanical testing in the adjoining test beds. The facility will operate under a "shared facility" model that allows innovators to schedule time at the facility to complete their studies and/or certification while working with students and faculty.

This facility will be capable of full-scale, highly accelerated testing of next-generation wind turbine technology. The powerful grid simulator will have capability that mimics real-world transients such as wide-area power disruptions, frequency fluctuations, voltage drops, and cyber or physical attacks without "real-world risk" which is needed to test and validate new technologies for enhancement of the power infrastructure.

This project is included in the institution's FY 2012-13 CPIP year one as priority number one. Because the FY 2012-13 CPIP year one list has not been approved by the Commission, the project is being brought through the interim capital project process.

E&G MAINTENANCE NEEDS REDUCTION:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Utilities and maintenance will require additional operating costs of \$800,000 in the first year, \$1,150,000 in the second year, and \$1,210,000 in the third year following project completion.

RECOMMENDATION:

Staff recommends approval of this project as proposed.

MEDICAL UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME: Craniofacial Biology Research Space Renovation
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$2,600,000
INITIAL CHE APPROVAL DATE: N/A

Project Budget	Previous	Change	Revised
Professional Service Fees	\$0	\$312,000	\$312,000
Interior Building Renovations	\$0	\$2,028,000	\$2,028,000
Contingency	\$0	\$260,000	\$260,000
Total	\$0	\$2,600,000	\$2,600,000

Source of Funds	Previous	Change	Revised
Department Generated /Clinical Revenue	\$0	\$2,600,000	\$2,600,000
Total	\$0	\$2,600,000	\$2,600,000

DESCRIPTION:

The University requests approval to establish a project to renovate approximately 9,000 SF of space on the east end of the second floor in the Basic Sciences Building (BSB). This space will be converted into research, educational, and office space for the Department of Craniofacial Biology. Prior to construction of the Dental Clinics Building, space on the second floor of the BSB was used primarily for dental clinic education. This program was moved into the new facility, leaving space in the BSB for the Department of Craniofacial Biology.

The converted area will consolidate research space for NIH funded investigators in oral cancer and other oral health related research activities. The renovation will include approximately 190 linear feet of wet lab benches and various support space including tissue culture rooms, an autoclave room, a dark room, a microscopy room, and lab technician space.

This project is included in the institution's FY 2012-13 CPIP year one as priority number four. Because the FY 2012-13 CPIP year one list has not been approved by the Commission, the project is being brought through the interim capital project process.

E&G MAINTENANCE NEEDS REDUCTION:

The project will alleviate a portion of the \$35,412,436 in existing maintenance needs.

ANNUAL OPERATING COSTS/SAVINGS:

The project is not expected to generate additional operation costs at this time.

RECOMMENDATION:

Staff recommends approval of this project as proposed.

MEDICAL UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME: College of Nursing Interior Renovation Floors 2-5
REQUESTED ACTION: Establish Construction Budget
REQUESTED ACTION AMOUNT: \$7,880,000
INITIAL CHE APPROVAL DATE: October 6, 2011

Project Budget	Previous	Change	Revised
Professional Service Fees	\$120,000	\$580,000	\$700,000
Interior Building Renovations	\$0	\$6,950,000	\$6,950,000
Contingency	\$0	\$350,000	\$350,000
Total	\$120,000	\$7,880,000	\$8,000,000

Source of Funds	Previous	Change	Revised
Institutional Capital Project Funds	\$120,000	\$4,880,000	\$5,000,000
Plant Improvement Funds	\$0	\$3,000,000	\$3,000,000
Total	\$120,000	\$7,880,000	\$8,000,000

DESCRIPTION:

The University requests approval to establish the construction budget to renovate 36,000 SF in the College of Nursing Building. The interior floor space will be demolished and reconfigured to meet the current needs of the College. A student services area and separate computer lounge, as well as additional conference room, multipurpose rooms and offices will be incorporated. Dedicated research space of approximately 1,400 SF will be included. Renovations will also include the replacement of HVAC, plumbing, electrical, and fire alarm distribution systems on each floor. A new fire sprinkler system will be installed, and the building's roof and crawl space piping will be replaced along with the elevators.

The College of Nursing building is a five-story structure constructed in 1956 and designed initially as a nursing dormitory. The use of this building changed over the years into office and classroom space. Remnants of the original dormitory, such as shared bathrooms between rooms, still exist. With the exception of the Simulation Laboratory on the first floor, this building has received no substantial renovation since its construction. Because of this, plumbing deterioration has occurred, and the heating and air systems are compromised. The lack of efficient space and the condition of the building's infrastructure systems threaten the growth of the College.

Phase II (construction) is being brought through the interim capital project process for approval because Phase I (pre-design) was approved prior to the implementation of the revised approval process. This project is also included in the institution's FY 2012-13 CPIP year one as priority number one.

E&G MAINTENANCE NEEDS REDUCTION:

The project will alleviate a portion of the \$3,713,718 in existing maintenance needs.

ANNUAL OPERATING COSTS/SAVINGS:

The project is not expected to generate additional operating costs at this time.

RECOMMENDATION:

Staff recommends approval of this project as proposed.

COASTAL CAROLINA UNIVERSITY

PROJECT NAME: Hicks Dining Hall Expansion
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$2,500,000
INITIAL CHE APPROVAL DATE: N/A

<u>Project Budget</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Professional Service Fees	\$0	\$254,000	\$254,000
New Construction	\$0	\$2,005,000	\$2,005,000
Other	\$0	\$135,000	\$135,000
Contingency	\$0	\$106,000	\$106,000
<i>Total</i>	<i>\$0</i>	<i>\$2,500,000</i>	<i>\$2,500,000</i>

<u>Source of Funds</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Auxiliary Service Funds	\$0	\$2,500,000	\$2,500,000
<i>Total</i>	<i>\$0</i>	<i>\$2,500,000</i>	<i>\$2,500,000</i>

DESCRIPTION:

The University requests approval to establish a project to construct a 6,700 SF addition and outdoor patio to Hicks Dining Hall. The addition will provide for three new food stations, a beverage station, and approximately 175 additional seats.

The University has received approval to begin pre-design of additional student housing (1,270 beds) for planned occupancy in Fall 2014 to accommodate enrollment growth. These housing units will be located adjacent to Hicks Dining Hall. The dining hall will provide these additional student residents with the majority of their food service.

This project is included in the institution's FY 2012-13 CPIP year one as priority number three. Because the FY 2012-13 CPIP year one list has not been approved by the Commission, the project is being brought through the interim capital project process.

E&G MAINTENANCE NEEDS REDUCTION:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Utilities and supplies will require additional operating costs of \$47,000 in each of the three years following project completion.

RECOMMENDATION:

Staff recommends approval of this project as proposed.

AIKEN TECHNICAL COLLEGE

PROJECT NAME: Center for Energy and Advanced Manufacturing
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$6,197,199
INITIAL CHE APPROVAL DATE: N/A

<u>Project Budget</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Professional Service Fees	\$0	\$626,561	\$626,561
Site Development	\$0	\$441,417	\$441,417
New Construction	\$0	\$4,706,438	\$4,706,438
Builders Risk Insurance	\$0	\$73,488	\$73,488
Contingency	\$0	\$349,295	\$349,295
<i>Total</i>	<i>\$0</i>	<i>\$6,197,199</i>	<i>\$6,197,199</i>

<u>Source of Funds</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Federal (EDA Grant)	\$0	\$2,000,000	\$2,000,000
Local	\$0	\$2,197,199	\$2,197,199
Foundation	\$0	\$2,000,000	\$2,000,000
<i>Total</i>	<i>\$0</i>	<i>\$6,197,199</i>	<i>\$6,197,199</i>

DESCRIPTION:

The College requests approval to establish a project to construct a 27,600 SF Center for Energy and Advanced Manufacturing to replace buildings 400 and 500. The buildings to be replaced do not provide sufficient space to house modern equipment needed to train a skilled workforce. Assessments and cost evaluations from outside sources have concluded that it would be a better use of resources to construct a new facility for Industrial Technology programs rather than engage in a high cost renovation project. Health and safety problems persist with the existing buildings involving air quality, ventilation, and electrical systems.

The proposed new facility is designed to maximum net assignable square footage for efficient and flexible use of classroom and laboratory space. Programs to be housed in this facility will include applied technology classes such as welding, machine tool, industrial maintenance, hydraulics, and pneumatics. These courses engage students in hands-on application instruction. They must demonstrate skill proficiencies and be certified in the use of the equipment as part of the course requirements. This building is necessary to help the College meet the increased demand for these types of skills. Modern facilities that more closely mirror industry standards will enhance the College's ability to recruit and retain students. The Economic Development Partnership has stressed the need for such a facility to contribute to the efforts of expansion with local firms and recruitment of new industries for the service area of the College. Buildings 400 and 500 will be demolished under separate projects.

This project is included in the institution's FY 2012-13 CPIP year one as priority number one. Because the FY 2012-13 CPIP year one list has not been approved by the Commission, the project is being brought through the interim capital project process.

E&G MAINTENANCE NEEDS REDUCTION:

N/A – New Construction (*Note: Subsequent demolition of Buildings 400 and 500 will eliminate \$4,387,728 in existing maintenance needs.*)

ANNUAL OPERATING COSTS/SAVINGS:

The project is not expected to generate additional operating costs at this time.

RECOMMENDATION:

Staff recommends approval of this project as proposed.

**REVIEW OF SC MANUFACTURING EXTENSION PARTNERSHIP (SCMEP)
ACTIVITIES, BOARD MEMBERSHIP, AND BUDGET RECOMMENDATIONS**

April 5, 2012

SC State Code of Laws

Section 59-103-162. South Carolina Manufacturing Extension Partnership; review of activities and board membership; budget recommendations.

The South Carolina Commission on Higher Education shall review annually the activities of the South Carolina Manufacturing Extension Partnership, make a budget recommendation to the General Assembly, and coordinate the allocation of funds among each participating institution. The funds appropriated to the University of South Carolina Columbia for the South Carolina Manufacturing Extension Partnership may not be used for any other purpose. The Commission shall review the membership of the South Carolina Manufacturing Extension Partnership board to insure appropriate representation of each participating institution.

ABOUT SCMEP:

The South Carolina Manufacturing Extension Partnership (SCMEP) is a private, non-profit 501 (c) 3 organization funded through a cooperative agreement with the US Department of Commerce's National Institute of Standards and Technology (NIST), matching state funds and revenue from private and other grant sources. SCMEP is part of the nation's manufacturing extension partnership system which is governed by a fiduciary board of directors. SCMEP is committed to serving small- to mid-sized manufacturers with resources and services to help them become more competitive and productive. SCMEP's delivery of services is dependent upon relationships with partners, public agencies, non-profits, and numerous private consultants. The organization has formal, contracted relationships with the University of South Carolina, Clemson University, and the South Carolina Technical College System.

WHY THEY ARE DIFFERENT: With SCMEP you get the benefits of:

- Premium consulting services at competitive rates (starting with the no-cost Competitiveness Review)
- Customized services adapted to meet the company's individual needs
- Assets of the national MEP network and federal agencies
- Statewide contacts, relationships, and networking
- Diverse knowledge and practices of third party experts
- Support from Manufacturing Specialists who live and work locally
- A large and diverse network of state-wide resources including universities, technical colleges, SCRA, and SCDOC.
- A merit-based (vs. profit driven) organization that is measured independently
- An approach based on obtaining results quickly while developing competencies to raise long-term performance.

Methodology

- SCMEP’s approach enables their Manufacturing Specialists to use constraint theory to quickly identify bottle necks in companies’ operations, regardless of where those limiting factors occur. Focusing on these limiting factors permits rapid improvement and shortens the “time-to-value” of projects – delivering maximum impact in the minimum time possible.
- SCMEP works with companies willing to invest in themselves and who commit the necessary time, money and human resources to improve their businesses. Through SCMEP’s role as a facilitator in the engagement process, their Manufacturing Specialists coach clients as strategic “professional business advisors.” Company personnel are trained in techniques and supplied with tools that allow them to develop the skills required to expand the company’s capabilities and improve its performance. The goal is to internalize these changes and make them self-sustaining so they become standard operating procedure enabling the company to work independently instead of becoming consultant dependent.

Accountability

- Since 1996, NIST has used an independent third party organization to conduct surveys of MEP client companies collecting data on the economic “impact” – measured in dollars earned, saved and invested – of the centers’ services provided.
- These surveys provide objective, factual data NIST uses to evaluate all MEP centers through a competitive process where funding is contingent upon successful annual reviews of their impact.
- SCMEP is advised by a fiduciary Board of Directors.
- State investment was \$705,387 in 2011 and \$682,049 in 2012.

SCMEP Client Results 2010

New and Retained Sales	\$98 M
Cost Savings	\$22.1 M
Capital Investment	\$5.3 M
Jobs Created/Retained	1,269
Total Bottom Line Impact for Clients	\$277.7 M

SCMEP
FY12 Sub-awards

<u>Partner</u>	<u>FY12 Award Amount</u>
CMAT (USC)	\$275,000
Clemson Apparel Research (CU)	\$90,000
Florence Darlington TC	\$50,000
Central Carolina TC	\$40,000
South Carolina Export Consortium	\$30,000
Midlands TC	\$30,000
Total	\$515,000
State Funds	\$682,000

SCMEP State Funding

<u>Fiscal Year</u>	<u>General Fund</u>	<u>Supplemental</u>	<u>Total</u>
2001	\$2,300,000		\$2,300,000
2002	\$2,300,000		\$2,300,000
2003	\$1,715,700		\$1,715,700
2004	\$1,237,343		\$1,237,343
2005	\$1,227,921		\$1,227,921
2006	\$1,227,921	\$1,200,000	\$2,427,921
2007	\$1,227,921	\$1,200,000	\$2,427,921
2008	\$1,227,921	\$1,200,000	\$2,427,921
2009	\$934,483		\$934,483
2010	\$851,917		\$851,917
2011	\$705,387		\$705,387
2012	\$682,049		\$682,049
Totals	\$15,638,563	\$3,600,000	\$19,238,563

SCMEP
Statement of Revenues & Expenditures
Six Months Ended December 31, 2011

	6 months ended Dec 31, 2011	Annual Budget
REVENUES		
Federal Grant Revenue	\$1,445,710	\$2,864,546
State of SC Funding	\$341,025	\$663,048
Project Revenue	\$1,107,288	\$2,400,000
Partner Cost Share	\$598,981	\$1,211,786
Commission Income	\$11,863	\$20,000
Total Revenue	\$3,504,867	\$7,159,380
OPERATING EXPENDITURES		
Personnel	\$1,185,990	\$2,790,583
Third Parties	\$745,845	\$1,812,752
Contractual Services	\$151,123	\$182,800
Sub-awards	\$889,046	\$1,803,998
Travel	\$87,112	\$199,400
Project Supplies	\$201,955	\$34,700
Marketing & Advertising	\$49,573	\$102,500
Professional Development	\$6,352	\$30,550
Office Expense	\$87,284	\$139,000
Occupancy	\$42,284	\$103,300
Other Administrative Costs	\$37,481	\$64,797
Total Operating Expenditures	\$3,484,045	\$7,264,380
Operating Income (Loss)	\$20,822	(\$105,000)
OTHER INCOME		
Bad Debt Recovery	\$863	-
Cash Contributions	-	\$180,000
In-Kind Contributions	\$394,648	\$436,900
Investment Income	\$20,311	\$42,750
Other Income	\$6,470	-
Gain (Loss) on Investments	(\$19,295)	\$2,250
Gain (Loss) on Sale of Asset	(\$3,780)	-
Total Other Income	\$399,216	\$661,900
OTHER EXPENDITURES		
Bad Debt	\$31,337	\$60,000
Depreciation	\$15,886	\$60,000
In-Kind Expenses	\$394,648	\$436,900
Total Other Expenditures	\$441,871	\$556,900
Net Income (Loss)	(\$21,833)	-

South Carolina Manufacturing Extension Partnership (SCMEP) Board of Directors

Mr. H. Henry Puckhaber*
Retired (BellSouth)
158 Hollow Cove Rd.
Lexington, SC 29072
803-609-7026 (cell) 803-951-8878 (fax)
Email: henry@puckhaber.net

Mr. Roy Hawkins, President
USCOA International Corp.
854 Lowcountry Blvd. Suite #102
Mt. Pleasant, SC 29464
803-563-4561 803-563-4078 (fax)
Email: royhawkins@aol.com

Mr. John M. Meister**
(Retired – WABCO)
4 Sun Flare Court
Greer, SC 29650
864-281-0972
johnmeister@charter.net

Gerald Sonnenfeld, Ph.D.****
Vice President for Research
Clemson University
321 Calhoun Drive
300 Brackett Hall
Clemson, SC 29634
864-656-7701 864-656-7700 (fax)
Email: sonneng@clemson.edu

Ms. Gail Shurling
Program Director
CMAT – Moore School of Business
University of South Carolina
1705 College Street, Room 679
Columbia, SC 29208
803-734-2104 (w) 843-302-9886 (cell)
Email: shurling@enr.sc.edu

Mr. Charles A. “Chuck” Bundy, Jr.
Manager, Business Services Department
South Carolina Department of Commerce
1201 Main Street, Suite 1600
Columbia, SC 29201
803-737-0440 803-806-3420 (fax)
Email: cbundy@commerce.state.sc.us

Mr. Robert R. Hurst
Phoenix Specialty Manufacturing Company
P.O. Box 418 (Highway 301 South)
Bamberg, SC 29003
803-245-5116 803-245-5734 (fax)
Email: rhurst@phoenixspecialty.com

Dr. Ben P. Dillard, III
New Business Development
Recruiting Solutions/RS Healthcare
174 Reserve Drive
Piedmont, SC 29673
864-234-0072 864-297-3988 (fax)
Email:
bdillard@recruitingsolutionsonline.com

Mr. Lou Krause
Chief Operating Officer
VIA Information Tools, Inc.
112 Warden Way
Irmo, SC 29063
803-260-2245 (cell)
Email: louisj.krause@gmail.com

Mr. Dean Garritson
President
Green Rivers Cabins
770 West Frontage Road
Campobello, SC 29322
864-457-2444 864-457-2484 (fax)
Email: Dgarritson@greenrivercabins.com

Mr. William “Bill” Engle
Stark RFID
12 O’Neal Street
Greenville, SC 29601
864-232-9773
Email: wbengle@starkrfid.com

Dan Lilley***
NIST MEP Account Manager
719 Devereux Street
Raleigh, NC 27605
240-418-3003 919-829-0455 (home)
Email: dlilley@nist.gov

Dr. Darrel W. Staat
System President
SC Technical College System
111 Executive Center Drive
Columbia, SC 29210
803-896-5280 803-896-5281 (fax)
Email: staatd@sctechsystem.edu

Ms. Rebecca A. Ufkes
President
UEC Electronics, LLC
5914 Howard Street
Hanahan, SC 29410
843-266-3527 843-552-7452 (fax)
Email: rebeccaufkes@uec-electronics.com

- * Chairman
- ** Secretary
- *** NIST Representative
- **** Treasurer

RECOMMENDATION:

Staff recommends the Commission accept as information the activities of SCMEP, endorse the membership of the SCMEP Board to ensure appropriate representation of each participating institution, and approve the budget recommendation for continuing funding of SCMEP in the amount of \$682,049 for FY 2012-2013.

INFORMATION ITEM

Capital Projects & Leases Processed by Staff							
March 2012							
Date Approved	Project #	Institution	Project Name	Action Category	Budget Change	Revised Budget	Original Approval Date
Deferred Maintenance Project Using Capital Reserve Funds							
3/13/2012	New	SC State	Deferred Maintenance ¹	establish project	\$0	\$1,073,693	-
Routine Staff Approvals							
2/29/2012	9583	Coastal Carolina	Baseball/Softball Stadium Land Donation ²	revise scope	\$0	\$20,000	4/18/2011
2/29/2012	9899	Piedmont TC	Abbeville County Center ^{3,4}	increase budget, revise scope	\$1,500,000	\$1,560,000	10/11/2004
3/9/2012	9561	Francis Marion	Athletic Complex Construction ⁵	increase budget	\$135,890	\$11,435,890	9/30/2009
3/9/2012	9558	Francis Marion	Center for Performing Arts Construction	decrease budget	(\$200,000)	\$33,980,000	8/2/2006
3/15/2012	9569	SC State	Lowman Hall Renovation ⁶	change source of funds	\$0	\$4,066,530	12/4/2000
3/15/2012	9628	SC State	Engineering/Computer Science Complex Construction	decrease budget	(\$2,357,792)	\$22,317,208	6/1/2006
3/15/2012	9534	USC Upstate	Campus Buildings Deferred Maintenance Mechanical Upgrades ⁷	increase budget, revise scope	\$9,269	\$566,934	6/13/2005
3/27/2012	9585	Coastal Carolina	Parking/Pedway Construction ⁸	change source of funds	\$0	\$4,000,000	4/18/2011
Close-Outs							
2/27/2012	9940	Northeastern TC	Ingram Hall Exterior Repairs	close project	\$0	\$135,869	12/20/2005
2/27/2012	9602	The Citadel	Daniel Library Renovations	decrease budget, close project	(\$6,497)	\$1,678,503	10/17/2007
2/27/2012	9965	Northeastern TC	Deferred Maintenance	decrease budget, close project	(\$37,760)	\$176,371	12/20/2005
2/29/2012	9551	Coastal Carolina	Campus Development Infrastructure Improvements	decrease budget, close project	(\$1,179)	\$4,021,321	3/2/2006
3/13/2012	7075	MUSC	East Wing Addition	decrease budget, close project	(\$14,127)	\$50,886,390	5/17/1988
3/13/2012	9682	MUSC	Research & Quad Building HVAC Renovation	decrease budget, close project	(\$2,694)	\$725,956	12/3/1998
3/13/2012	9684	MUSC	Walton Research Building Renovation	decrease budget, close project	(\$140,826)	\$2,403,219	3/9/1999
3/13/2012	9687	MUSC	Non-Pathogen Free Rodent Renovation	decrease budget, close project	(\$537,169)	\$212,831	3/4/1999
3/13/2012	9698	MUSC	Clinical Sciences Building Renovation Phase II	decrease budget, close project	(\$1,513,505)	\$7,562,295	6/3/1999
3/13/2012	9705	MUSC	Emergency Power Repair	decrease budget, close project	(\$11,647)	\$148,353	10/28/1999
3/13/2012	9725	MUSC	Parking Garage III Construction	decrease budget, close project	(\$18,671,000)	\$0	9/7/2000
3/13/2012	9730	MUSC	Psychiatric Institute Mechanical System Renovations	decrease budget, close project	(\$240,943)	\$1,506,057	4/9/2001
3/13/2012	9737	MUSC	Storm Eye Institute Water Intrusion Repairs	decrease budget, close project	(\$82,999)	\$467,001	8/15/2001
3/13/2012	9742	MUSC	Campus High Voltage Feeder Lines Replacement	decrease budget, close project	(\$1,023,595)	\$1,276,405	11/6/2001
3/13/2012	9743	MUSC	Control Air Compressors & Dryer Replacement	decrease budget, close project	(\$11,354)	\$388,646	11/6/2001
3/13/2012	9769	MUSC	Uninterruptable Power Supply Replacement	decrease budget, close project	(\$39,166)	\$1,592,834	3/3/2005
3/13/2012	9772	MUSC	Clinical Sciences Building Service Elevator Repairs	decrease budget, close project	(\$1,463)	\$498,537	5/13/2005
3/13/2012	9784	MUSC	Bee Street Parking Garage Construction	decrease budget, close project	(\$1,525,609)	\$40,103,392	5/4/2006
3/15/2012	9535	USC Upstate	Humanities & Performing Arts Center Roof Replacement	decrease budget, close project	(\$9,269)	\$490,731	6/13/2005
3/20/2012	6028	Greenville TC	Industrial Building "D" Wing Renovation	decrease budget, close project	(\$178)	\$13,000	2/10/2011
3/27/2012	9845	TC of the Lowcountry	Building 8 Renovation ⁹	decrease budget, revise scope, close project	(\$1,316,106)	\$207,894	3/7/2002

¹See supporting narrative.

²Revise scope to accept donation of 19.44 acres of land from the Coastal Educational Foundation for the purpose of construction and renovation of current baseball and softball stadiums.

³Establish construction budget. Phase I was approved in 2004. Due to budget constraints and County support, the College decided to postpone the project. PTC President and Area Commission voted to move forward with the project. The College will fund the project with College Local Funds.

⁴Approved by CHE on May 26, 2011 as part of FY 2011-12 CPIP year one.

⁵Increase budget from maintenance reserve that is being transferred from project #9558. Increase is due to unknown site conditions and several additional miscellaneous enhancements.

⁶Project was closed by CHE on December 14, 2011. Change source of funds in the amount of \$2,357,791.75 from Renovation Reserves to Institution Bonds. Additional Institution Bond funding is coming from project #9628 - Engineering/Computer Science Complex Construction where a surplus in the budget was determined.

⁷Increase budget from RUIB that is being transferred from project #9535. Additional funding will be used to continue addressing maintenance needs relating to mechanical systems in various buildings on campus.

⁸Change source of funds in the amount of \$1,190,847 from Renovation Reserves/Plant Expansion to '06 Institution Bonds.

⁹The first phase of project was completed using primarily Federal HUD funds. While remaining work still needs to be done, the local funds needed to complete the project are not available and are not expected to become available any time soon. The College is closing the project at this point and will initiate a new project for the remaining work as funds become available.

**FOR INFORMATION – PROJECT ESTABLISHMENTS PROCESSED BY STAFF
FOR MARCH 2012**

SOUTH CAROLINA STATE UNIVERSITY

PROJECT NAME: Deferred Maintenance
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$1,073,693
INITIAL CHE APPROVAL DATE: N/A

<u>Project Budget</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Building Utilities Renovations	\$0	\$637,888	\$637,888
Roofing	\$0	\$311,000	\$311,000
Exterior Building Renovations	\$0	\$124,805	\$124,805
<i>Total</i>	<i>\$0</i>	<i>\$1,073,693</i>	<i>\$1,073,693</i>

<u>Source of Funds</u>	<u>Previous</u>	<u>Change</u>	<u>Revised</u>
Capital Reserve Funds	\$0	\$1,073,693	\$1,073,693
<i>Total</i>	<i>\$0</i>	<i>\$1,073,693</i>	<i>\$1,073,693</i>

DESCRIPTION:

The University requests approval to establish a project to correct deferred maintenance campus wide. Scope of work will include steam repairs to Felton Laboratory School and Gym, Crawford Zimmerman Building, Fine Arts Building, Donma Brooks Health Center, and Whittaker Library. Life safety repairs will be addressed in Whittaker Library, SHM Memorial Center, Lewis Laboratory, Williams Hall, and Donma Administration Building. Roof and flooring repairs will be made in SHM Memorial Center. Drainage will be corrected in Washington Dining Hall. Scope of work will also include fire door repairs in Whittaker Library and the Fine Arts Building, and campus wide sprinkler, exterior lighting, and emergency call box repairs.

E&G MAINTENANCE NEEDS REDUCTION:

The project will alleviate a portion of the \$24,684,819 in combined existing maintenance needs.

ANNUAL OPERATING COSTS/SAVINGS:

The project is not expected to generate additional operating costs at this time.