

Part 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

3

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).

Information Item

PERMANENT IMPROVEMENT PROJECTS
APPROVED BY STAFF

Feb-06

| Date/Appro | Project #/Institution | Project Name | Action/Category | Budget Orig | 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 |