



Dr. Gail Morrison
Interim Executive Director

April 26, 2007

TO: Mr. Daniel Ravenel, Chair, and Members of the Committee on Finance & Facilities
FROM: Ms. Lynn W. Metcalf, Director of Finance, Facilities, & MIS
SUBJECT: Committee Meeting, May 2

A meeting of the Committee is scheduled to be held in the Commission's Conference Room at 2:00 p.m. on Wednesday, May 2. Attached are an agenda and materials for the meeting.

If you have any questions about the materials, please contact me at (803) 737-2265. We look forward to meeting with you on May 2.

Attachments

AGENDA
COMMITTEE ON FINANCE & FACILITIES
MAY 2, 2007
2:00 P.M.
CONFERENCE ROOM
SC COMMISSION ON HIGHER EDUCATION
1333 MAIN STREET, SUITE 200
COLUMBIA, SC 29201

1. Introductions
2. Minutes of April 5 Meeting
3. Interim Capital Projects
 - A.) Clemson University
 - a. Schilletter Dining Hall Convenience Store Addition
-establish project
 - b. Chilled Water System Improvements
-increase budget
 - B.) College of Charleston
 - a. Science Center Construction
-increase budget
 - C.) Francis Marion University
 - a. Center for the Child Construction
-increase budget
 - D.) USC Upstate
 - a. Palmetto Villas Renovations
-establish project
 - b. New Residence Hall Construction
-establish project
4. Comprehensive Permanent Improvement Plans (CPIP)
 - a. Year One Project Approvals
 - b. Year Two Project Requests for Capital Improvement Bond
 - i. Project Scores and Priority Recommendations
 - c. Years Three, Four, and Five Summaries (for information only)
 - d. Approval of CPIP in Concept
5. Other Business
6. Information Items
 - a. List of Staff Approvals for March 2007

MINUTES

SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION
COMMITTEE ON FINANCE AND FACILITIES

APRIL 5, 2007

9:00 A.M.

CHE CONFERENCE ROOM

Committee Members Present

Dr. Louis Lynn
Mr. Jim Sanders
Mr. Dan Ravenel
Mr. Ken Wingate
Mr. Neal Workman

Mr. John Malmrose
Ms. Beth McInnis
Ms. Diane Newton
Ms. Jennifer Pearce
Mr. Howie Roesch
Mr. Charles Shawver
Col. Don Tomasik
Mr. Bob Wells

Committee Members Absent

Dr. Doug Forbes

Guests Present

Ms. Christine Smalls Brown
Ms. Kathy Coleman
Ms. Donna Collins
Mr. Walter Hardin
Mr. Craig Hess
Mr. Charles Jeffcoat
Mr. Scott Ludlow

Staff Present

Ms. Camille Brown
Ms. Julie Carullo
Mr. Gary Glenn
Ms. Alyson Goff
Ms. Lynn Metcalf
Ms. Nicole Rowland

For the record, notification of the meeting was made to the public as required by the Freedom of Information Act. Mr. Dan Ravenel called the meeting to order at 9:10 a.m. Mr. Gary Glenn introduced the guests in attendance.

The following matters were considered:

I. Approval of Minutes of Meeting on March 1, 2007

Since there were no additions or corrections to the Minutes of the meeting on March 1, the Minutes were approved as written. A motion was then made (Workman), seconded (Lynn), and carried.

II. Consideration of Interim Capital Projects

The following projects were presented and discussed:

a. Clemson University

- 1.) Memorial Stadium West End Zone \$16,026,061 -increase budget, revise scope, change project name

b. Winthrop University

- 1.) Byrnes Auditorium Renovation \$1,000,000 -establish project

Mr. Ravenel asked how long it will be before the final cost of the project is known. Mr. Walter Hardin, from Winthrop University, responded the money will be used to renovate the stage lighting, sound system, a pit fill for the orchestra area, and a sound shell for the fly loft. A study conducted of the fly loft showed a renovation will need to be completed to hold a bigger sound shell. He stated this is a fraction of what would be needed if the entire building was being renovated. A feasibility study was completed about 10 years ago, and at that time, the total cost of renovation was approximately \$20 million.

- 2.) Ebenezer Avenue Improvements \$6,500,000 -establish project

Mr. Ravenel asked if Ebenezer Avenue was the road that goes beside the institution. Mr. Hardin stated it goes right down the middle of the existing entrance. The plan is to convert Ebenezer into a pedestrian way. The new Student Union Campus Center will be directly behind the West Center. This project will connect the pedestrian way with these buildings.

Dr. Lynn asked why the Department of Transportation was not helping with this project. Mr. Hardin answered that this is a road now but will be converted into a pedestrian way, which will not be vehicular. Ms. Metcalf noted also it is because the road is located on the campus. Mr. Ravenel asked if this is a county or state road. Mr. Hardin answered it is neither, and the institution has not been successful in getting state assistance in the past for funding any roads inside the campus.

- 3.) Thurmond Auditorium Construction \$6,000,000 -increase budget, revise scope

Ms. Metcalf stated the General Assembly allocated \$1 million for this project in the 2005 session.

Mr. Hardin stated the institution is currently in the early site work, and the building is still in design. He noted the scope of the project had changed since its 1999 conception. Due to programmatic and building code changes, the institution is now planning to build a new facility rather than an addition to the current facility.

Mr. Ravenel asked if there will be classes in this auditorium. Mr. Hardin confirmed that the space is strictly for academic use. Mr. Hardin noted there will be a trading floor with real-time

stock market news, international money exchange, and other data. He stated that students will be able to get hands-on business experience which will help South Carolina in a grander scale.

Mr. Sanders asked if the institutional capital project funds (ICPF) were established by the University to use for this type of project. Mr. Hardin confirmed that was correct. Mr. Sanders asked how much is generated per year. Mr. Hardin stated it is \$585 per student per semester. Mr. Hardin stated the institution has been accumulating these funds for four or five years. Mr. Sanders asked what the enrollment was. Mr. Hardin stated the headcount is approximately 6,500 and undergraduate is about 5,000. Ms. Metcalf noted that the ICPF was also used for the West Center and a number of other colleges. Dr. Lynn noted the students paying for these facilities would not get to use them. Mr. Hardin noted they were aware of that fact. Dr. Lynn stated it is always noble when students do that.

c. Tri-County Technical College

1.) Pendleton Campus Expansion \$1,100,000 -establish project

Mr. Workman stated the campus is completely land locked and there is little property for expansion because there is a residential community to the right and a flood plane to the left, which Clemson University owns. Ms. Metcalf stated the Commission encourages institutions to purchase or acquire land adjacent to the campuses to avoid being land locked.

It was moved (Workman), seconded (Wingate), and voted to approve the projects.

IV. Consideration of Institutional Deferred Maintenance Plans for Educational & General Facilities

Ms. Metcalf stated the deferred maintenance plans were a part of the Commission's recommendations for improving the facilities approval process. She thanked Mr. John Malmrose from the Medical University of South Carolina for chairing the subcommittee of the Facilities Advisory Committee that developed the calculation and parameters for the plans. She noted the Facilities Advisory Committee approved the policy. Ms. Metcalf further explained the policy, the calculation method, and the definitions.

Mr. Sanders asked if the plan will show the amount of deferred maintenance to reduce and the amount needed to maintain current facilities. Ms. Metcalf answered yes. Dr. Lynn expressed concerns that this information could be used against the institutions. Ms. Metcalf stated it was a concern of some Advisory Committee members. She stated that institutions would have to continue to justify the need for future projects.

Mr. Sanders thanked those who worked to develop the policy. He suggested a meeting of all stakeholders on this issue to include the House, the Senate, the Governor's Office, Budget & Control Board, State Engineer, institutions, etc. Mr. Ravenel commented the meeting was a good idea.

It was moved (Sanders), seconded (Wingate), and voted to accept the policy.

V. Other Business

Ms. Metcalf noted a list of staff approvals for February 2007 was included for information. She also provided the Committee with some information on the utilization of the University of South Carolina's music hall and dance studio. The information had been requested at the March meeting. Mr. Ravenel noted the item was to be considered by the Commission later today.

With no further business, the meeting was adjourned at 9:55 a.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "Nicole J. Rowland". The signature is written in black ink on a white background.

Nicole J. Rowland
Recorder

**Attachments are not included in this mailing but will be filed with the permanent record of these minutes and are available for review upon request.*

DESCRIPTION OF INTERIM CAPITAL PROJECTS FOR CONSIDERATION

May 2, 2007

Clemson University

| | | |
|--|---------------|--|
| Schilletter Dining Hall – Convenience Store Addition | \$750,000 | -establish project |
| Source of Funds: | \$750,000 | -dining services improvement fund |
| Proposed Budget: | \$525,000 | -exterior building renovations (1,900 GSF) |
| | 100,000 | -site development |
| | 50,000 | -professional services fees |
| | 30,000 | -contingency |
| | 25,000 | -equipment and/or materials |
| | <u>20,000</u> | -labor costs |
| Total: | \$750,000 | |

Description

The University requests approval to establish a project to construct a 1,900 GSF addition to Schilletter Dining Hall. The addition will include the following: a convenience store, take-out sales areas for coffee, pizza, and chicken wings, a food preparation area, a storage area, and all associated mechanical equipment. The dining hall was originally constructed in 1966 with 38,583 GSF. The new construction cost per square foot is \$276.

The contract food supplier for the University completed a marketing study that identified the need to accommodate the student demand for this type of food service facility. Schilletter Dining Hall is located on the east side of the campus in a complex that includes academic buildings and dormitories.

E&G Deferred Maintenance Reduction:

N/A – Auxiliary

Annual Operating Costs/Savings:

Operating and maintenance will require additional operating costs ranging from \$3,000 to \$3,968 in the three years following project completion. The costs will be absorbed into the existing budget.

Recommendation

Staff recommends approval of this project as proposed.

Clemson University

Chilled Water Systems Improvements \$1,800,000 -increase budget
(Previous Budget = \$7,000,000)

Source of Funds: \$ 900,000 -operating funds
500,000 -institutional capital project fund
(ICPF)
400,000 -appropriated State funds

Proposed Budget: \$6,300,000 -new construction (3,600 GSF)
1,000,000 -utilities renovations
600,000 -professional services fees
578,000 -contingency
300,000 -labor costs
20,000 -site development
2,000 -builders risk insurance
Total: \$8,800,000

Description

The University requests approval to increase the budget as bids exceeded the original estimate for the construction and integration of a new chilled water plant to supplement the existing main chilled water loop. The Design Development cost estimate for construction increased due to construction costs.

The project is necessary due to a lack of chilled water capacity and increasing needs for indoor air quality. The new chilled water plant will be approximately 3,600 refrigeration tons using such elements as high-efficiency electric centrifugal chillers, evaporative cooling towers, DDC controls, and variable speed electric centrifugal pumps. The location of the chiller plant component of the project will be the southwest quadrant of campus.

E&G Deferred Maintenance Reduction:

N/A – Infrastructure

Annual Operating Costs/Savings:

Operating, maintenance, and utilities will require additional operating costs ranging from \$151,000 to \$161,000 in the three years following project completion. The costs will be absorbed into the existing budget.

Recommendation

Staff recommends approval of this project as proposed.

College of Charleston

Science Center Construction \$10,000,000 -increase budget
(Previous Budget = \$48,000,000)

Source of Funds: \$10,000,000 -revenue bonds

Proposed Budget: \$45,000,000 -new construction (130,000 GSF)
5,900,000 -professional services fees
2,500,000 -contingency
2,400,000 -equipment and/or materials
2,200,000 -inspections, furniture, fixtures, miscellaneous

Total: \$58,000,000

Description

The College requests approval to increase the budget to reflect updated cost estimates, an increase in architectural and engineering fees, additional technology requirements, fees for a construction advisor and building commissioning, and increased costs to the building's exterior due to review and approval by the Charleston Board of Architectural Review. Additionally, the contingency has been increased in anticipation of a continuing unpredictability in the construction industry.

The project involves the construction of a new biology, chemistry, and biochemistry building to house classrooms, teaching and research laboratories, offices and auxiliary support spaces.

The College received \$4 million in CIB funds for the project in the 2000 bond bill.

E&G Deferred Maintenance Reduction:

N/A – New Construction

Annual Operating Costs/Savings:

Maintenance, operation, and utilities will require additional operating costs of \$876,096 in the three years following project completion. The costs will be absorbed into the existing budget.

Recommendation

Staff recommends approval of this project as proposed.

Francis Marion University

Center for the Child Construction \$1,975,000 -increase budget
(Previous Budget = \$2,000,000)

Source of Funds: \$1,975,000 -maintenance reserve fund

| | | |
|------------------|--------------|--------------------------------|
| Proposed Budget: | \$3,240,000 | -new construction (16,200 GSF) |
| | 270,000 | -professional services fees |
| | 245,000 | -site development |
| | 135,000 | -contingency |
| | 35,000 | -equipment and/or materials |
| | 25,000 | -inspections and testing |
| | 18,000 | -landscaping |
| | <u>7,500</u> | -builders risk insurance |
| Total: | \$3,975,500 | |

Description

The University requests approval to increase the budget to cover additional construction costs and additional square footage. The facility will be approximately 16,200 SF at a construction cost of \$200 per square foot. The Center for the Child is a learning laboratory to support practical application for students in the psychology and education curricula in working with children attending the center. The facility will provide space for administration, instruction, and day care needs and will include offices, classrooms, assessment rooms, conferencing rooms, observation areas, and a food preparation area as well as other rooms to accomplish this initiative.

The General Assembly appropriated \$2 million for the project in FY2005-06.

E&G Deferred Maintenance Reduction:

N/A – New Construction

Annual Operating Costs/Savings:

Academic and support staff, facilities support materials and supplies, and operating utilities will require additional operating costs of \$563,000 in the three years following project completion. The costs will not be absorbed into the existing budget. State appropriated funding through the Mission Resource Requirement (MRR) and Center usage fees will provide for the additional costs.

Recommendation

Staff recommends approval of this project as proposed.

USC Upstate

| | | |
|-----------------------------|----------------|---|
| Palmetto Villas Renovations | \$2,000,000 | -establish project |
| Source of Funds: | \$2,000,000 | -housing revenue bonds |
| Proposed Budget: | \$1,850,000 | -interior building renovations (84,000 GSF) |
| | <u>150,000</u> | -professional services fees |
| Total: | \$2,000,000 | |

Description

The University requests approval to establish a project to renovate Palmetto Villas, a residential apartment complex formerly known as University Commons. The 84,000 SF facility contains 100 units with 376 beds. The renovations will upgrade restroom and living areas with work to include carpet replacement, wall and flooring repairs, painting, fixture and furniture replacement, and other related work. Life safety issues will also be addressed with improvements to smoke and fire detection systems. The renovation cost per square foot is \$22.

E&G Deferred Maintenance Reduction:

N/A – Auxiliary

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.

USC Upstate

| | | |
|---------------------------------|----------------|---------------------------------|
| New Residence Hall Construction | \$21,000,000 | -establish project |
| Source of Funds: | \$21,000,000 | -housing revenue bonds |
| Proposed Budget: | \$20,500,000 | -new construction (105,000 GSF) |
| | <u>500,000</u> | -professional services fess |
| Total: | \$21,000,000 | |

Description

The University requests approval to establish a project for the construction of a new 105,000 GSF residential hall facility adjacent to the Palmetto House residence hall. The facility will house 350 beds in four-bed suites with a combination of private and shared bedrooms. The cost per bed is \$58,570 with a cost of \$195 per square foot. *College Planning & Management’s* “College Housing 2006 Special Report” found in a survey of 46 residence halls currently under construction, the average cost per student was \$56,449 for an average project size of 105,000 sq. ft. The average cost per square foot was \$171.44.

With the addition of the new hall, the University will have approximately 1,100 beds in accordance with the Master Plan to provide housing for 25 percent of the student population. Currently, all existing residential facilities are fully occupied. Without additional housing,

students will continue to rent apartments in the local community and lose a large part of the educational experience provided through on-campus living.

E&G Deferred Maintenance Reduction:

N/A – Auxiliary

Annual Operating Costs/Savings:

Utilities and operations will require additional operating costs of \$700,000 in the three years following project completion. The costs will be absorbed into the existing budget.

Recommendation

Staff recommends approval of this project as proposed.

COMPREHENSIVE PERMANENT IMPROVEMENT PLANS (CPIP)

Each institution responsible for providing and maintaining physical facilities is required to submit a Comprehensive Permanent Improvement Plan (CPIP). Each institution's complete CPIP covers five fiscal years and is submitted to the Commission on Higher Education for consideration each year. The entire CPIP of each college and university is submitted to CHE to review and forward recommendations to the Joint Bond Review Committee and the Budget and Control Board. The Committee's consideration today will be for:

- a. the specific approval of Year One projects;
- b. the approval of the prioritized list for Capital Improvement Bond (CIB) funds to be forwarded to the General Assembly; and
- c. the approval of the entire CPIP (in concept) for submission to the Joint Bond Review Committee and the Budget and Control Board.

The first year of the CPIP (Year 1) includes all permanent improvement projects expected to be implemented with funds already available or expected to be available during the 2007-08 fiscal year. The purpose of year one of the CPIP is to approve at one time each institution's permanent improvement plans for the coming year, except for emergencies and other unanticipated needs. Once these projects are approved by CHE, the institutions may initiate the projects, with staff concurrence, at any time during the coming year as funds become available and if no substantive changes are involved.

The second year of the CPIP (Year 2) includes, but is not limited to, new requests for CIB funds for the 2008-09 fiscal year. These projects are included in summary format. The second year requests for CIB funds have been scored according to CHE criteria. The recommendations will be submitted in the fall as part of the Commission's annual budget request.

The third, fourth, and fifth years of the CPIP represent the institutions' long-term plans and are presented for information only.

2007 CPIP - Year One Summary

Projects Require CHE Approval

| <u>Institution</u> | <u>Project</u> | <u>Estimated Cost</u> | <u>Proposed Source of Funds</u> |
|------------------------|---|-----------------------|----------------------------------|
| Clemson | Parking Structure Design & Construction | \$21,000,000 | Revenue Bonds |
| | Day Care Center Design & Construction | \$2,750,000 | Revenue Bonds |
| MUSC | Deferred Maintenance for 2007-08 | \$10,625,000 | General University Funds |
| USC Columbia | No projects in Year 1 | - | - |
| The Citadel | No projects in Year 1 | - | - |
| Coastal Carolina | Athletic Facilities Training Construction | \$4,545,000 | Gifts, ICPF, & Institution Bonds |
| | Campus Development & Infrastructure | \$2,500,000 | Renovation Reserve |
| | Band Building & Practice Field Purchase | \$500,000 | Renovation Reserve |
| College of Charleston | 72 George Street Renovation | \$1,500,000 | Excess Debt Service |
| | Craig Cafeteria Conversion and Renovation | \$2,000,000 | Excess Debt Service |
| | St. Phillips/George/Coming Street Improvement | \$2,500,000 | Excess Debt Service |
| Francis Marion | No projects in Year 1 | - | - |
| Lander | No projects in Year 1 | - | - |
| SC State | No projects in Year 1 | - | - |
| Winthrop | Byrnes Auditorium Renovation | \$1,000,000 | ICPF |
| | Ebenezer Avenue Street Improvements | \$5,000,000 | ICPF/Institutional Bonds |
| | Center Campus Façade Improvements | \$1,000,000 | Institutional Bonds |
| | Roddey Rear Formal Entry | \$500,000 | Housing Bonds |
| USC Aiken | No projects in Year 1 | - | - |
| USC Beaufort | No projects in Year 1 | - | - |
| USC Upstate | No projects in Year 1 | - | - |
| USC Lancaster | No projects in Year 1 | - | - |
| USC Salkehatchie | No projects in Year 1 | - | - |
| USC Sumter | No projects in Year 1 | - | - |
| USC Union | No projects in Year 1 | - | - |
| Aiken TC | No projects in Year 1 | - | - |
| Central Carolina TC | No projects in Year 1 | - | - |
| Denmark TC | No projects in Year 1 | - | - |
| Florence-Darlington TC | No projects in Year 1 | - | - |
| Greenville TC | No projects in Year 1 | - | - |
| Horry-Georgetown TC | Additional Parking - All Three Campuses | \$1,250,000 | Local |
| Midlands TC | No projects in Year 1 | - | - |
| Northeastern TC | No projects in Year 1 | - | - |
| Orangeburg TC | No projects in Year 1 | - | - |
| Piedmont TC | No projects in Year 1 | - | - |
| Spartanburg CC | No projects in Year 1 | - | - |
| TC of the Lowcountry | Bluff Erosion Control Project | \$680,000 | Capital Fee Project Funds |
| Tri-County TC | Land Purchase - Pickens County (40 acres) | \$1,625,000 | Local |
| Trident TC | Building 200 Renovation | \$1,600,000 | Other - Institutional/Local |
| Williamsburg TC | No projects in Year 1 | - | - |
| York TC | No projects in Year 1 | - | - |

CPIP YEAR ONE DESCRIPTIONS

Below are descriptions of projects expected to be implemented in the upcoming fiscal year (2007-08) with funds already available or with funds expected to become available. Once these projects are approved by CHE, the institutions may initiate the projects, with staff concurrence, at any time during the coming year as funds become available and if no substantive changes are involved.

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Clemson University

| | | |
|---|---------------|---------------------------------|
| Parking Structure Design & Construction | \$21,000,000 | -new construction |
| Source of Funds: | \$21,000,000 | -parking revenue bonds |
| Proposed Budget: | \$17,350,000 | -new construction (390,000 GSF) |
| | 2,000,000 | -contingency |
| | 850,000 | -professional services fees |
| | 750,000 | -site development |
| | <u>50,000</u> | -builders risk insurance |
| Total: | \$21,000,000 | |

Description

The University requests approval to construct a 1,000-space parking garage to meet the need for campus parking due to an increased number of students operating vehicles on campus. The facility will also include office space for parking services and the municipal court. The new construction cost per square foot is \$45.

The proposed parking structure is intended to provide easy access for faculty, staff, and students as well as to provide a significant amount of special event parking. Over the past six years, occupancy rates of existing parking areas have continuously increased. In many cases, the occupancy rates are 80-90 percent even for peripheral parking areas. Capital projects have had an effect on parking availability as many parking areas have been displaced and no surplus is available.

The University is encouraging use of the free mass transit service that the institution and the City of Clemson jointly operate. However, the parking structure is needed in order to fulfill the increasing expectations.

E&G Deferred Maintenance Reduction:

N/A – Auxiliary

Annual Operating Costs/Savings:

Maintenance and utilities will require additional operating costs ranging from \$156,000 to \$175,000 in the three years following project completion. The costs will be absorbed into the existing budget.

Recommendation

Staff recommends approval of this project as proposed.

Clemson University

Day Care Center Design & Construction \$2,750,000 -new construction

Source of Funds: \$2,750,000 -revenue bonds

| | | |
|------------------|--------------|-------------------------------------|
| Proposed Budget: | \$1,450,000 | -new construction (10,000 GSF) |
| | 450,000 | -site development |
| | 353,000 | -contingency |
| | 250,000 | -furniture, fixtures, and equipment |
| | 190,000 | -professional services fees |
| | 30,000 | -labor costs |
| | 20,000 | -landscaping |
| | <u>7,000</u> | -builders risk insurance |
| Total: | \$2,750,000 | |

Description

The University requests approval to design and construct a 10,000 GSF facility to house a day care center located on the perimeter of the main campus. The project will also include associated site work. The new construction cost per square foot is \$145.

During the next three to five years, the University will hire more than 500 new faculty and staff. By 2010, a total of 625 faculty and staff will reach the age of 65 and will be eligible to retire. These retirees will be replaced with younger individuals, many of whom will start their families while at the University or will already have pre-school age children. In addition, the University’s Top 20 vision includes plans for doubling the number of PhD students. Graduate students and post-doctoral fellows usually range in ages 22 to 32. These students will also be caring for infants and pre-school age children which will add to the demand for the day care center.

At one time, child care was readily available in the Clemson community. Today, day care centers are crowded and have long waiting lists. In-home care is no longer easily available. In a recent survey, the number one problem that faculty identified relative to their employment at the University is the lack of child care services.

E&G Deferred Maintenance Reduction:

N/A – Auxiliary

Annual Operating Costs/Savings:

Maintenance and utilities will require additional operating costs ranging from \$38,500 to \$42,000 in the three years following project completion. The costs will not be absorbed into the existing budget but will be funded through the application of user fees.

Recommendation

Staff recommends approval of this project as proposed.

Medical University of South Carolina

Deferred Maintenance 2007-08 \$10,625,000 -deferred maintenance

Source of Funds: \$10,625,000 -general university funds

Proposed Budget: \$ 8,300,000 -other permanent improvements
1,062,500 -professional services fees
1,062,500 -contingency
200,000 -administrative costs

Total: \$10,625,000

Description

The University requests approval to establish a project to address the following deferred maintenance items:

- Campus Buildings Humidity Control Improvements
- Arco Lane Warehouse Roof Repairs & HVAC Replacement
- Psychiatric Hospital Exterior Wall & Window Waterproofing
- Bank Building Demolition & Parking Lot Work
- Thurmond/Gazes Building Air Handler Unit Replacement
- Thurmond/Gazes Building Vacuum System Replacement
- Family Medicine Building HVAC Replacement
- Hollings Cancer Center Fume Hood Exhaust System Upgrades
- Harper Student/Wellness Center Boiler Replacement
- Psych Institute 3rd Floor Main Data Center HVAC Replacement
- Psych Institute 2nd Floor Renovations
- Engineering Office Space Expansion

E&G Deferred Maintenance Reduction:

The project will alleviate a portion of the \$67,653,630 in existing deferred maintenance in these buildings.

Annual Operating Costs/Savings:

The project is expected to result in operation savings; however, it is difficult to quantify the approximate amount.

Recommendation

Staff recommends approval of this project as proposed.

University of South Carolina Columbia

No projects in Year One

The Citadel

No projects in Year One

Coastal Carolina University

Athletic Facilities Training Construction \$4,545,000 -new construction
(Previous Budget = \$6,155,000)

Source of Funds: \$3,000,000 -gift monies
1,300,000 -institution bonds
245,000 -institution capital project funds

Proposed Budget: \$ 7,685,597 -new construction (52,200 GSF)
1,216,839 -stadium seating
1,126,564 -site development
671,000 -professional services fees
Total: \$10,700,000

Description

The University requests approval to increase the budget to construct a weight room, training rooms, classrooms, and study hall space for student athletes as well as coaches' offices at the athletic complex. Currently, the coaching and support staff are located in a remote facility. This will allow for student athletes to study, train, and practice in a more conducive environment.

E&G Deferred Maintenance Reduction:

N/A – New Construction

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

Campus Development/Infrastructure \$5,772,500 -renovation
(Previous Budget = \$3,272,500)

Source of Funds: \$3,400,000 -renovation reserve
2,372,500 -institution bonds

Proposed Budget: \$2,773,500 -site development
1,158,000 -equipment and/or materials
767,500 -landscaping
773,500 -other permanent improvements
300,000 -signage and additional security camera purchases
Total: \$5,772,500

Description

The University requests approval to increase the budget to complete work to relieve some of the safety and security issues and building deterioration. The project will include the following:

- sidewalks on Chanticleer Drive
- sidewalks from Singleton Building and Prince Building to Student Center and the Library
- lighting for intramural fields
- signage and landscaping at Hwy. 544 entrance
- irrigation installed at Wheelwright Auditorium, Kearns Hall, and Atheneum Building
- landscaping at the Hwy. 501 entrance, Singleton Building, Atheneum Hall, University Place, and Wall Building
- upgrade track facility
- repair wooden bridges on campus
- re-sod soccer and Fowler Farm fields
- purchase and install additional security cameras for the campus

E&G Deferred Maintenance Reduction:

N/A – Site Development/Infrastructure

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

| | | |
|---|-----------|---|
| Band Building & Practice Field Purchase | \$500,000 | -purchase |
| Source of Funds: | \$500,000 | -auxiliary funds |
| Proposed Budget: | \$500,000 | -building purchase (23,100 GSF; 4 acres land) |
| Total: | \$500,000 | |

Description

The University requests approval to purchase a facility and adjacent land to provide warehouse/office space for the marching band. The facility is a pre-engineered building on a slab located off Highway 501 less than a mile from the campus. A practice field the size of a football field is located adjacent to the facility. The University currently leases the space.

The marching band has 111 members as well as 275 students in various music classes. The facility would house 10 offices for the brass, woodwind, and percussion faculty and support staff and the Office of University Bands. It would also provide a secure area for students' uniforms and equipment. A shuttle service will be provided for the students to attend practice sessions and classes. The University does not have available practice field space for the marching band.

E&G Deferred Maintenance Reduction:
N/A – Land and Building Purchase

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.

College of Charleston

| | | |
|-----------------------------|---------------|--------------------------------|
| 72 George Street Renovation | \$1,500,000 | -renovation |
| Source of Funds: | \$1,500,000 | -excess debt service |
| Proposed Budget: | \$1,135,000 | -interior building renovations |
| | 100,000 | -roofing |
| | 100,000 | -contingency |
| | 85,000 | -professional services fees |
| | <u>80,000</u> | -exterior building renovations |
| Total: | \$1,500,000 | |

Description

The College requests approval to renovate 72 George Street. The facility was constructed in 1837 and has housed faculty offices for the past 30 years. These offices will be shifted and moved as new facilities are completed, giving the College access to the building for much-needed major renovations.

The scope of the work includes new electrical, plumbing, and mechanical systems; restoration of architectural features; new interior finishes, upgrades to the technology infrastructure; a new roof; and the repair and painting of the exterior.

E&G Deferred Maintenance Reduction:
CHE is in the process of updating the building conditions of the campus facilities; therefore, a current deferred maintenance amount is not available. However, the facility is over 100 years old and has not been renovated in more than 30 years. Accordingly, the project is expected to eliminate a significant portion of the facility's deferred maintenance.

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.

College of Charleston

| | | |
|---|---------------|--------------------------------|
| Craig Cafeteria Conversion & Renovation | \$2,000,000 | -renovation |
| Source of Funds: | \$2,000,000 | -excess debt service |
| Proposed Budget: | \$1,700,000 | -interior building renovations |
| | 250,000 | -contingency |
| | <u>50,000</u> | -professional services fees |
| Total: | \$2,000,000 | |

Description

The College requests approval to convert and renovate the current space where Craig Cafeteria is located in order to consolidate its admissions operation. Currently, the admissions office is in four locations throughout the campus. Consolidation will result in a more efficient office. The cafeteria will be relocated to the new George Street Complex in fall 2007. The conversion will require interior reconfiguration, mechanical, electrical, and plumbing upgrades, and interior finishes.

E&G Deferred Maintenance Reduction:

N/A – The space to be renovated is not currently E&G space. However, the renovated space will serve an E&G function.

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.

College of Charleston

| | | |
|---|----------------|-------------------------------|
| St. Philip/George/Coming Streets Improvements | \$2,500,000 | -renovations |
| Source of Funds: | \$2,500,000 | -excess debt service |
| Proposed Budget: | \$ 1,850,000 | -other permanent improvements |
| | 500,000 | -contingency |
| | <u>150,000</u> | -professional services fees |
| Total: | \$ 2,500,000 | |

Description

The project involves narrowing the vehicular lanes on all three streets, widening the sidewalks on St. Philip Street, bricking George Street from St. Philip to Coming Street, installing additional lighting and adding more trees. All site prep, site work and drainage upgrades are included.

E&G Deferred Maintenance Reduction:

N/A - Infrastructure

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.

Francis Marion

No projects in Year One

Lander

No projects in Year One

SC State

No projects in Year One

USC Aiken

No projects in Year One

USC Beaufort

No projects in Year One

USC Upstate

No projects in Year One

Winthrop University

No projects in Year One – *See information item on page 25.*

University of South Carolina Lancaster

No projects in Year One

University of South Carolina Salkehatchie

No projects in Year One

University of South Carolina Sumter

No projects in Year One

University of South Carolina Union

No projects in Year One

Aiken Technical College

No projects in Year One

Central Carolina Technical College

No projects in Year One

Florence-Darlington Technical College

No projects in Year One

Greenville Technical College

No projects in Year One

Horry-Georgetown Technical College

Additional Parking – All Three Campuses \$1,250,000 -site development

Source of Funds: \$1,250,000 -local funds

Proposed Budget: \$1,250,000 -site development

Description

The College requests approval to expand its parking by 200 spaces on its Conway and Grand Strand campuses and 100 spaces on the Georgetown campus. With an estimated 5,500 students at these campuses, there is a need for additional parking spaces. The College owns sufficient land on all three campuses to develop parking spaces.

E&G Deferred Maintenance Reduction:

N/A – Site Development

Annual Operating Costs/Savings:

Utilities will require additional operating costs of \$7,500 in the three years following project completion. The costs will be absorbed into the existing budget.

Recommendation

Staff recommends approval of this project as proposed.

Midlands Technical College

No projects in Year One

Northeastern Technical College

No projects in Year One

Orangeburg-Calhoun Technical College

No projects in Year One

Piedmont Technical College

No projects in Year One

Spartanburg Community College

No projects in Year One

Technical College of the Lowcountry

| | | |
|-----------------------|---------------|-----------------------------|
| Bluff Erosion Control | \$680,000 | -site development |
| Source of Funds: | \$680,000 | -capital fee project funds |
| Proposed Budget: | \$600,000 | -site development |
| | <u>80,000</u> | -professional services fees |
| Total: | \$680,000 | |

Description

The College requests approval to establish an erosion control project for the shoreline of the Beaufort River to protect three of the College’s buildings and two adjacent parking lots from further erosion. The project will include construction of a break water wall along approximately 1,500 feet of the Beaufort River Bluff which forms the eastern boundary of the College’s Beaufort campus. The wall will be backfilled with rock to stabilize erosion along the shoreline and also establish a protective boundary against damage from a major storm.

E&G Deferred Maintenance Reduction:

N/A – Site Development

Annual Operating Costs/Savings:

The project is expected to generate operation savings ranging from \$3,000 to \$10,000 in the two years following project completion.

Recommendation

Staff recommends approval of this project as proposed.

Tri-County Technical College

| | | |
|------------------|-------------|----------------|
| Land – 40 Acres | \$1,625,000 | -land purchase |
| Source of Funds: | \$1,625,000 | -local funds |
| Proposed Budget: | \$1,625,000 | -land purchase |

Description

The College requests approval to purchase 40 acres of land to allow a branch campus in Pickens County. The land would position the College for enrollment growth in the next 10 years. Instructional space and parking capacity has been reached at the main campus. In the past six years, headcount enrollment has increased 22 percent and is projected to increase another 15 percent by 2010-11. The land purchase will allow the College to provide services to the residents of Pickens County and meet the business and industry needs of the county.

E&G Deferred Maintenance Reduction:

N/A – Land Purchase

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.

Trident Technical College

No projects in Year One

Williamsburg Technical College

No projects in Year One

York Technical College

No projects in Year One

FOR INFORMATION ONLY

The Committee previously approved the following three projects from Winthrop University through the interim approval process on April 5, 2007. The Commission is scheduled to review the project at its May 3 meeting. The University included the project in its CPIP in order to illustrate appropriate planning.

Winthrop University

| | | |
|------------------------------|--------------|---|
| Byrnes Auditorium Renovation | \$1,000,000 | -renovation |
| Source of Funds: | \$1,000,000 | -institutional capital project fund |
| Proposed Budget: | \$ 889,000 | -interior building renovations (59,512 GSF) |
| | 100,000 | -professional services fees |
| | 10,000 | -contingency |
| | <u>1,000</u> | -bond issue costs |
| Total: | \$1,000,000 | |

Description

The University requests approval to establish a project for renovations and repairs to the 1939 Byrnes Auditorium. All wiring, lighting, sound, lights, and electrical systems are 1939 vintage. These systems need to be modernized to current performance standards.

The project includes installing a pit fill unit which will permit the stage area to be enlarged when needed; a sound shell; installation of acoustic panels in the audience chamber; reworking some of the piping and electrical in the fly loft, new performance lights with service platform, and a new sound system with control booth. The renovation cost per square foot is \$15.

E&G Deferred Maintenance Reduction:

The project will alleviate a portion of the \$1,253,612 in existing deferred maintenance in the building.

Annual Operating Costs/Savings:

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

Winthrop University

| | | |
|-------------------------------------|--------------|--------------------------------------|
| Ebenezer Avenue Street Improvements | \$5,000,000 | -site development |
| Source of Funds: | \$5,000,000 | - institutional capital project fund |
| Proposed Budget: | \$3,695,000 | -site development |
| | 1,000,000 | -utilities renovations |
| | 150,000 | -contingency |
| | 100,000 | -landscaping |
| | 50,000 | -professional services fees |
| | <u>5,000</u> | -bond issue costs |
| Total: | \$5,000,000 | |

Description

The University requests approval to establish a project for conversion of vehicular traffic areas in the core campus to pedestrian focus and circulation along Ebenezer Avenue. The project includes conversion of a roadway to a plaza, a former building site into green space, relocating and repairing/replacing deteriorated utility lines, adding paved pedestrian walkways, street lights, storm drainage improvements, and creating areas to showcase and display student performances and art.

The University’s Master Plan calls for growth of the University to move westward which will change what is presently the back of the campus into the center core of the campus. Movement in this direction is already underway with the improvements to Alumni Drive, the construction of the Lois Rhame West Center, and the new Campus Center which is scheduled to begin construction in a few months.

E&G Deferred Maintenance Reduction:

N/A – Site Development

Annual Operating Costs/Savings:

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

Winthrop University

| | | |
|-----------------------------------|--------------|-------------------------------------|
| Center Campus Façade Improvements | \$1,000,000 | -site development |
| Source of Funds: | \$1,000,000 | -institutional capital project fund |
| Proposed Budget: | \$ 989,000 | -exterior building renovations |
| | 10,000 | -professional services fees |
| | <u>1,000</u> | -contingency |
| Total: | \$1,000,000 | |

Description

The University requests approval to establish a project for the conversion of the back portion of campus buildings facing Ebenezer Avenue into more attractive façades. The project scope includes window replacements, the opening of currently enclosed breezeways, and other exterior cosmetic improvements.

E&G Deferred Maintenance Reduction:

N/A – Site Development

Annual Operating Costs/Savings:

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

CAPITAL IMPROVEMENT BOND REQUESTS
SCORES AND PRIORITIES

There are 70 requests for Capital Improvement Bonds (CIB) in Year 2 (2008-09) of the Comprehensive Permanent Improvement Plan (CPIP). All projects have met the approval criteria for capital funding requests with the exception of Greenville Technical College's Wellness Center (as noted in the project summary). CHE staff scored and prioritized requests according to application guidelines.

The statewide prioritized list for CIB funding in FY2008-09 follows with project descriptions.

SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION

Statewide Ranking of Requests for 2008-09¹

Staff Recommendation as part of FY2008-09 Budget Request

| Rank | Institution | Project Name | Project Type | CIB Funds Requested | Total Points |
|-------------|--------------------------------------|--|------------------------|----------------------------|---------------------|
| 1 | Medical University of South Carolina | College of Dental Medicine Building | New Construction | \$27,700,000 | 203.00 |
| 1 | USC Columbia | School of Law New Building Construction | Replacement Building | \$20,000,000 | 203.00 |
| 2 | College of Charleston | Expansion & Renovation of Science Facilities | Renovation/Expansion | \$53,499,001 | 190.50 |
| 3 | Midlands Technical College | Northeast Classroom/Engineering Facility | New Construction | \$20,000,000 | 187.50 |
| 4 | Medical University of South Carolina | College of Pharmacy Building | New Construction | \$33,000,000 | 179.67 |
| 5 | Piedmont Technical College | Nursing/Health Science Building Renovations (Health [Bldg. H], Science [S], Utility [J]) | Renovation | \$11,004,800 | 179.00 |
| 6 | USC Columbia | Gibbes Green Historic Facilities Renovations (LeConte/Petigru Infrastructure) | Replacement Building | \$20,000,000 | 178.67 |
| 7 | USC Upstate | Information Resource Center Construction | Renovation/Replacement | \$17,800,000 | 178.17 |
| 8 | The Citadel | Daniel Library | Renovation/Expansion | \$17,200,000 | 175.34 |
| 9 | Piedmont Technical College | Saluda County Center | New Construction | \$1,500,000 | 175.16 |
| 10 | Aiken Technical College | Industrial Technology Building | Replacement Building | \$9,489,367 | 174.50 |
| 11 | USC Upstate | Classroom & Student Support Building Repairs & Renovations | Renovations/Repairs | \$5,300,000 | 171.34 |
| 12 | Winthrop University | Library Replacement | Replacement Building | \$35,000,000 | 169.67 |
| 13 | USC Sumter | Instructional Laboratories Building | Replacement Building | \$13,825,000 | 167.68 |
| 14 | USC Beaufort | Performing Arts Center Renovation | Renovation | \$3,876,434 | 165.33 |
| 15 | The Citadel | Capers Hall Replacement | Renovation/Replacement | \$30,400,000 | 162.84 |
| 16 | Piedmont Technical College | Main Campus Business Industrial Technology Center | New Construction | \$8,917,440 | 161.50 |
| 17 | York Technical College | Allied Health Classroom & Laboratory Building | New Construction | \$11,520,000 | 160.67 |
| 18 | College of Charleston | Psychology Classroom/Laboratory Building | New Construction | \$8,000,000 | 160.50 |
| 18 | Trident Technical College | Nursing/Science/Math Building New Construction | New Construction | \$20,880,000 | 160.50 |
| 19 | Lander University | Critical Maintenance, Infrastructure, & Accessibility | Deferred Maintenance | \$6,037,000 | 159.34 |
| 20 | Technical College of the Lowcountry | Building 6 & 8 Renovations | Renovation | \$2,350,000 | 159.17 |
| 21 | SC State University | Whittaker Library Expansions & Renovations | Renovation/Expansion | \$23,547,744 | 158.84 |
| 22 | Medical University of South Carolina | Deferred Maintenance for 2008-09 | Deferred Maintenance | \$18,963,000 | 155.84 |
| 23 | Coastal Carolina University | R. Catcart Smith Science Center | Renovation | \$45,000,000 | 154.17 |
| 24 | Clemson University | Air Quality & Critical Deferred Maintenance | Deferred Maintenance | \$10,000,000 | 154.00 |
| 25 | Clemson University | Chemistry - Hunter Hall Addition | Renovation | \$30,000,000 | 152.34 |
| 26 | USC Salkehatchie | Allendale Facilities Upgrades | Renovation | \$1,700,000 | 152.17 |
| 27 | Technical College of the Lowcountry | Buildings 15 & 16 Renovations | Renovation | \$2,751,300 | 151.67 |
| 28 | USC Lancaster | Campus Renovations | Renovations/Repairs | \$4,110,000 | 149.34 |
| 29 | Orangeburg-Calhoun Technical College | Automotive Training & Transportation Center | New Construction | \$2,800,000 | 146.50 |
| 30 | Greenville Technical College | Greer (G3) Classroom Building Construction | New Construction | \$4,396,000 | 144.50 |
| 31 | Clemson University | Information Technology Facility Construction | New Construction | \$20,000,000 | 142.17 |
| 31 | Williamsburg Technical College | Technology Building | New Construction | \$7,500,000 | 142.17 |
| 32 | Central Carolina Technical College | Health Sciences Building | New Construction | \$9,557,460 | 141.00 |

SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION

Statewide Ranking of Requests for 2008-09¹

Staff Recommendation as part of FY2008-09 Budget Request

| Rank | Institution | Project Name | Project Type | CIB Funds Requested | Total Points |
|--------------------|---------------------------------------|--|------------------------|----------------------------|---------------------|
| 33 | USC Salkehatchie | Walterboro Classroom Building Renovation & New Science Labs | Renovation/Replacement | \$2,540,676 | 139.34 |
| 34 | USC Salkehatchie | Technology Center Construction | New Construction | \$11,720,334 | 135.67 |
| 35 | Lander University | New University Center Construction | Renovation/Replacement | \$20,000,000 | 135.34 |
| 36 | Florence-Darlington Technical College | Manufacturing Incubator Center | New Construction | \$4,144,800 | 133.67 |
| 37 | Francis Marion University | School of Education/School of Business Building Construction | New Construction | \$15,250,000 | 132.34 |
| 38 | Lander University | Jackson Library Renovation | Renovation | \$7,250,000 | 130.00 |
| 39 | Horry-Georgetown Technical College | Renovation/Expansion of Building 300 | Renovation/Expansion | \$6,000,000 | 129.33 |
| 39 | Horry-Georgetown Technical College | Renovation/Expansion of Building 400 | Renovation/Expansion | \$6,000,000 | 129.33 |
| 40 | Technical College of the Lowcountry | New River Technology Building | New Construction | \$12,720,000 | 127.67 |
| 41 | Tri-County Technical College | Classroom Building (Pickens County - Easley) | New Construction | \$9,040,000 | 127.33 |
| 42 | USC Union | Facility Upgrades | Renovation | \$700,000 | 126.34 |
| 43 | USC Aiken | New Academic Center | New Construction | \$13,700,000 | 125.84 |
| 44 | USC Beaufort | South Campus Classroom Building Construction | New Construction | \$10,853,904 | 121.84 |
| 45 | USC Beaufort | Science & Technology Second Floor Completion | Completion | \$3,886,022 | 121.83 |
| 46 | The Citadel | Deferred Maintenance - Phase II | Deferred Maintenance | \$2,530,000 | 120.50 |
| 47 | Florence-Darlington Technical College | Building 600 Automotive/Auto Body Program Expansion | Expansion | \$2,880,000 | 119.83 |
| 48 | Greenville Technical College | Renovate Second Floor ARC for Classrooms | Renovation | \$6,813,119 | 119.34 |
| 49 | Spartanburg Community College | Academic/Library Building Construction - Phase II | New Construction | \$9,900,000 | 117.84 |
| 50 | Northeastern Technical College | Campus Expansions/Renovations (Dillon Campus) | Renovation/Expansion | \$1,000,000 | 116.83 |
| 51 | USC Sumter | Deferred Maintenance Items | Deferred Maintenance | \$1,450,000 | 116.50 |
| 51 | USC Upstate | Deferred Maintenance | Deferred Maintenance | \$3,200,000 | 116.50 |
| 52 | Spartanburg Community College | West Building Renovation including HVAC System | Renovation | \$6,200,000 | 113.00 |
| 53 | SC State University | Turner Hall D-Wing Demolition & New Construction | New Construction | \$14,350,000 | 101.00 |
| 54 | Aiken Technical College | Nursing Building | New Construction | \$5,859,600 | 94.83 |
| 54 | Central Carolina Technical College | Kershaw-Lee Campus Construction | New Construction | \$14,892,629 | 94.83 |
| 55 | USC Upstate | Media Building & Nursing Building Renovation | Renovation | \$3,200,000 | 92.50 |
| 56 | USC Aiken | Etherredge Center Classroom Additions | New Construction | \$6,800,000 | 79.00 |
| 56 | USC Beaufort | Library Second Floor Upfit | Addition | \$3,525,160 | 79.00 |
| 56 | USC Union | Campus Site Development | New Construction | \$1,000,000 | 79.00 |
| 57 | College of Charleston | Dixie Development - Phase II | Renovation | \$15,000,000 | 78.50 |
| 58 | USC Union | Classroom/Lab/Learning Resource Center Construction | Development | \$6,000,000 | 76.34 |
| 59 | Florence-Darlington Technical College | Math Hub Renovation (Building 7000) | New Construction | \$2,253,991 | 71.00 |
| 60 | USC Lancaster | Classroom Building Construction | Renovation | \$5,040,000 | 68.50 |
| 61 | Denmark Technical College | Academic Support Center | Development | \$4,800,000 | 46.50 |
| 61 | USC Aiken | Building B&E Renovations | New Construction | \$1,500,000 | 46.50 |
| GRAND TOTAL | | | | \$799,624,781 | |

¹Statewide priority list contains 70 projects.

Note: First priorities indicated with an asterisk (*).

CPIP YEAR TWO DESCRIPTIONS

Below are descriptions of projects Capital Improvement Bond (CIB) funding has been requested for FY2008-09. The amount of CIB funding currently being requested is in **bold**. Other sources of funds (if any) are listed as well.

.....

Clemson University

Information Technology Facility \$20,000,000 -new construction
Construction

Source of Funds: **\$20,000,000 -CIB funds**

Description

An Information Technology facility of approximately 50,000 GSF will be constructed to provide new space and centralize activities for the Division of Computing and Information Technology (DCIT). The facility will also establish a new center for high performance computing as well as provide collaborative environments to support teaching, learning, and research on campus. The facility will also include faculty and staff offices, computer labs, and associated spaces. In following the institution's Sustainable Building Policy, the facility will be LEED certified at the silver level. The facility will be located south of the Robert Muldrow Cooper library within the Center of Centers Precinct. This location is at the center of the academic core, adjacent to the library, and the site of the Academic Success Center. This will further support the facility's goal to promote collaboration and intellectual interaction.

Clemson University

Chemistry – Hunter Hall Addition \$30,000,000 -new construction
Design & Construction

Source of Funds: **\$30,000,000 -CIB funds**

Description

The project is a 90,000 GSF addition to the Hunter Hall building for the Chemistry Department. The research wing on the west side of Hunter Lab will support the chemistry department in realizing its potential as a nationally-recognized research and teaching program. The projected growth of the Chemistry department exceeds the capacity of the existing facility and further exacerbates its current deficiencies.

The proposed four-story, 90,000 GSF addition will not only accommodate the growth needs, but it will offer more flexible generic research laboratories, a central instrument core, and social spaces. The addition will also provide the necessary swing space for the renovation of Hunter Hall which will need to be done in the foreseeable future. As part of the renovation, the plan proposes roofing over the gap between Hunter Hall and Hunter Auditorium to create a more generous entry lobby and better integrate the auditorium into the new complex.

Clemson University

Air Quality Deficiencies & Critical Deferred Maintenance \$10,000,000 -deferred maintenance

Source of Funds: **\$10,000,000 -CIB funds**

Description

The project is for the first phase of a proposed five-phase project to address the following HVAC and IAQ issues:

- To improve inadequate fresh air and exhaust systems in laboratory buildings: renovate or replace fume hood systems in Earle Hall, Rhodes Engineering Research Center, Olin Hall and Kinard Laboratory of Physics; add make-up air; upgrade exhaust fans; install exhaust stacks.
- To improve poor indoor air quality caused by inadequate HVAC systems: upgrade Cooper Library HVAC system, improve air distribution, supply sufficient fresh air and correct humidity problems that threaten library collections. [Update: the Library project has been partially funded internally – the next projects on the list include \$1.5M Daniel Hall (classroom building) upgrade for new Air Handling Units, ductwork and controls, \$2.5M Rhodes Hall phase II, replace HVAC system, \$2.4M Earle Hall add outside air, humidity control, mechanical upgrade, and \$1.3M Holtzendorff outside air, humidity control, mechanical upgrade].

The Critical Deferred Maintenance Plan consists of numerous components other than those resulting from outmoded HVAC systems. These projects address safety issues, utility infrastructure replacements and improvement, and building envelope stabilization as follows:

- Safety: upgrade emergency power and lighting; install eye wash/emergency showers.
- Utility infrastructure: address major storm water erosions that are threatening to undermine roads and utilities and improve conditions for water quality and percolation; replace steam lines and electrical distribution cable.
- Building envelope: replace Freeman, Cook, and Godfrey Hall roofs.

The Poole Agriculture and Science Building also requires another major phase of HVAC work to address IAQ issues and lab exhaust issues. Lee Hall, Riggs Hall, Daniel Hall, Rhodes Hall, Earle Hall, Hunter Hall, Sikes Hall, Edwards Hall, and others are also on the priority list for IAQ/HVAC projects.

In total, the backlog in this work is over \$46 million. The Critical Deferred Maintenance Plan consists of numerous components other than those resulting from outmoded HVAC systems. Without immediate attention, utility systems and buildings will continue to deteriorate, and repair costs will escalate.

Medical University of South Carolina

College of Dental Medicine Building Construction \$51,000,000 -new construction

Source of Funds: \$27,700,000 -CIB funds
6,300,000 -previous allocation of CIB funds
7,000,000 -State appropriations
10,000,000 -private funds

Description

The project is to construct a 107,000 GSF facility to house the clinical and research activities of the College of Dental Medicine. The new building will consist of a lobby-reception area, cashier, clinical records, clinical practice and teaching areas, operating suites, central sterilization, supplies/dispensing, maintenance shop, and mechanical/electrical areas. The College will continue to maintain faculty and administrative support offices, student services areas, and general lecture halls in its existing space within the Basic Science Building.

The General Assembly allocated \$6.3 million for the project in the 2000 bond bill and \$7 million in the 2006 general appropriations act. The University has \$10 million in private funds pledged for the project.

Medical University of South Carolina

Deferred Maintenance 2008-09 \$18,963,000 -deferred maintenance

Source of Funds: \$18,963,000 -CIB funds

Description

The project is to initiate a long-term program designed to reduce existing deferred maintenance to a manageable level. The following is an itemized list of proposed projects for plan year 2008-09:

- Public Safety Building Communications Relocation
Paint Shop Roof Replacement - \$12,000
CSB Relocation of Fuel Pumps, Extend Tank Vents & Seal Fill Caps
Walton Research Building Roof Replacement
Quad F Building Cooling Tower #2 Replacement
CSB Air Handlers #1-4 Replacement
CSB 1st Floor AC/AH (Trane) Replacement
CSB Chiller #1 & #2 Replacement
CSB 1st Floor AC/AH Replacement
CSB Air Handler #7 Replacement
CSB Hot Water Reheat Floors 6 & 7
CSB Hot Water Reheat Floors 8 & 9
BSB Vacuum Pump Replacement
Psych. Institute Rooms Hot Water Reheat Repairs
BSB Strip & Reseal of West Penthouse Floor
Campus Elevator Upgrade Phase III
College of Nursing Crawl Space Mechanical & Plumbing Repairs
BSB Roof Drain Replacement
BSB Hot Water Riser Replacement
Baruch Auditorium Front Steps

- Campus Horseshoe Walkways and Drainage Repairs
- Psych. Institute Switchgear Replacement
- Campus-wide Signage Standardization
- Thurmond/Gazes Research Building Envelope Repairs for Floors 1-8

Medical University of South Carolina

College of Pharmacy Building Construction \$33,000,000 -new construction

Source of Funds: **\$33,000,000 -CIB funds**

Description

The project is to construct an 83,000 GSF facility to house the academic, clinical, and research needs of the College of Pharmacy. The current space is a woefully deficient environment for pharmacy instruction. Further, consolidation of the state’s two pharmacy schools requires an increase in size for some lecture rooms and teaching laboratories.

A feasibility study was completed in February 2007 that examined the College’s growth, curriculum, and facility space requirements. The study noted that the best site location for this new building would be on the campus G Lot situated northwest to the proposed Drug Discovery Building and directly north of the proposed Bioengineering Building.

The new building for the College will be comprised of a lobby-reception area, lecture halls and classrooms, teaching laboratories, clinical practice and teaching areas, research labs, administrative/faculty offices and support, building support, and much-needed student life areas. Additional instructional and research space will be accommodated in the proposed Drug Discovery Building. Approximately 5,000 square feet of offices will need to be retained in the existing College space until a future new academic building is constructed in the campus G Lot.

University of South Carolina Columbia

School of Law New Building Construction \$55,000,000 -new construction

Source of Funds: **\$20,000,000 -CIB funds**
 35,000,000 -private funds

Description

The project is to construct a 220,000 GSF facility for the School of Law. The building will accommodate a program with an enrollment of 650-700 students. The proposed new facility will be located on property owned by the University in the block bordered by Senate, Bull, Gervais, and Pickens Streets. The project is currently in the design development stage and cannot proceed until full funding is available.

An adequate building suited to the technological and instructional needs of law students is essential. The University’s School of Law is the only fully-accredited public legal education program in the state. The condition of the current facility has been noted by the school’s accreditation agency as a matter of continuing concern. Constructed in the early 1970s, the

building contains asbestos which makes repairs and renovations to accommodate the school's changing educational needs prohibitively expensive.

University of South Carolina Columbia

Gibbes Green Historical Facilities \$24,100,000 -renovations
Renovations (LeConte/Petigru/
Infrastructure)

Source of Funds: **\$20,000,000 -CIB funds**
 4,100,000 -institutional funds

Description

The project is to renovate the Gibbes Green facilities which will include LeConte, Petigru, Barnwell, and Hamilton. Project work will include upgrading outdated mechanical, plumbing, and electrical systems as well as modifications required to meet current life safety codes; repair and protect the building envelope including calking, reglazing, roofing, painting, and waterproofing. Interior modifications will also be made to accommodate the programmatic needs of the academic unit that is to occupy the facilities.

The project scope will also include infrastructure improvements to Gibbes Green including relocation of electrical vaults and manholes, relocation of steam and chilled water lines, and relocation and upgrading of communication lines.

LeConte College will be the first facility to be renovated. Total renovations of the facility will resolve \$8,195,136 in maintenance needs identified in a comprehensive facility condition analysis conducted in 2004 by ISES. The project will be phased over multiple years as funding becomes available. The total projected cost of the project is \$63,800,000.

The Citadel

Capers Hall Replacement \$30,400,000 -replacement building

Source of Funds: **\$30,400,000 -CIB funds**

Description

The project is to construct an 85,000 GSF building to replace the current facility known as Capers Hall. The current facility was constructed in 1949 with a wing added in 1977. Capers Hall is the institution's most utilized classroom facility and has been a top replacement priority for several years. The proposed new facility is approximately 10,000 GSF larger to accommodate current building code requirements and satisfy space requirements for new programs. Current activities located in the facility include the Political Science, History, English, Education, Psychology, and Modern Language Departments.

The building is critical to the conduct of both day and evening programs and is essential for the institution to impact the economic development of the region through its professional development courses of instruction.

The Citadel

Daniel Library Improvements \$17,200,000 -new construction, renovations

Source of Funds: \$17,200,000 -CIB funds

Description

The project is to renovate the existing facility and construct a large addition which will correct building deficiencies. The current library was constructed in 1960 and encompasses approximately 34,000 square feet of usable space. The facility is equipped with systems and technology that are over 40 years old. The building size and functions are not adequate for proper operation. Mechanical, electrical, plumbing, and life safety systems are antiquated and do not meet current building code requirements.

The proposed extension of the library would add 26,000 GSF to the facility. Currently, the library does not meet the minimum space standards outlined by the Association of College and Research Libraries. An evaluation of the library was conducted by an independent library consultant in 1996. A wide array of problems were identified: inadequate shelving, insufficient meeting rooms, cramped work areas, lack of audio-visual facilities, cramped instructional space, and poor lighting.

The Citadel

Deferred Maintenance \$2,530,000 -deferred maintenance

Source of Funds: \$2,530,000 -CIB funds

Description

The project is to replace failing roofs, building envelopes, and mechanical systems in campus buildings. The work has been identified as part of an update to the 1994 Deferred Maintenance Analysis completed by CHE and the Budget & Control Board. The institutions' deferred maintenance estimate for all buildings is currently \$27.7 million.

The project is needed to correct serious building deficiencies which include leaking roofs and building envelopes; faulty heating, air conditioning, and ventilating systems. These items will correct building indoor air quality and building/safety code deficiencies which will result in energy savings. Asbestos abatement work would be performed as a part of this project.

Coastal Carolina University

R. Cathcart Smith Science Center \$47,000,000 -new construction, renovation
Addition & Renovation

Source of Funds: \$47,000,000 -CIB funds

Description

The project is to construct approximately 137,000 GSF of new laboratory and classroom space and renovate the existing 42,000 GSF in the Smith Science Center. The proposed addition will

consist of 33 classrooms, lecture halls, seminar rooms, and teaching laboratories. Existing classrooms and laboratories will be modernized to address up-to-date health and safety codes.

The current facility was constructed in 1980 when the College of Natural and Applied Sciences' student population was much smaller. The science programs continue to grow in enrollment, student quality, and reputation. The conversion of a warehouse into classrooms, laboratories, and faculty offices relieved some of the demand from enrollment growth. However, the ongoing demands for bringing the infrastructure and instructional equipment up to current standards continue to stretch resources. The University's percentage of science graduates is one and a half times the national average of graduates in the sciences at institutions of similar curriculum offerings (excluding engineering).

College of Charleston

Expansion & Renovation of Science Facilities \$68,000,000 -new construction, renovations

Source of Funds: **\$53,499,001 -CIB funds**
 10,500,999 -federal funds
 4,000,000 -previous allocation of CIB funds

Description

The project is to construct a new biology, chemistry, and biochemistry building to house classrooms, teaching and research laboratories, offices and auxiliary support spaces, and the repair and renovation of the existing Science Center to accommodate geology, physics, and perhaps computer science and/or mathematics. A Science Facilities Master Plan was completed by Lord, Aeck & Sargent in 2000. The College hired the architectural firm Ballinger to review the program and begin conceptual design on the facilities. The programming review is essentially complete and conceptual design continues.

College of Charleston

Psychology Classroom/Laboratory Building \$8,000,000 -new construction

Source of Funds: **\$8,000,000 -CIB funds**

Description

The project is to construct a classroom/laboratory building at 45 Coming Street for the Psychology Department. The building would be a three-story, 21,000 GSF facility. The program equates to 11,980 net square feet of teaching and research labs, lab support and a central Animal Care facility.

College of Charleston

Dixie Development – Phase II \$15,000,000 -new construction

Source of Funds: \$15,000,000 -CIB funds

Description

The project is to complete phase two of the three-phase Dixie Plantation project which will include constructing 22,000 GSF of academic space in 11 facilities and constructing 17,800 GSF of residence halls in five facilities. This phase will also include a new road, a gravity sewer system and pump station, and a new water system.

The project will enable the College to use a valuable resource to support a unique learning opportunity for students. The anticipated curriculum would include the natural and environmental sciences, history, and archeology to take advantage of the historical and natural characteristics of the site.

The Plantation is located on 800 acres between the Stono River and Route 162 on property left to the College of Charleston Foundation and leased long-term to the College. Phase One currently is in the design stage and is funded at \$4.5 million. The third phase of the project will not require state funds and will include space for the public.

Francis Marion University

School of Education/School of Business Building Construction \$16,000,000 -new construction

Source of Funds: \$15,250,000 -CIB funds
750,000 -previous allocation of CIB funds

Description

This project is to construct a 61,000 square foot two-story building for the School of Education and the School of Business. The facility will provide 13 classrooms, one distance learning classroom, four computer laboratories, one open computer laboratory, four project rooms, a teaching materials center, 50 faculty offices, two dean’s offices, and various support staff areas.

Architectural and engineering fees were funded previously through the 2000 bond bill.

Lander University

New University Center Construction \$20,000,000 -new construction

Source of Funds: \$20,000,000 -CIB funds

Description

The project is to construct a new facility to serve as the University Center which will replace the current Student Center and consolidate all student support functions. The new facility is fundamental in serving as the most central point for processing the administrative and business needs of the University students. The Center will be constructed as a central building to the

campus core and will house Student Affairs, Career Services, Health Services, Student Activities, Student Counseling, Student Body Government, Campus Bookstore, Campus Post Office, and the Campus Police Department. The facility will also offer amenities to facilitate a wide variety of student social functions and meeting space for student organizations. The Montessori program will be relocated to the facility in order to expand the program. The institution is the only public university in the state offering a program leading to the Montessori certification.

The existing facility was constructed in the late 1970s to serve a student population of approximately 800 students. Today's enrollment of approximately 3,000 students represents an increase of 375 percent. The shortage of operating space is placing a tremendous burden on the service departments.

Lander University

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| Jackson Library Renovation | \$7,250,000 | -renovation |
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| Source of Funds: | \$7,250,000 | -CIB funds |
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Description

The project is to renovate the Jackson Library which was constructed in 1976 and has served the campus without renovation for 30 years. The facility requires a complete renovation to include mechanical systems, lighting retrofits, and interior finishes.

The HVAC system received a new chiller in 2002, but the remainder of the system is inefficient and does not control the space temperature adequately. The current roof system does not have provisions for moisture control under normal operating conditions. Damage to existing periodicals and reference material is evident. A new distribution system with heat and reheat capability combined with modern direct digital controls will provide code compliance as well as comfortable conditioning regardless of the season.

The fire alarm control system will be upgraded to comply with today's life safety codes. The system will be microprocessor-based with addressable devices equipped with manual and automatic initiating with an independent, third-party system monitoring. The most current, efficient lighting will be incorporated in the design and implementation of the upgrade. Interior renovation will bring egress paths up to current building codes, address ADA standards, and provide new carpet, paint, and furnishings.

Lander University

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| Critical Maintenance, Infrastructure, & Accessibility | \$6,037,000 | -deferred maintenance, site development |
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| Source of Funds: | \$6,037,000 | -CIB funds |
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Description

The project is to address critical needs involving facility maintenance, infrastructure, and accessibility. The facility maintenance portion of the project will include:

- exterior structural and brick veneer repairs of Grier Student Center
- repair/ replacement of the roof on the Carnell Learning Center
- replacement and upgrade of the fire alarm system in the Cultural Center.
- repairs to masonry and structural distress of the Student Center
- Learning Center roof system replacement
- Culture Center fire alarms system replacement

The infrastructure portion of the project will include:

- repairs and upgrades to the campus storm water system

The accessibility portion of the project will include:

- automatic door openers on prioritized doors of campus buildings
- accessible restrooms
- repair and construction of sidewalks and ramps as needed to provide a completely accessible ADA compliant campus.

SC State University

Whittaker Library Expansion/Renovations \$24,000,000 -new construction, renovations

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| Source of Funds: | \$23,547,744 | -CIB funds |
| | 402,256 | -education lottery funds |
| | 50,000 | -previously appropriated State funds |

Description

The project is to renovate the existing library and to construct an approximately 30,000 GSF addition. The scope also includes site development to support additional parking and development of a Central Quad and Plaza extension.

The library was constructed in 1969 for a student population of approximately 2,500 students. Current enrollment is approximately 4,500 students and is expected to rise in the next 10 years to 8,000. The library was designed around a system of micro-files, study carrels, and typing rooms which do not meet the current study habits of today's student and the needs of today's technology. In addition, the library has seen a large increase in volumes and periodicals which has entirely consumed existing storage space. The project is to design a facility that will meet the needs of the current student population and allow the University to dramatically improve its research and technology ability, including providing more online access to publications and other scholarly materials and providing technology training and exposure to groups of citizens that would otherwise be denied access.

SC State University

Turner Hall D Wing Demolition & New Construction \$14,350,000 -new construction, demolition

Source of Funds: **\$14,350,000 -CIB funds**

Description

The project is to demolish the existing 38,000 GSF Turner Hall D Wing facility and construct a new 48,000 GSF replacement facility. The building is for instruction in the applied professional sciences and education humanities and social sciences degree programs. More than 30 percent of the student population attend classes in the facility making Turner Hall one of the most utilized facilities on campus.

The facility was constructed in 1956 and no major renovations or upgrades have been completed in over 30 years. There are structural deficiencies, mold and mildew problems as a result of water intrusion, and inadequate fire protection system, asbestos and lead-based paint abatement needs, a deteriorated HVAC, and plumbing and electrical systems need to be addressed.

A new, modern classroom should reduce the overall maintenance and operations cost as well as bolster the EIA Teacher Recruitment effort to attract more minority teachers to the teaching profession and help mitigate the continuing teacher shortage in the state.

USC Aiken

New Academic Center \$13,700,000 -new construction

Source of Funds: **\$13,700,000 -CIB funds**

Description

The project is to construct a 60,000 SF, two-and-a-half story academic building to address critical classroom and office needs for academic programs specifically in the area of humanities, social sciences, and mathematics. The facility will be located between the Science Building and Child Care Center. Approximately 300 new parking spaces will be added and existing power lines and storm water drainage areas would be relocated. Occupants of the new building would include the English and Math Departments, which will free up space for other programs in the Humanities and Social Sciences Building and Penland Building. The new facility will also house an Academic Success Center with teaching and learning labs, tutorial spaces, and academic support offices.

USC Aiken

B&E Building Renovations \$1,500,000 -renovation

Source of Funds: \$1,500,000 -CIB funds

Description

The project is to renovate the B&E gymnasium to increase its usefulness through improvement of the acoustic and lighting quality and adding a moveable partition permitting the space to be subdivided as needed. The project will also address deferred maintenance needs and replace worn material finishes throughout the building.

USC Aiken

Etherredge Center Classroom Additions \$6,800,000 -new construction

Source of Funds: \$6,800,000 -CIB funds

Description

The project is to construct a 22,000 GSF addition to the Etherredge Center to increase the physical plant space and add classrooms, rehearsal space, and offices. The project will address the growing needs of the Visual and Performing Arts programs, in particular Music Education. The number of majors in these programs has increased more than seven percent in the past two years resulting in significant demands for classroom instruction, rehearsals, and music equipment. The need for new faculty is also growing, but currently there is no office space to accommodate new hires.

USC Beaufort

Science & Technology Building Second Floor Upfit \$3,886,022 -renovation

Source of Funds: \$3,886,022 -CIB funds

Description

The project is to complete the second floor of the two-story Science & Technology building which was constructed in 2005. Completion of the project will double the useable floor space to 42,194 square feet. The project scope will include new interior partitions and doors, electrical lighting and power, HVAC, plumbing, casework, acoustical ceilings, and room finishes.

The project will provide academic space for the new Department of Nursing program. The University will enroll first year nursing students for the fall 2007 semester that will need the use of the second floor classrooms and nursing lab areas as rising juniors in fall 2009.

The project also includes roads and parking in the southeast quadrant of the campus to support future athletic field construction and to connect the campus roads around the east side of the campus. Two hundred thirty two parking spaces will be added along with approximately one mile of roadway.

USC Beaufort

Library Second Floor Upfit \$3,525,160 -renovation

Source of Funds: **\$3,525,160 -CIB funds**

Description

The project is to complete the second floor of the two-story library building which was constructed in 2005. Completion of the project will double the useable floor space to 45,306 square feet. The project scope will include new interior partitions and doors, electrical lighting and power, HVAC, plumbing, casework, acoustical ceilings, and room finishes.

The project will enhance distance education, cooperative programs, and graduate education. The scope also includes the roads and parking in the west quadrant of the campus to support increased student population Three hundred ninety three parking spaces will be added along with approximately a quarter mile of roadway.

USC Beaufort

South Campus Classroom Building \$10,853,904 -new construction
Construction

Source of Funds: **\$10,853,904 -CIB funds**

Description

The project is to construct a classroom building consisting of approximately 42,194 GSF to be adjacent to the Science & Technology building on the South Campus. The facility is needed to provide an auditorium and additional classroom space due to the growing student body. The University has experienced a 40 percent enrollment increase over the past six years. The South Campus currently has 12 operational classrooms. However, the growth experienced has created a need to expand the institution's academic facilities to meet the growing student population in the state's fastest growing county.

USC Beaufort

Performing Arts Center Renovation \$3,876,434 -renovation

Source of Funds: **\$3,876,434** **-CIB funds**

Description

The project is to renovate the Performing Arts Center on the main campus in order to bring the facility up to current codes, to make it safe for assembly occupancy, and to provide upgrades to bring teaching facilities in line with current technology. The project will consist of:

- Fire sprinkler system installation
- Emergency generator to replace old battery system
- Wood floor underlayment replacement with new floor coverings
- Window replacement
- Auditorium lighting and sound system upgrades
- Accessibility upgrade to include an elevator
- Information technology upgrade
- Parking lot upgrade

The 39,000 GSF building is a former elementary school, renovated in the late 1980s for use by the institution. The facility has an auditorium seating 473, 12 classrooms, 16 faculty offices, a chemistry lab, a computer lab, and support spaces. The Center serves as the only general classroom facility on the institution's main campus.

USC Upstate

Information Resource Center Construction, \$27,300,000 -new construction, renovation
Repairs, & Renovations

Source of Funds: **\$23,100,000** **-CIB funds**
4,000,000 -private funds
200,000 -institutional capital project funds

Description

The project is to construct a new 91,000 GSF facility to consolidate the library and technology functions in a state-of-the-art facility. The project also addresses serious deficiencies in the Administration Building which houses several classrooms, laboratories, and offices and the Library/Classroom Building. The current library will be converted to classroom and other academic spaces.

The new facility will serve as the information and high technology focus area for the campus and the upstate. Included in the facility are the learning research center (library), information systems center, and curricular support laboratories and facilities. The project corrects a serious library deficiency identified in the University's SACS visit which could impact accreditation.

Architectural and engineering fees were funded previously through the 2000 bond bill.

USC Upstate

Classroom & Student Support Building \$5,500,000 -renovations
Repairs & Renovations

Source of Funds: **\$5,500,000** **-CIB funds**

Description

The project is to renovate the Administration Building and the Library/Classroom Building which house several classrooms, laboratories, and offices to address serious deficiencies. Upon completion of the Information Resource Center, space in the library will be converted to classrooms and other academic space.

The HVAC systems in both facilities will be replaced. The systems are over 35 years old and continuously break down. Parts are no longer available for repairs and must be specially manufactured. An external consultant has confirmed that total replacement of the systems is the most cost-effective solution. Other deferred maintenance items in the facilities will be addressed as a part of this project.

USC Upstate

Deferred Maintenance \$3,200,000 -deferred maintenance

Source of Funds: **\$3,200,000** **-CIB funds**

Description

The project is to correct miscellaneous deferred maintenance items throughout the academic facilities that are not addressed by other projects or through use of internal funds. The project will include making permanent corrections to mechanical, electrical, and plumbing systems. This in turn will allow more effective use of internal funds for day-to-day maintenance needs. The scope also includes the conversion of space in buildings due to the anticipated relocation of the new Health Education Complex while the HVAC and other systems are being addressed.

Most of the institution's facilities are suffering from a lack of maintenance for major issues due to a lack of funds. Virtually all of the internal funds, raised from student fees, have been used over the past few years to replace roofs and make emergency stopgap repairs to mechanical and electrical systems. The 1994 and 2001 deferred maintenance studies and the institution's SACS self study have identified all work to be accomplished. Internal funding is not sufficient to address all of the work that needs to be completed.

USC Upstate

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| Media Building & Nursing Building Renovations | \$3,200,000 | -renovations |
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| Source of Funds: | \$3,200,000 | -CIB funds |
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Description

The project is to renovate space vacated when current academic units relocate as a result of the completion of the Health Education Complex and conversion of the space for new academic units. The School of Business Administration and Economics will relocate from the Media Building to the Nursing Building. Space must be converted from nursing labs and other unique space to fit the requirements of the business school. The School of Education will relocate from the Media Building to the Health Education Complex. The vacated space in the Media Building will be converted for academic use by the College of Arts and Sciences.

Winthrop University

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| Library Replacement | \$35,000,000 | -new construction |
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| Source of Funds: | \$35,000,000 | -CIB funds |
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Description

The project is to construct a new 162,000 SF library to replace the existing facility to provide sufficient square footage for future needs. The library will be located within the campus center core providing more convenient pedestrian access for students, faculty, and visitors.

The current library was constructed in 1967 with a design capacity of 400,000 volumes and was projected to meet the needs of the University until 1975. Today, the facility houses more than 750,000 volumes. The electronic technology expected in a contemporary library has been incorporated into the same square footage. The facility has constant moisture infiltration through the slab with one-third of the current space underground. High humidity and white mold on the collection has been a recurrent problem. Employees continually complain about the health concerns and lack of temperature comfort and control.

University of South Carolina Lancaster

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| Campus Renovations | \$4,110,000 | -renovations |
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| Source of Funds: | \$4,110,000 | -CIB funds |
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Description

The project is to renovate Gregory Health and Wellness Center, Hubbard Hall, and the Dowling Health Services Building in order to address deferred maintenance. Continued deferral of major system renovations will increase the eventual cost of repairs.

Recommendations from an energy audit conducted by the State Energy Office will be implemented. The work will include the replacement or update to HVAC systems in the Wellness Center and the Health Services Building. Other energy conservation measures will be completed. Past inspections by the state Department of Health and Environmental Control (DHEC) have indicated serious concerns in the pool area of the Wellness Center. The project will include the replacement of the pool deck and other immediate needs. In Hubbard Hall, the Stevens Auditorium and other areas will receive carpet replacement, painting, and upgrades to lighting. It is anticipated that some asbestos removal may be required.

University of South Carolina Lancaster

Classroom Building Construction \$5,040,000 -renovations

Source of Funds: **\$5,040,000 -CIB funds**

Description

The project is to construct a 21,900 GSF facility to include 17 classrooms and 12 faculty offices. A parking lot for approximately 200 vehicles will be constructed adjacent to or near the new building. Approximately 77 percent of the total square footage will consist of instructional space; about five percent will be for faculty offices; and 18 percent will be for common space.

The project is needed to meet the growing enrollment demands and enrollment projections. The institution serves a six-county region. Enrollment has increased 17 percent over the previous year and more than 50 percent in the last five years.

University of South Carolina Salkehatchie

Walterboro Classroom Building \$2,540,676 -renovations
 Renovation & New Library Lab
 Construction

Source of Funds: **\$2,540,676 -CIB funds**

Description

The project is to renovate the main classroom building at the Walterboro campus which was constructed in the 1920s. The project will include a new central HVAC and replacement of windows with insulating metal windows which will provide a better thermal envelope for the building. In a similar project at the Allendale campus, the institution realized a 15.8 percent reduction in energy costs. The design of the new windows would be in the historic character of the original windows and would have a low maintenance exterior and interior finish.

The Walterboro science building is a newly-acquired facility which is a 13,000 GSF, single-story metal facility. The project includes the creation of science labs within the building. The only science lab on the campus is located on the second floor of the main classroom building. The equipment and safety features of the lab are over 20 years old and need to be relocated to the science building with modern equipment and features.

University of South Carolina Salkehatchie

Allendale Facilities Upgrades \$1,700,000 -renovations

Source of Funds: \$1,700,000 -CIB funds

Description

The project is to complete multiple upgrades to facilities at the Allendale campus. The classroom building is a two-story building that was constructed in the late 1920s. The project will include a central HVAC which will eliminate through-the-wall units. Electrical upgrades to handle the HVAC system may be necessary. A central system will provide for climate control, ease of maintenance, noise reduction in classrooms, and energy savings.

The project will also include roof replacement on the Learning Resources building and the Science Building. The roof replacements are necessary due to the age of the roofs. Over the past several years, numerous leaks have occurred in these building which disrupts classes. The steel lintels on the windows of the Learning Resources building will also be replaced. These have rusted in part to the leaking roof which has caused the windows to lose a vast amount of their energy-efficient characteristics.

University of South Carolina Salkehatchie

Technology Center Construction \$12,720,334 -renovations

Source of Funds: \$11,720,334 -CIB funds
1,000,000 -private funds

Description

The project is to construct a 50,000 GSF two-story building on existing property on the Allendale campus. The facility will house science laboratories, computer centers, distance education classrooms and standard classrooms, technology centers, a public service office for the Leadership Institute Community Development and the Business Development Center, the Wellness Center, and offices for support staff and faculty. The multi-purpose facility will include:

- Biology, Chemistry, Physics laboratories and associated prep areas/storage and offices
- Three classrooms
- Five Faculty Offices
- Academic Success Laboratory and associated storage and offices
- Seminar Classroom
- Community Development classroom, training rooms and staff office
- Three distance education classrooms
- Office Technology laboratory and associated faculty offices
- Leadership Institute staff offices, meeting room
- Business Development Center staff offices and incubator labs
- Storage/Vending/Circulation/Restrooms
- Wellness Center
- Nursing Labs for the USC Columbia nursing program

Biology and chemistry labs are limited by the space available. Three biology faculty share one lab, limiting the amount of time available for class preparation. The three labs are located in two buildings, and space design is inefficient and limited. With changing technology, the computer centers are not adequate to meet the demands of students. With the addition of the BSN nursing program in collaboration with the Columbia campus, additional space is necessary.

**NOTE: The project is recommended for approval pending receipt of additional information to clarify the acceptability of the academic collaboration under CHE policy between USC Salkehatchie and USC Columbia.*

University of South Carolina Sumter

Instructional Laboratories Building \$13,825,000 -new construction

Source of Funds: **\$13,825,000 -CIB funds**

Description

The project is to construct a new 40,000 GSF building to house classrooms and laboratories for the Math, Science, and Engineering Division as well as office space for faculty. The new facility will replace the current laboratory space which is over 40 years old. These outdated labs also have to double for lecture rooms. Air quality, health, and safety are major issues. The student population was 500 when the facility was built, but the institution now serves more than double that number.

University of South Carolina Sumter

Deferred Maintenance Items \$1,450,000 -deferred maintenance

Source of Funds: **\$1,450,000 -CIB funds**

Description

The project is to continue to upgrade the institution’s facilities. This includes:

1. HVAC replacement Student Union Building – Existing 28-year-old air-cooled chiller system cannot keep up with the cooling demands of the building. The system is inefficient to operate and costly to maintain. Project would replace the existing duct system, thermostats, and control boxes with new equipment.

2. Site Work – Routing overhead utilities to underground – The planned project would remove several overhead power lines putting them underground, removing the poles, and at the same time extending the infrastructure to include the Alice Drive Baptist Church property and the rear of the campus. This would then allow for the installation of perimeter and street lighting resulting in increased security of the north entrance and student parking lot areas.

3. Roof leaks and problems with the parapet wall on the Nettles Building – Repair roof leaks around skylights, flashing, and drain repairs. Also, reset and seal all of the

capstones on the parapet wall. The stones have moved and a considerable amount of water is entering the building. Repair water damage to interior and exterior of building.

University of South Carolina Union

Classroom/Laboratory/Learning \$6,000,000 -new construction, site development
Resource Center Construction

Source of Funds: **\$6,000,000** **-CIB funds**

Description

The project is to construct a 24,000 GSF facility to house classrooms, laboratories, and a Learning Resource Center (library). The institution already owns the land. The facility is needed due to enrollment increases and insufficient laboratory space. There is insufficient space in the current library. The facility has climate control problems that have resulted in mold growth on the book collections. The institution is working in collaboration with the USC Upstate School of Nursing and the local hospital to begin a nursing program. Increased enrollment from this program will further increase the need for additional classroom and laboratory space.

**NOTE: The project is recommended for approval pending receipt of additional information to clarify the acceptability of the academic collaboration under CHE policy between USC Union and USC Upstate.*

University of South Carolina Union

Facility Upgrades \$700,000 -renovations, site development

Source of Funds: **\$700,000** **-CIB funds**

Description

The project is to upgrade existing facility on the campus. The project will include upgrade/replacement of the HVAC system serving the auditorium in the Main Building and the library in the Central Building. The current system in the Main Building is too small and noisy and requires continual maintenance and repair. Additionally, the unit cannot be operated while people are in the auditorium. With increased enrollment, it has become necessary to utilize the auditorium for classroom space. The learning environment is uncomfortable if the HVAC system cannot be operated during the classes.

Site work and infrastructure upgrades will also be included with an emphasis on the addition of a parking lot.

University of South Carolina Union

Campus Site Redevelopment \$1,000,000 -site development

Source of Funds: \$1,000,000 -CIB funds

Description

The project is to develop and implement a plan for the redevelopment of the campus. The City of Union is reworking the streets in the area, and the institution will be provided with additional land currently in the existing rights of way. The project will include landscaping, lighting, and site furnishings. The city has agreed to reroute the street which bisects the campus which will create a contiguous campus. The rerouting of streets is contingent upon the receipt of funding to landscape the campus.

The project is needed to coordinate the campus plan with the adjacent city properties and to make the best use of additional land that will be provided. It will improve the appearance of the campus and provide a more attractive environment. Student safety will also be addressed with improved walks for pedestrian traffic and lights in the campus area.

Aiken Technical College

Industrial Technology Building \$11,861,709 -new construction

Source of Funds: \$ 9,489,367 -CIB funds
2,372,342 -local funds

Description

The project is to construct a 50,031 SF facility to provide adequate space for housing programs which currently reside in the 400 and 500 buildings. The programs to be housed in the facility are applied technology classes such as welding, machine tool, industrial maintenance (electro-mechanical devices), hydraulics and pneumatics. The courses engage the students in hands-on application instruction. They must demonstrate skill proficiencies and be certified in the use of the equipment as part of course requirements. The current demand trend has increased dramatically the need for a high-skills workforce in Industrial Technologies.

The current facilities do not provide sufficient space to house the modern equipment needed to train and thereby provide a skilled workforce to new, existing, and expanding industries in the service area. In addition to the undersized space of the current buildings, there are health and safety issues. The combination of all these factors led the College to conclude that construction of a new Industrial Technology building would be a better use of resources than engaging in a high-cost renovation of the current facilities.

Aiken Technical College

Nursing Building \$7,324,500 -new construction

Source of Funds: \$5,859,600 -CIB funds
1,464,900 -local funds

Description

The project is to construct a 30,000 SF facility to house the expansion of the Health Science Technologies. The new building will house the Associate Degree in Nursing program, the Certified Nursing Assistant, and the proposed Licensed Practical Nursing program. The courses encompass classroom and laboratory study. The facility will assist the College in meeting the accreditation standards for the nursing programs.

Upon relocation of the nursing programs, the available space in the current Health Sciences facility will be utilized to enhance existing programs and expand additional offerings in the Health Sciences. The Surgical Technology program is proposing expansion to an Associate Degree in Surgical Technology. The Medical Coding certificate is proposed to expand to a Health Information Management degree. The Radiological Technology degree proposes to add a Sonography component. A Dental Hygiene associate degree is proposed to augment the Dental Assistant diploma. New programs include Pharmacy Technology, Cardiovascular Technology, Bio/Med Laboratory Technology, and Dialysis Technicians.

Central Carolina Technical College

Health Sciences Building \$12,437,076 -renovation

Source of Funds: \$ 9,557,460 -CIB funds
2,879,616 -appropriated state funds

Description

The project is to renovate a 68,800 SF facility to be donated by the City of Sumter to move the College's health sciences programs from the existing location. The programs are currently housed in a 27,260 SF facility along with the science and early childhood programs. Due to an increase in enrollment over the past several years, the College's health sciences programs have outgrown the existing location.

The proposed new location will provide more than double the existing space for the health sciences programs. Additionally, the institution's science and early childhood programs will be able to expand in the existing location. These programs and courses have had an enrollment increase over the past several years. The science courses increased 222 percent in the past six years, and the early childhood courses increased 80 percent in the same period.

Central Carolina Technical College

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|---------------------------------|--------------|-------------------|
| Kershaw-Lee Campus Construction | \$18,615,786 | -new construction |
|---------------------------------|--------------|-------------------|

Source of Funds:

| | |
|---------------------|-------------------|
| \$14,892,629 | -CIB funds |
| 3,142,051 | -federal funds |
| 581,106 | -local funds |

Description

The project is to construct a new building to house the College's courses offered in Kershaw County for the residents of Kershaw and Lee Counties. Currently, the institution uses approximately 10,000 SF in the Kershaw County Government Center. With an enrollment of 400, there is no room to meet the demand for additional classes. Enrollment is projected to increase to 1,000 within three years of constructing the new facility.

Kershaw County purchased 42 acres of land near the intersection of US 521 and I20 in Camden for the new facility. The County is willing to donate this property to the College and is currently working with the institution to obtain additional funding for the project. Kershaw County will be hiring an architect to work with the College in the near future to develop a preliminary site and floor plan for the project. Current cost estimates are based on a 68,000 SF facility.

Denmark Technical College

| | | |
|-------------------------|-------------|-------------------|
| Academic Support Center | \$4,800,000 | -new construction |
|-------------------------|-------------|-------------------|

Source of Funds:

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|--------------------|-------------------|
| \$4,800,000 | -CIB funds |
|--------------------|-------------------|

Description

The project is to construct a new academic facility to enhance course offerings and student service activity needs. The building will house one computer lab for general student use and two labs for instruction. Other space will include a testing center and tutorial rooms. Due to an enrollment increase, a 600-seat auditorium will be included as well as additional classrooms and faculty offices. The new facility will be located between the new Learning Resource Center and the Administration Building.

Florence-Darlington Technical College

| | | |
|-------------------------|-------------|-------------------|
| Manufacturing Incubator | \$5,181,000 | -new construction |
|-------------------------|-------------|-------------------|

Source of Funds:

| | |
|--------------------|-------------------|
| \$4,144,800 | -CIB funds |
| 1,036,200 | -local funds |

Description

The project is to construct a 28,000 SF Manufacturing Incubator – Phase II of the Southeastern Institute of Manufacturing and Technology (SIMT). The Incubator is designed to foster start-up manufacturing companies in commercializing their ideas. The facility will provide manufacturing space and infrastructure for up to five start-up companies. The building will have open floor space with industrial utilities in place and will be constructed to allow for flexibility

and reconfiguration of the space. Additionally, the Incubator will be built in close proximity to the Advanced Manufacturing Center (AMC) of the SIMT. This will allow the AMC to provide employee training and make development resources available to start-up companies. The goal of the Incubator is to create jobs in the College's service area.

Florence-Darlington Technical College

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|--|-------------|-------------------------------|
| Automotive/Auto Body Program Expansion (Building 600) | \$3,600,000 | -new construction, renovation |
|--|-------------|-------------------------------|

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|------------------|--------------------|-------------------|
| Source of Funds: | \$2,880,000 | -CIB funds |
| | 720,000 | -local funds |

Description

The project is to construct a facility to expand the existing automotive program and to add an automotive body and paint program. The new facility and renovation of the existing automotive labs and classrooms will provide much-needed lab, classroom, and storage space to meet the growing training needs of the automotive and auto body repair program. This expansion will include an automotive paint booth and separate labs for each program.

The automotive program has grown from 17 to 42 students since 2002 with a job placement rate of 92 percent. Classes are experiencing multiple problems with scheduling labs and addressing overcrowding as a safety concern. The automotive body repair program currently shares space with the Marion County Vocational Center and severely limits the size of the program.

Florence-Darlington Technical College

| | | |
|-------------------------------------|-------------|--------------|
| Math Hub Renovation (Building 7000) | \$2,253,991 | - renovation |
|-------------------------------------|-------------|--------------|

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|------------------|--------------------|-------------------|
| Source of Funds: | \$2,253,991 | -CIB funds |
|------------------|--------------------|-------------------|

Description

The project is to renovate the first floor of Building 7000 to utilize the space as a Math Hub to house 260 computer workstations. In 2004, the College developed a Math Hub that supports 50 students in conjunction with a Quality Enhancement Plan to affect a long-term positive impact upon students learning math, thereby enabling students' fulfillment of educational and career goals. The Hub functions as a hybrid methodology of "self-paced and guided instruction" where students study with individualized modular learning components to gain the math skills to be academically successful in curriculum math courses.

Greenville Technical College

Renovate Second Floor ARC \$6,813,119 -renovation
for Classrooms

Source of Funds: \$6,813,119 -CIB funds

Description

The project is to renovate the 60,817 SF second floor of the Admissions and Registration Center (ARC) at the McAlister Square location to provide classrooms, laboratories, administrative offices, and associated restrooms. A new elevator will be installed. The primary purpose of the facility is to provide lecture-style classrooms, specialized classrooms, and labs for nursing and medical programs. This would provide one centralized location for all of these programs including labs and human patient simulators. Currently, these simulators are scattered across the campus because of space constraints. This makes it difficult to fully utilize the equipment and creates security concerns.

The relocation of the nursing and medical programs will allow for the expansion of other science programs. The need for classroom space has become so great, the College has been borrowing space from the University Center for the past few years. The renovated area is needed to accommodate the current needs and address anticipated increases in the nursing and medical programs. The classroom space will be shared with the University Center for evening classes.

Greenville Technical College

Barton Campus Wellness Center \$16,000,000 -new construction

Source of Funds: \$12,800,000 -CIB funds
3,200,000 -local funds

Description

The project is to construct a fitness facility to allow the College to offer an athletic program beginning with men’s basketball. The project will enhance student life and create a venue for students to gather for larger meetings, graduation, pinning ceremonies, and cultural events. The facility will also include space for a clinical setting for the College’s health and wellness programs including personal trainer, occupational therapy assistant, massage therapy, and athletic training.

NOTE: Staff does not recommend approval of this project for capital improvement bond funding.

Rationale: One of the criteria used for evaluating capital funding requests requires proposed projects to be “central and critical to the institution’s approved mission.” The College’s proposed Wellness Center does not meet this mandate as 70 percent of the facility will be for athletic and recreational use. Programmatic growth is based on assumptions of career interests of potential student athletes.

In documentation provided by the institution, the request for additional clinical space was not supported.

Greenville Technical College

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|--|-------------|-------------------|
| Greer (G3) Classroom Building Construction | \$5,495,000 | -new construction |
|--|-------------|-------------------|

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|------------------|--------------------|-------------------|
| Source of Funds: | \$4,396,000 | -CIB funds |
| | 1,099,000 | -local funds |

Description

The project is to construct a new classroom building to include administrative offices, restrooms, mechanical rooms, and a student break/canteen area. The primary function of the facility is to provide lecture-style classroom space. Enrollment on the Greer campus continues to increase. The facility will accommodate the expanded Arts and Sciences classes as well as a much-needed Writing Center and Math Center.

Horry-Georgetown Technical College

| | | |
|---|-------------|-------------|
| Renovation/Expansion of Building 300-Conway | \$7,500,000 | -renovation |
|---|-------------|-------------|

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|------------------|--------------------|-------------------|
| Source of Funds: | \$6,000,000 | -CIB funds |
| | 1,500,000 | -local funds |

Description

The project is to renovate and expand Building 300 on the Conway campus. Constructed 35 years ago, the facility is in need of renovation as it fails to meet current building code and ADA standards. It is not energy efficient and is not large enough to accommodate current enrollment levels or projected growth. The renovation of this facility will postpone the need for a new general purpose classroom building until 2011-12.

The facility is used for electronics, civil engineering, English, math, reading, sociology, physiology, and biology instruction.

In the past 10 years, the College has increased its enrollment 67 percent with nearly 5,500 credit and 15,000 continuing education students. Forecasts predict similar growth given trends in population and economic expansion in the College's service area.

Horry-Georgetown Technical College

Renovation/Expansion of Building 400-Conway \$7,500,000 -renovation

Source of Funds: \$6,000,000 -CIB funds
1,500,000 -local funds

Description

The project is to renovate and expand Building 300 on the Conway campus. Constructed 30 years ago, the facility is in need of renovation as it fails to meet current building code and ADA standards. It is not energy efficient and is not large enough to accommodate current enrollment levels or projected growth. The renovation of this facility will postpone the need for a new general purpose classroom building until 2011-12.

The facility is used for golf course management, turf equipment management, civil engineering, English, math, reading, sociology, physiology, and biology instruction.

In the past 10 years, the College has increased its enrollment 67 percent with nearly 5,500 credit and 15,000 continuing education students. Forecasts predict similar growth given trends in population and economic expansion in the College's service area.

Midlands Technical College

Northeast Classroom/Engineering Facility \$25,000,000 -new construction

Source of Funds: \$20,000,000 -CIB funds
5,000,000 -institution bonds

Description

The project is to construct a 68,000 SF facility to include engineering technology labs, classrooms, faculty offices, and administrative spaces. Utility infrastructure and parking will be expanded. The facility will be immediately adjacent to the existing Center of Excellence for Technology and will house the remainder of the engineering technologies relocated from the Lindau Engineering Technology (LET) Building on the Beltline campus. The relocation will create a focal point for all high-technology engineering instruction and development for the College. The facility will be predominately instructional with minimal administrative space. Once the facility is constructed, the LET Building can be renovated or replaced. The LET building has severe seismic, mechanical, air quality and safety code deficiencies.

Northeastern Technical College

| | | |
|-------------------------------|-------------|-------------------|
| Campus Expansions/Renovations | \$1,560,000 | -new construction |
|-------------------------------|-------------|-------------------|

| | | |
|------------------|--------------------|-------------------|
| Source of Funds: | \$1,000,000 | -CIB funds |
| | 560,000 | -federal funds |

Description

The project is to construct a 7,200 GSF building parallel to the existing Dillon campus facility. The new building will include larger classrooms with a seating capacity of 20 to 33 students, a lab, restroom facilities, and additional storage space. The current classrooms are at capacity and scheduling is a problem due to the lack of space.

The current facility is 4,200 SF and includes classrooms with a seating capacity of 12 students. Currently, the Continuing Education (CE) division is conducting classes off site due to capacity issues. The larger classrooms and the lab will allow the College to hold more CE courses on site. When the Associate Degree in Nursing (ADN) program is established at the Cheraw campus, plans are to offer the program at the Dillon campus as well. (Note: The Commission is scheduled to review the proposed ADN program at its May 3 meeting.)

Orangeburg-Calhoun Technical College

| | | |
|---|-------------|-------------------|
| Automotive Training & Transportation Center | \$3,500,000 | -new construction |
|---|-------------|-------------------|

| | | |
|------------------|--------------------|-------------------|
| Source of Funds: | \$2,800,000 | -CIB funds |
| | 700,000 | -federal funds |

Description

The project is to construct a 25,000 GSF facility to house classrooms and labs for automotive training including truck driving. The proposed facility will consolidate existing programs in one area of the campus as well as provide additional space for new programs such as paint and body work, forklift repair, and refrigerated trailer repair. These programs have been requested by local industry. The initial concept for the facility is to have two training labs, three to four classrooms, and one simulation lab.

Piedmont Technical College

| | | |
|---|--------------|--------------------------------|
| Nursing/Health Science Building & Renovations Health (Bldg H), Science (S), & Utility (J) | \$13,868,500 | -new construction, renovations |
|---|--------------|--------------------------------|

| | | |
|------------------|---------------------|-------------------|
| Source of Funds: | \$11,904,800 | -CIB funds |
| | 1,963,700 | -local funds |

Description

The project is to construct a 40,000 SF nursing/health sciences building and renovate four other buildings with space of 41,000 SF on the main campus. The proposed new facility will consist of various labs, classrooms, x-ray rooms, an auditorium, offices, and a student research area. Due to

demand for nursing programs and the continual use of existing buildings, it is necessary to add and upgrade facilities. The space will allow for additional programs and will address scheduling conflicts. The College currently has waiting list for these programs.

The existing facility needs to be brought to current building codes, and the indoor air quality conditions need to be improve. The renovations and equipment upgrades are essential for support of the additional square footage. Due to limited parking space, an additional parking lot will need to be included in the project. The new lot will connect to the existing lot to create 100 new spaces.

Piedmont Technical College

Business/Industrial Technology Center \$10,409,300 -new construction, renovations
Renovations

Source of Funds: **\$ 8,917,440 -CIB funds**
 1,491,860 -local funds

Description

The project is to construct a 36,000 GSF business industrial technology building and renovate portions of four existing buildings with a space of 37,000 SF on the main campus. The upgrades and improvements to the other four facilities will accommodate continuing enrollment growth.

The proposed new facility will consist of classrooms, labs, work rooms, computer technology rooms, and office and support space. It will also assist in meeting demands of local industry. The facility and associated space will allow for additional programs and offerings. Environmental and building code issues will be addressed.

The College has hired an architectural and engineering firm to provide programming and schematic design documents.

Piedmont Technical College

Saluda County Extension Center \$3,232,000 -new construction
Renovations

Source of Funds: **\$1,500,000 -CIB funds**
 1,732,000 -local and college funds

Description

The project is to construct an 18,000 GSF facility in Saluda County to replace the current leased facility. The Extension Center would meet the immediate needs of the education programs provided in Saluda. The current leased facility is no longer meeting the needs of the College’s students, and the building’s age is of concern for safety matters.

The College’s Foundation will donate 25 acres for the new facility, which will accommodate present and future growth. The facility will be located on Highway 178. The College has

contracted with an architectural and engineering firm to perform programming and schematic design for the proposed facility.

Spartanburg Community College

Academic/Library Building Construction \$9,990,000 -new construction
-Phase II

Source of Funds: **\$9,990,000** **-CIB funds**

Description

The project is to construct a 60,000 SF academic/library facility as the second phase of the two-phase project. The facility will serve as an academic center with Associate of Arts and Associate of Science (AA/AS) classrooms to meet the needs of continued enrollment growth in the college transfer program. The building will house special-purpose laboratories, classrooms, applied art studios, a black box theater, distance learning classrooms, a teaching and learning center, and building support functions.

The College currently has no classrooms or labs designed specifically for use by the AA/AS programs. These programs are the fast-growing at the institution so the need for state-of-the-art multimedia instructional space is crucial to the College fulfilling its mission.

Phase One cost \$5.38 million and will be utilized as the College's required match to request state funding.

Spartanburg Community College

West Building Renovation \$6,200,000 -renovation
(including HVAC System)

Source of Funds: **\$6,200,000** **-CIB funds**

Description

The project is to renovate the 74,185 SF West Building including the HVAC system. The project will revitalize the classrooms and labs with state-of-the-art equipment providing multimedia access to students and instructors. The project will update the current inadequate facilities to meet the educational needs of modern business and industry. The HVAC renovation will make the system more efficient and more compatible with the main energy system used in other buildings on the main campus.

Technical College of the Lowcountry

Building 6 & 8 Renovations \$2,350,000 -renovation

Source of Funds: **\$2,350,000** **-CIB funds**

Description

The project is to renovate Buildings 6 and 8 which currently house the College's administrative offices and two distance learning classrooms. The office space will be renovated to provide two

Tri-County Technical College

Classroom Building \$11,300,000 -new construction

Source of Funds: \$ 9,040,000 -CIB funds
2,260,000 -local funds

Description

The project is to construct a 46,000 GSF two-story facility in Pickens County to house general classrooms, computer labs, a conference room, a multimedia room, faculty offices, and an administrative area. The proposed project includes appropriate parking, utilities, and site infrastructure. The facility will allow the College to meet the growth and educational requirements of the residents of Pickens County and meet business and industry needs.

Trident Technical College

Nursing, Science, & Math Building \$26,100,000 -new construction

Source of Funds: \$20,880,000 -CIB funds
5,220,000 -institutional funds

Description

The project is to construct a 90,000 SF facility to expand the College’s nursing, science, and math programs. The facility will house nursing, biology, chemistry, and physics labs, classrooms, and office space for approximately 80 faculty members. The building will also house the Nursing Resource Center, a collaborative project between the College and Roper St. Francis Healthcare designed to enhance student academic and professional success. The Center is funded by a Duke Endowment Grant. Designated study areas and meeting space will be included as well.

The College’s nursing graduates address the greater Charleston community’s critical nursing shortage. The new facility will allow a program enrollment increase to 384 students a year – a 39 percent increase over the current 276 positions. The science and math programs provide essential foundational education for the nursing, allied health, and technical programs.

Williamsburg Technical College

Technology Building \$10,200,000 -new construction

Source of Funds: \$ 7,500,000 -CIB funds
2,000,000 -local funds
700,000 -previous allocation of CIB funds

Description

The project is to construct a 73,000 SF technology building to house computer labs and instructional areas for advanced technology learning. The College’s service area needs to attract and retain businesses and industries by supplying an educated and trained workforce.

York Technical College

Allied Health Classroom & Laboratory Building \$14,400,000 -new construction

Source of Funds: **\$11,520,000** -CIB funds
 2,880,000 -local funds

Description

The project is to construct a 55,000 SF classroom and laboratory facility for the healthcare programs. The laboratories will have state-of-the-art equipment, furniture, and utilities to support the needs of the programs. The latest technology in fume hoods will assist in indoor air quality and safety for students. The new building will allow the College to simulate health care facilities. The local area’s healthcare community has grown significantly, and the proposed facility will allow the College to meet the increase demand for healthcare professionals. Faculty offices will also be located in the building.

The healthcare programs are currently sharing space with the associate of arts and science programs, computer and business programs along with science courses. The evacuated lab space can be reconfigured cost effectively for expansion of the science courses and create general classroom space for these programs.

FOR INFORMATION – PROJECT YEAR TWO SUMMARY

A summary of all projects planned for Year Two, regardless of source of funds, is presented below.

2007 CIP - Year Two Summary

Requests for Capital Improvement Bond (CIB) Funded Projects

Year Two of the CIP includes new requests for Capital Improvement Bond (CIB) funds for the 2008-09 fiscal year. It should be noted that not all projects in Year Two require CIB funds. The second year requests for CIB funds have been scored and prioritized according to CHE criteria. The prioritized list will be submitted to the Legislature in the fall. Projects listed with an asterisk (*) have been requested previously.

| <u>Institution</u> | <u>Project</u> | <u>CIB Funds Requested</u> | <u>Previous State Appropriations</u> |
|-----------------------|--|----------------------------|--------------------------------------|
| Clemson | Information Technology Facility Construction | \$20,000,000 | |
| | Chemistry - Hunter Hall Addition* | \$30,000,000 | |
| | Air Quality & Critical Deferred Maintenance* | \$10,000,000 | |
| | Core Campus Residence Hall | - | |
| | Dining Hall Design & Construction | - | |
| | University Post Office | - | |
| | Municipal Services Complex | - | |
| | Redfern Expansion/Renovation | - | |
| | Clemson House Improvements | - | |
| | Low-rise Fan Coil Unit/Line Replacements | - | |
| TOTAL | | \$60,000,000 | |
| MUSC | College of Dental Medicine Building* | \$27,700,000 | \$10,300,000 |
| | Deferred Maintenance for 2008-09* | \$18,963,000 | |
| | College of Pharmacy Building* | \$33,000,000 | |
| TOTAL | | \$79,663,000 | |
| USC Columbia | School of Law New Building Construction* | \$20,000,000 | \$10,000,000 |
| | Gibbes Green Historic Facilities Renovations (LeConte/Petigru Infrastructure)* | \$20,000,000 | \$9,900,000 |
| | Patterson Hall Renovations | - | |
| | Harper Elliott Renovations/Fire Protection | - | |
| | School of Medicine Animal Facilities Upgrades | - | |
| | School of Medicine Clinical Assessment Center Renovation | - | |
| | School of Medicine Chiller Replacement | - | |
| TOTAL | | \$40,000,000 | |
| The Citadel | Capers Hall Replacement* | \$30,400,000 | |
| | Daniel Library* | \$17,200,000 | |
| | Deferred Maintenance - Phase II* | \$2,530,000 | |
| TOTAL | | \$50,130,000 | |
| Coastal Carolina | R. Cathcart Smith Science Center* | \$45,000,000 | |
| TOTAL | | \$45,000,000 | |
| College of Charleston | Expansion & Renovation of Science Facilities* | \$53,499,001 | \$4,000,000 |
| | Psychology Classroom/Laboratory Building* | \$8,000,000 | |
| | Dixie Development - Phase II | \$15,000,000 | |
| TOTAL | | \$76,499,001 | |
| Francis Marion | School of Education/School of Business Building Construction* | \$15,250,000 | \$750,000 |
| TOTAL | | \$15,250,000 | |
| Lander | New University Center Construction* | \$20,000,000 | \$3,000,000 |
| | Jackson Library Renovation* | \$7,250,000 | |
| | Critical Maintenance, Infrastructure, & Accessibility* | \$6,037,000 | |
| TOTAL | | \$33,287,000 | |
| SC State | Whittaker Library Expansion/Renovations* | \$23,547,744 | \$452,256 |

