

Agnd II



Agenda Item 4.04

March 27, 2006

**MEMORANDUM**

**TO:** Dr. Layton McCurdy, Chair, and Members, Commission on Higher Education  
**FROM:** Rosemary Byerly, Chair, Committee on Finance and Facilities  
**SUBJECT:** Committee Meeting, April 6, 2006

Attached are the interim capital projects for your review and consideration at the April Commission meeting. Please note the Committee on Finance and Facilities has not yet acted on these projects but is scheduled to review and develop recommendations at its meeting scheduled for 9:30 a.m. on April 6. The Committee will bring its recommendations to the Commission for consideration at the 11:00 Commission meeting. Staff recommendations are included for your information.

If you have any questions about the material, or if you need additional information, please contact me or Lynn Metcalf at (803) 737-2265.

### Summary of Interim Capital Projects

College of Charleston		
1.) Physical Education & Athletics Center Complex Construction	\$ 2,000,000	Increase
University of South Carolina-Columbia		
1.) USC ROTC Center Renovations	\$ 690,000	Establish
Florence-Darlington Technical College		
1.) Technology Mall/Advanced Manufacturing Center	\$ 7,810,000	Increase

For Information:

    List of Staff Approvals for February 2006

Descriptions of Interim Capital Projects for Consideration  
April 6, 2006

**College of Charleston**

**Physical Education & Athletics Center**

Complex Construction \$ 2,000,000 -increase budget  
(Previous Budget-\$38,000,000)

Source of Funds: \$ 2,000,000 -revenue bonds

Proposed Budget: \$ 29,750,000 -new construction  
4,103,000 -interior building renovations  
2,222,000 -professional service fees  
1,800,000 -land purchase  
1,125,000 -equipment and/or materials  
1,000,000 -contingency  
\$ 40,000,000

Description

The College requests to increase the project budget to reflect post-Katrina increases in the estimated construction cost. This adjustment is based on industry analyses of current construction costs.

The project was awarded \$12,000,000 in the 1999 Capital Improvement Bond Bill, and the project was officially established by the Budget and Control Board on December 14, 1999. At the time it was established, the cost of the project was estimated to be \$40,000,000 and was stated as such in the documents submitted for approval.

Recommendation

Staff recommends approval of the project as proposed.

F&G Deferred Maintenance Reduction:

*None – New Space*

Annual Operating Costs/Savings:

*Estimated operating costs were not available.*

**University of South Carolina-Columbia**

USC ROTC Center Renovations \$ 690,000 -establish project

Source of Funds: \$ 456,000 -ICPF  
234,000 -institutional funds

Proposed Budget: \$ 674,000 -interior building renovations  
10,000 -contingency  
6,000 -professional services fees  
Total: \$ 690,000

Description

The University requests to upgrade the recently acquired Naval Reserve Center to relocate three University ROTC departments to the facility. The scope of work includes providing connectivity to University data and communication services, partial HVAC repair and expansion, code improvements, and the conversion of classrooms, offices, and common spaces to the University Standards.

The land is part of the University's Master Land Acquisition Plan and the land acquisition was approved by CHE staff on December 15, 2004. The project was closed on October 31, 2005. This new project request is to complete renovations to the facility.

Recommendation

Staff recommends approval of the project as proposed.

E&G Deferred Maintenance Reduction:

*The renovations will alleviate a portion of existing deferred maintenance.*

Annual Operating Costs/Savings:

*This project will not affect annual operating costs.*

**Florence-Darlington TC**

Technology Mall/Advanced Manufacturing Center \$ 7,810,000 -increase budget  
(Previous Budget=\$26,150,000)

Source of Funds: \$ 1,700,000 -revenue bonds  
4,060,000 -local funds  
2,050,000 -federal funds

Proposed Budget: \$ 22,770,000 -new construction (177,000 GSF)  
6,900,000 -site development  
1,900,000 -equipment and/or materials  
1,750,000 -professional services  
340,000 -contingency  
300,000 -landscaping  
Total: \$ 33,960,000

Description

The College is requesting to decrease the square footage of the construction from 212,995 sq. ft. to 177,000 sq. ft. The original budget suffered from the architectural firm's misunderstanding of bonding requirements for subcontractors and poor estimations of costs. A redesign was ordered (at no cost to the College) and bids for the new design reflect an increase in labor and materials following Hurricane Katrina, as well as more realistic estimates after clarification of the misunderstandings.

The project is a 177,000 sq. ft. manufacturing and technology facility which was designed in response to the sophisticated and specialized training needs of manufactures. The construction cost per square foot is \$128.64. The facility will include a simulated automated manufacturing center, offering access to advanced manufacturing processes and automated manufacturing technology.

The facility is designed to provide training in rapid prototyping, process controls, electronics, and robotics. The key focus of the project is to provide simulation facilities that will link engineering to manufacturing technology. Rapid prototyping capabilities will assist manufacturers in being first to market with new products. Quality control, lean manufacturing, robotics, and fluid power technology area a sample of the training offerings in this facility.

*E&G Deferred Maintenance Reduction:*

*None – New Space*

*Annual Operating Costs/Savings:*

*Utilities, security, maintenance, and janitorial services are expected to increase the annual operating costs by \$285,000 in FY2007-08. The additional costs will be absorbed into the existing budget.*

**Recommendation**

Staff recommends approval of this project as proposed, pending approval by the State Board for Technical and Comprehensive Education (SBTCE).

Agenda Item 4  
Finance and Facilities

Information Item

PERMANENT IMPROVEMENT PROJECTS  
APPROVED BY STAFF

Feb-06

Date Appr	Project #	Institution	Project Name	Action Category	Budget	Change	Revised Budget
2/9/2006	9583	The Citadel	Byrd Hall Roof Replacement	decrease budget, close	\$	(11,633)	\$ 183,367
2/9/2006	9788	Clemson	Holtzendorff Hall Exterior Renovations	decrease budget, close	\$	(50,617)	\$ 899,383
2/9/2006	9756	MUSC	Phase I Relocation Project	revise scope			
2/9/2006	9550	Winthrop	Thurmond Auditorium Construction	change source of funds			
2/9/2006	9794	Spartanburg TC	Student Life Building Construction	increase budget	\$	68,965	\$ 7,868,965
2/15/2006	9841	Clemson	Municipal Services Complex A/E	increase budget, revise scope	\$	50,000	\$ 150,000
2/15/2006	9848	Clemson	Maintenance and Stores Lot Repairs	decrease budget, close	\$	(248)	\$ 247,752
2/15/2006	9513	Lander	Math/Science Bldg. Repair	decrease budget, close	\$	(111,371)	\$ 191,813
2/15/2006	9511	Lander	Campus Electronic Communications Infrastructure	increase budget, revise scope	\$	111,371	\$ 1,099,371
2/15/2006	9835	USC-Columbia	Gibbes Green Historic Fac. Renov.	increase budget(Legislative approval of funds - CIB)	\$	3,000,000	\$ 9,900,000
2/15/2006	9838	USC-Columbia	Basketball Arena Construction	decrease budget, change source of funds, close	\$	(14,481)	\$ 57,695,519
2/15/2006	9730	USC-Columbia	Preston Green Development	decrease budget, close	\$	(54,302)	\$ 1,045,698
2/15/2006	New	MUSC	Upgrade/Replace Lighting in Rutledge Tower Parking Garage	establish CPIP	\$	550,000	
2/15/2006	9930	Horry-Geo TC	Building 100 Roofing Renovation	increase budget, revise scope	\$	54,900	\$ 154,900
2/15/2006	New	Tri-County TC	Repairs and Renovations	establish (infrastructure funds)	\$	100,000	
2/16/2006	9831	Clemson	Grad Engineering Ctr Land Acq/Constr	increase budget (10% of total)	\$	2,700,000	\$ 28,803,269
2/16/2006	9521	Lander	Constr. Of New Student Housing Complex	increase budget, change source of funds, revise scope (10% of total)	\$	1,030,000	\$ 15,264,000
2/28/2006	9993	USC-Columbia	Circuit #1 Electrical Distribu. Upgrade	increase budget	\$	177,839	\$ 690,000
2/28/2006	9995	USC-Columbia	Circuit #4 Electrical Distribu. Upgrade	decrease budget, close	\$	(177,839)	\$ 347,161
2/28/2006	9548	Winthrop	Thomson Cafeteria Re-Roofing	increase budget	\$	234,552	\$ 434,552