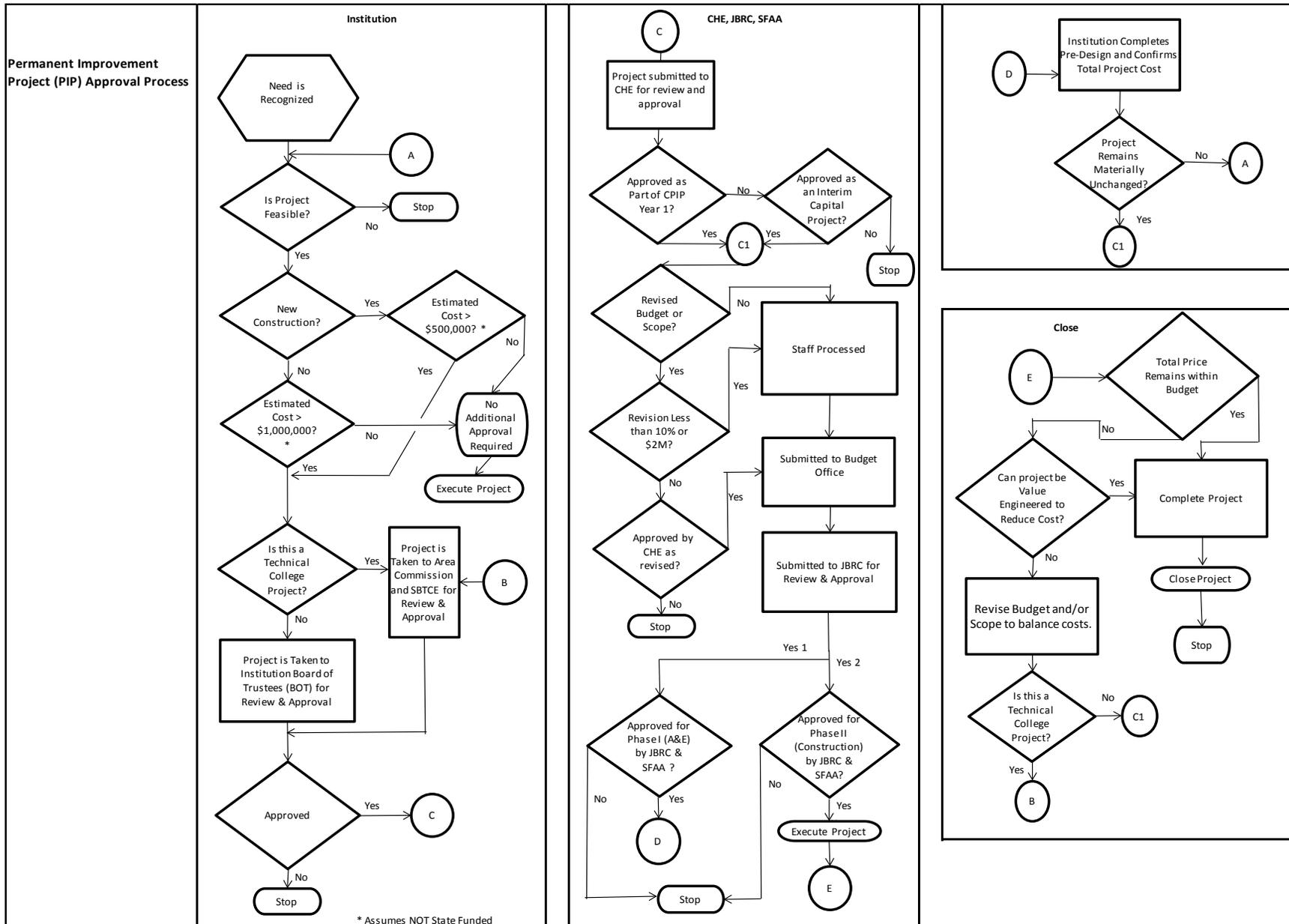


The Approval Process



Comprehensive Permanent Improvement Plan

SECTION 2-47-55. Comprehensive Permanent Improvement Plan.

Section effective July 1, 2015.

(A) All state agencies responsible for providing and maintaining physical facilities are required to submit a Comprehensive Permanent Improvement Plan (CPIP) to the Joint Bond Review Committee and the authority. The CPIP must include all of the agency's permanent improvement projects anticipated and proposed over the next five years beginning with the fiscal year starting July first after submission. The purpose of the CPIP process is to provide the authority and the committee with an outline of each agency's permanent improvement activities for the next five years. Agencies must submit a CPIP to the committee and the authority on or before a date to be determined by the committee and the authority. The CPIP for each higher education agency, including the technical colleges, must be submitted through the Commission on Higher Education which must review the CPIP and provide its recommendations to the authority and the committee. The authority and the committee must approve the CPIP after submission and may develop policies and procedures to implement and accomplish the purposes of this section.

(B) The State shall define a permanent improvement only in terms of capital improvements, as defined by generally accepted accounting principles, for reporting purposes to the State.

HISTORY: 1993 Act No. 178, Section 5, eff July 1, 1993; 2003 Act No. 5, Section 1; 2014 Act No. 121 (S.22), Pt VII, Section 18.B, eff July 1, 2015.

Brief Explanation

Each higher education 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 for review and recommendations forwarded to the Joint Bond Review Committee (JBRC) and the State Fiscal Accountability Authority (SFAA).

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 coming 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.

Year 2 includes, but is not limited to, requests for capital improvement bonds.

Years 3-5 represent the institutions' long-term plans and are presented for information only.

FY 2015-2016 CPIP - Year One Summary Breakdown

| Institution | Project | Estimated Project Cost | IP* | Proposed Source of Funds | Date Established |
|---|---|------------------------|------------|--|------------------|
| Projects Requesting Establishment or Increases to the Budget/Scope | | | | | |
| New Construction | | \$59,700,000 | 11% | 8 | |
| Clemson | Outdoor Fitness & Wellness Center Construction | \$21,000,000 | 2 | Institution Bonds, Private | - |
| | Child Care Center Construction | \$5,000,000 | 3 | Operating Funds | - |
| USC Columbia | North Energy Plant Expansion & Chilled Water Loop Extension | \$11,850,000 | 8 | Institutional Funds | - |
| | Emergency Generators for Critical Research | \$1,500,000 | 9 | Institutional Funds | - |
| MUSC | University Center at Ft. Johnson | \$4,000,000 | 3 | University General Funds | - |
| USCAiken | Solar Farm | \$2,500,000 | 1 | Institutional Funds, Private | - |
| Greenville TC | Aircraft, Diesel Maintenance, Truck Driver Training Construction | \$6,000,000 | 1 | SCNG Federal Funds (\$15,260,150)/GTC Local Funds (\$6,000,000) | - |
| Horry-Georgetown TC | Advanced Manufacturing Center - Georgetown | \$7,850,000 | 1 | Local Funds | - |
| Renovation | | \$76,687,739 | 15% | 14 | |
| USC Columbia | Close-Hipp Renovation | \$15,000,000 | 1 | Institutional Capital Project Funds | - |
| | Capstone Student Bathroom Renovation/Window Replacement | \$5,100,000 | 2 | Housing Maintenance Reserve | - |
| | Cliff Apartments Replacement of Domestic Water Lines | \$1,750,000 | 3 | Housing Maintenance Reserve | - |
| | Woodrow College Renovation | \$8,900,000 | 5 | Housing Revenue Bonds | - |
| MUSC | Capital Renewal Projects 2015-16 | \$4,000,000 | 1 | University General Funds | - |
| | Jonathan Lucas St. Garage Waterproofing & Masonry Repair | \$2,550,000 | 2 | Parking Revenue | - |
| The Citadel | Replace Duckett Hall HVAC System | \$1,200,000 | 1 | State Capital Reserve Fund | - |
| | Renovate Byrd Hall Organic Chemistry Lab (rooms 410/412) | \$1,450,000 | 2 | State Capital Reserve Fund | - |
| College of Charleston | 123 Bull Street Renovation | \$3,200,000 | 2 | Renovation Reserve Fund | - |
| | 13 Coming Street Renovation | \$3,150,000 | 3 | Renovation Reserve Fund | - |
| | Silcox Physical Education & Health Center Renovation | \$26,000,000 | 4 | Institutional Revenue Bonds, Private Funds | - |
| Greenville TC | Building 112 Roof Replacement | \$1,200,000 | 2 | Local Funds | - |
| Orangeburg-Calhoun TC | Re-roofing Projects - Buildings A-J and Connecting Corridors | \$2,100,000 | 1 | Local Funds | - |
| Spartanburg CC | Relocation/Renovation Culinary Program | \$1,087,739 | 1 | Local Funds | - |
| Land Acquisitions | | \$4,019,000 | 1% | 2 | |
| College of Charleston | Potential Land Acquisition | \$4,000,000 | 5 | Excess Debt Service | - |
| Denmark TC | Land Purchase "Smith Property" | \$19,000 | 1 | Plant Funds | - |
| Projects That Have Been Previously Approved | | \$373,428,021 | 71% | 15 | |
| Clemson | Electrical Distribution System Upgrades & Replacements | \$75,000,000 | 1 | Institution Bonds, Maintenance & Stewardship Fund | 4/2/2015 |
| | Football Operations Facility Construction | \$62,000,000 | 4 | Athletic Facilities Revenue Bonds | 4/2/2015 |
| USC Columbia | Men's Basketball Offices & Team Spaces Renovation | \$4,000,000 | 4 | Athletic Operating Funds | 11/6/2014 |
| The Citadel | Construct New School of Business | \$20,700,000 | 3 | Citadel Foundation Donor Funds | 10/2/2014 |
| | Construct New Capers Hall | \$34,372,000 | 4 | Capital Improvement Bonds, Institution Bonds | 10/2/2014 |
| Coastal Carolina | Smith Science Renovation - Phase II | \$7,150,000 | 1 | Institutional Capital Project Funds, Reserve/Plant Expansion, Appropriated State | 3/3/2006 |
| | University Place Dining Facility | \$4,700,000 | 2 | Auxiliary Housing Funds, Student Housing Foundation | 11/6/2014 |
| College of Charleston | 176 Lockwood Drive Renovation | \$5,300,000 | 1 | Excess Debt Service | 10/2/2014 |
| USC Beaufort | HHI Hospitality Management Facility Construction/Land Acquisition | \$24,500,000 | 1 | Town of Hilton Head, Beaufort-Jasper County Higher Education Commission, Private | 4/2/2015 |
| Florence-Darlington TC | Automotive Technology Center | \$7,750,000 | 1 | Appropriated State, FDTF Foundation | 1/12/2015 |
| Orangeburg-Calhoun TC | Health Sciences & Nursing Building | \$10,500,000 | 2 | Appropriated State, Local Funds, Federal Funds | 1/29/2015 |
| TC of the Lowcountry | Building 16 Renovations | \$975,000 | 1 | Appropriated State | 2/11/2015 |
| Tri-County TC | Student Success Center/Central Plant | \$42,000,000 | 1 | Plant Funds | 4/4/2014 |
| Trident TC | SC Aeronautical Training Center Construction | \$63,725,632 | 1 | Appropriated State, Federal, Local | 9/5/2014 |
| York TC | Library Expansion & Learning Commons | \$10,755,389 | 1 | College Capital Reserve Fund | 6/20/2012 |
| Projects Carried Over from FY 2014-15 CPIP | | \$12,500,000 | 2% | 3 | |
| USC Columbia | Blatt Pool Pack | \$4,000,000 | 6 | Student Affairs, E&G Maintenance Reserves, Athletic Maintenance Reserves | - |
| | War Memorial Renovation | \$3,000,000 | 7 | Institutional Capital Project Funds | - |
| Tri-County TC | Oconee County Workforce & Economic Development Center | \$5,500,000 | 2 | Appropriated State, Plant Funds | - |
| No Projects | | | | | |
| Francis Marion | No Projects | - | | - | - |
| Lander | No Projects | - | | - | - |
| SC State | No Projects | - | | - | - |
| USC Upstate | No Projects | - | | - | - |
| Winthrop | No Projects | - | | - | - |
| USC Lancaster | No Projects | - | | - | - |
| USC Salkehatchie | No Projects | - | | - | - |
| USC Sumter | No Projects | - | | - | - |
| USC Union | No Projects | - | | - | - |
| Aiken TC | No Projects | - | | - | - |
| Central Carolina TC | No Projects | - | | - | - |
| Midlands TC | No Projects | - | | - | - |
| Northeastern TC | No Projects | - | | - | - |
| Piedmont TC | No Projects | - | | - | - |
| Williamsburg TC | No Projects | - | | - | - |
| Grand Total: | | \$526,334,760 | | | |

*Institutional Priority

| Categories of Funding for Permanent Improvements * | |
|---|--|
| Appropriated Funds | Tuition & Student Fees |
| Allied Health Initiative | College Fees |
| Appropriated State | College Funds |
| Capital Improvement Bonds | Excess Debt Service |
| Capital Reserve Funds | General Funds |
| Life Science bonds | Institution Bonds |
| Lottery Appropriations | Institution Funds |
| Lottery Maintenance Needs Allocation | Institutional Capital Project Fund |
| Research University Infrastructure Bonds | Maintenance Reserve |
| State Commerce Awards | Other Operating Funds |
| | Plant Funds |
| Auxiliary Funds | Renovation Reserve |
| Athletic | Special College Funds |
| Athletic Bond Anticipation Notes | Student Fees |
| Athletic Operating Funds | Tuition |
| Athletic Revenue Bonds | Unallocated Interest |
| Auxiliary | University Funds |
| Dining Improvement Funds | |
| Dining Services Revenue | Other funds |
| Food Service | Asbestos Settlement |
| Health Center Capital Reserve Fund | Class Action Suit |
| Hospital Authority Revenue | EPSCoR |
| Hospital Generated Revenue | Insurance Claim Reimbursement |
| Hospital Operating Revenue | Insurance Reserve Fund |
| Housing | Proceeds from Sale of Property |
| Housing Bond Anticipation Notes | SCE&G Rebate |
| Housing Improvement Funds | Transfer of Property |
| Housing Maintenance Reserve | |
| Housing Revenue Bonds | Other Governmental Support |
| Parking Revenue | City |
| Parking Improvement Funds | City Redevelopment Funds |
| Revenue Bonds | County Bonds |
| | County Funds |
| Private / Third Party Funds | Economic Development Bonds |
| College of Medicine | Emergency Preparation Funds |
| Department of Surgery | Facilities and Administrative Costs / Indirect |
| Foundation | Cost Recovery |
| Generated Clinic Revenue | Federal |
| Health and Science Foundation | Federal Stimulus Funds |
| Neurosciences Practice Plan | FEMA |
| Practice Plan | Grant Funding |
| Presidents Development Fund | Local |
| Private Gift | One Cent Sales Tax |
| Redevelopment Authority | State Energy Office Loan |
| School of Medicine Educational Trust | State Treasury Master Lease |
| | |

* Categories based on A-1 Support documents received over last several years.

PROJECTS REQUESTING ESTABLISHMENT OR AN INCREASE TO THE BUDGET

NEW CONSTRUCTION

FY 2015-16 CPIP Year One

CLEMSON UNIVERSITY

PROJECT NAME: Outdoor Wellness & Fitness Center Construction
PRIORITY NUMBER: 2
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$21,000,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|--------------------------------|------------------------|----------------------------|----------------------------|
| Professional Service Fees | \$0 | \$1,800,000 | \$1,800,000 |
| New Construction | \$0 | \$15,300,000 | \$15,300,000 |
| Other (Various Internal Costs) | \$0 | \$2,200,000 | \$2,200,000 |
| Contingency | \$0 | \$1,700,000 | \$1,700,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$21,000,000</i> | <i>\$21,000,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|----------------------------|----------------------------|
| Institution Bonds | \$0 | \$19,000,000 | \$19,000,000 |
| Private Gift | \$0 | \$2,000,000 | \$2,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$21,000,000</i> | <i>\$21,000,000</i> |

DESCRIPTION:

The University requests approval to establish a project to construct an Outdoor Wellness & Fitness Center on the South Ravenel property on Lake Hartwell. This facility will improve student access to Lake Hartwell for wellness, recreation, and academic purposes. The center will include a 16,000 SF outdoor recreation and education center, a 7,000 SF open air pavilion, a 3,000 SF restroom facility, and related infrastructure. In addition, the area will also include a fully lit soccer field and two softball fields, an access road, and open space improvements near the lake to support large special events.

The project will provide a well-designed fitness and wellness center with outdoor athletic fields for all intramural and club sports that will meet the demands for current and future student populations while leveraging the University's unique natural resources.

E&G MAINTENANCE NEEDS:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Maintenance and custodial services, contractual services and supplies, operating costs, student personnel, and professional staff will require additional operating costs of \$935,546 in the first year, \$1,019,778 in the second year, and \$1,044,575 in the third year following project completion. A portion of the costs will be covered by revenue from facility use.

CLEMSON UNIVERSITY

PROJECT NAME: Child Care Center Construction
PRIORITY NUMBER: 3
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$5,000,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$340,000 | \$340,000 |
| New Construction | \$0 | \$3,350,000 | \$3,350,000 |
| Other Permanent Improvements | \$0 | \$470,000 | \$470,000 |
| Other Capital Outlay | \$0 | \$400,000 | \$400,000 |
| Contingency | \$0 | \$440,000 | \$440,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$5,000,000</i> | <i>\$5,000,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Operating Funds | \$0 | \$5,000,000 | \$5,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$5,000,000</i> | <i>\$5,000,000</i> |

DESCRIPTION:

The University requests approval to establish a project to construct a 12,700 SF child care facility that will serve faculty, staff, and students. The center will be managed and operated through a third-party vendor and provide a safe, secure, and stimulating learning environment for infants, toddlers, and preschool-aged children, ages 6 weeks to 5 years old. The facility will include classrooms, outdoor play areas, laundry, office space, storage, parking, and appropriate fencing/lighting for safety. The facility will be located on the periphery of campus which will be easily accessible via campus transit services and allows for convenient drop off/pick up.

The facility will be constructed and managed to meet National Association for the Education of Young Children (NAEYC) accreditation standards. There are currently no nationally accredited child care facilities within 25 miles of Clemson, with the exception of Head Start or other at-risk programs. Clemson will contract out the operation of the facility and anticipates serving approximately 146 children chosen on first-come, first-serve basis.

E&G MAINTENANCE NEEDS:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Maintenance and utilities will require additional operating costs of \$82,550 in the first year, \$84,201 in the second year, and \$85,885 in the third year following project completion.

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: Outdoor Recreational Space/Golf Practice Facility Development
PRIORITY NUMBER: 7
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$5,000,000
INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|---------------------------|-----------------|--------------------|--------------------|
| Professional Service Fees | \$0 | \$500,000 | \$500,000 |
| Site Development | \$0 | \$4,000,000 | \$4,000,000 |
| Contingency | \$0 | \$500,000 | \$500,000 |
| Total | \$0 | \$5,000,000 | \$5,000,000 |

| Source of Funds | Previous | Change | Revised |
|--------------------------|-----------------|--------------------|--------------------|
| Athletic Operating Funds | \$0 | \$2,000,000 | \$2,000,000 |
| Institution Funds | \$0 | \$3,000,000 | \$3,000,000 |
| Total | \$0 | \$5,000,000 | \$5,000,000 |

DESCRIPTION:

The University requests approval to establish a project to develop new recreation fields and a golf practice facility on land west of Gamecock Park. The University Master Plan identified a significant shortfall in outdoor recreation space. The golf team needs a location contiguous to campus to practice aspects of competitive golf.

The existing golf facility is located at Cobblestone Park in Blythewood, SC. The Blythewood facility will continue to be used for practice and as a tournament course by the men's and women's golf teams. The cost of practicing at the Cobblestone course is minimal, thus savings in cost generated by this project will be negligible. Practice at the proposed new site will save travel time and create more opportunities for short practices. The new golf practice facility is envisioned to provide no more than three holes and will include a driving range and a putting green.

E&G MAINTENANCE NEEDS:

N/A – Auxiliary

ANNUAL OPERATING COSTS/SAVINGS:

Personnel, supplies, waste management, utilities, administration, and a onetime equipment expense will require additional operating costs of \$252,200 in the first year, and \$468,220 in the second year and third years following project completion. These costs will be shared by athletic and student affairs/institutional funding.

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: North Energy Plant Expansion & Chilled Water Loop Extension
PRIORITY NUMBER: 9
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$11,850,000
INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|-------------------------------|-----------------|---------------------|---------------------|
| Professional Service Fees | \$0 | \$1,185,000 | \$1,185,000 |
| Interior Building Renovations | \$0 | \$2,000,000 | \$2,000,000 |
| Building Utility Renovations | \$0 | \$7,480,000 | \$7,480,000 |
| Contingency | \$0 | \$1,185,000 | \$1,185,000 |
| Total | \$0 | \$11,850,000 | \$11,850,000 |

| Source of Funds | Previous | Change | Revised |
|------------------------|-----------------|---------------------|---------------------|
| Institutional Funds | \$0 | \$11,850,000 | \$11,850,000 |
| Total | \$0 | \$11,850,000 | \$11,850,000 |

DESCRIPTION:

The University requests approval to establish a project to expand the North Energy Plant, which will nearly double the size of the existing plant, as well as provide for additional cooling capacity for existing and future facilities in the area toward the proposed expansion area near the river. The project will include new chiller and cooling tower equipment which will provide an additional 3,000 tons of cooling capacity. The plant expansion includes additional space, electrical, and piping infrastructure for a future second 3,000 ton chiller and cooling tower.

In addition, the project will also install new 16 inch chilled water supply and return piping from the North Chiller Plant to the west chilled water distribution loop. A new 4 inch steam condensate line will also be installed as back-up to the existing one located on Greene Street.

The expansion will provide additional capacity and redundancy for existing and future facilities in the area surrounding the Darla Moore School of Business/Coliseum and will provide a critical emergency back-up cooling source for the Main Campus. The chilled water line extension will provide emergency back-up for campus buildings served by the West Energy Chiller Plant, especially in the summer months and will increase system efficiency in the winter months by allowing the West Energy Plant to shut down.

E&G MAINTENANCE NEEDS:

N/A – New Construction/Infrastructure

ANNUAL OPERATING COSTS/SAVINGS:

Personnel, supplies, administration, and a onetime equipment expense will require additional operating costs of \$191,439 in the first year, and \$183,939 in the second and third years following project completion.

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: Emergency Generators for Critical Research

PRIORITY NUMBER: 10
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$1,500,000
INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|------------------------------|-----------------|--------------------|--------------------|
| Professional Service Fees | \$0 | \$150,000 | \$150,000 |
| Other Permanent Improvements | \$0 | \$1,200,000 | \$1,200,000 |
| Contingency | \$0 | \$150,000 | \$150,000 |
| Total | \$0 | \$1,500,000 | \$1,500,000 |

| Source of Funds | Previous | Change | Revised |
|------------------------|-----------------|--------------------|--------------------|
| Institutional Funds | \$0 | \$1,500,000 | \$1,500,000 |
| Total | \$0 | \$1,500,000 | \$1,500,000 |

DESCRIPTION:

The University requests approval to establish a project to install emergency generators at three critical research facilities, Coker Life Sciences Building, Sweringen Building, and Earth Water & Sciences Building. A new 1,000 KW generator will be installed in the Coker Life Sciences Building; the existing 800 KW generator in the Coker Life Sciences Building will be relocated to the Sweringen Building; and a new 500 KW generator will be installed in the Earth Water & Science Building.

The installation of these generators will provide 100% automatic emergency back-up power with automatic switching; maintain negative pressurization at hoods within labs during power loss; and prevent future loss of expensive and critical research due to power loss.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, the Coker Life Sciences Building has an electrical system rating of 2.375 out of 5; the Sweringen Building has an electrical system rating of 2 out of 5; and the Earth Water & Science Building has an electrical system rating of 2.375 out of 5 with combined existing maintenance needs of \$27,377,974 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

Additional operating costs will be determined following completion of Phase I A&E.

MEDICAL UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME: University Center at Ft. Johnson
PRIORITY NUMBER: 3
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$4,000,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$400,000 | \$400,000 |
| Other Permanent Improvements | \$0 | \$3,200,000 | \$3,200,000 |
| Contingency | \$0 | \$400,000 | \$400,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$4,000,000</i> | <i>\$4,000,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| University General Funds | \$0 | \$4,000,000 | \$4,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$4,000,000</i> | <i>\$4,000,000</i> |

DESCRIPTION:

The University requests approval to establish a project to construct a 7,000 – 8,000 SF multipurpose facility for education and research events, meetings, departmental conferences, and retreats at Ft. Johnson, located on James Island approximately 5 miles from campus. Existing structures on the Ft. Johnson site are deteriorated and will be torn down as part of this project. This project will repurpose the land asset to meet a need that is currently lacking on campus.

E&G MAINTENANCE NEEDS:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

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

UNIVERSITY OF SOUTH CAROLINA AIKEN

PROJECT NAME: Solar Farm
PRIORITY NUMBER: 2
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$2,500,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$80,000 | \$80,000 |
| Site Development | \$0 | \$15,000 | \$15,000 |
| New Construction | \$0 | \$2,000,000 | \$2,000,000 |
| Landscaping | \$0 | \$12,000 | \$12,000 |
| Contingency | \$0 | \$393,000 | \$393,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$2,500,000</i> | <i>\$2,500,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Institutional Funds | \$0 | \$200,000 | \$200,000 |
| Private | &0 | \$2,300,000 | \$2,300,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$2,500,000</i> | <i>\$2,500,000</i> |

DESCRIPTION:

The University requests approval to establish a project to coordinate with SCE&G to install a Solar Farm on campus land and the roofs of some facilities. The electricity produced from the solar farm will feed into the SCE&G grid, while the electricity produced on the roof tops will feed into the campus grid, offsetting demand and reducing utility costs.

SCE&G will enter into a 20-30 year lease of approximately 4 acres. Maintenance of the solar farm will be the responsibility of SCE&G while maintenance of the roof top panels will be USCA's responsibility.

E&G MAINTENANCE NEEDS:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

The project will result in an operating savings of \$2,000 in each of the three years following project completion.

GREENVILLE TECHNICAL COLLEGE

PROJECT NAME: Aircraft, Diesel Maintenance, Truck Driver Training Construction
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$21,260,150
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|----------------------------|----------------------------|
| New Construction | \$0 | \$21,260,150 | \$21,260,150 |
| <i>Total</i> | <i>\$0</i> | <i>\$21,260,150</i> | <i>\$21,260,150</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|---------------------------------|------------------------|----------------------------|----------------------------|
| SC National Guard Federal Funds | | \$15,260,150 | \$15,260,150 |
| GTC Local Funds | \$0 | \$6,000,000 | \$6,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$21,260,150</i> | <i>\$21,260,150</i> |

DESCRIPTION:

This project is a joint venture with the SC National Guard. The SC National Guard will construct a new 94,000 SF helicopter maintenance and operations center adjacent to our existing Aircraft maintenance training facility. This project will fund a portion of the new center to include classrooms, computer labs, simulator labs, work areas for aircraft and diesel tractors, and aircraft hangar storage for planes and diesel tractors. This joint use building brings federal dollars to South Carolina and allows the college to use a much bigger facility than it could construct on its own for \$6,000,000.

The National Guard’s mechanics are now required to be trained by outside schools. With the school being co-located, their mechanics can be trained on site. Additionally, the Guard can offer others states the same training, therefore making the facility a Center of Excellence for the National Guard.

The Aircraft Maintenance, Diesel Maintenance, and Truck Driver Training Programs have outgrown their existing rented facilities. Diesel Maintenance currently shares a facility with Automotive that needs additional space for growth. The current lease cannot be renewed because South Carolina Technical and Aviation Center (formerly Donaldson Center) (SCTAC) is going to demolish the building for another building site.

The SC National Guard will serve as the fiscal agent for this project.

E&G MAINTENANCE NEEDS:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Grounds, housekeeping, and utilities will result in an operating savings of \$5,500 in each of the three years following project completion.

HORRY-GEORGETOWN TECHNICAL COLLEGE

PROJECT NAME: Advanced Manufacturing Center - Georgetown
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$7,850,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$550,000 | \$550,000 |
| Equipment and/or Materials | \$0 | \$2,200,000 | \$2,200,000 |
| Site Development | \$0 | \$540,000 | \$540,000 |
| New Construction | \$0 | \$4,360,000 | \$4,360,000 |
| Contingency | \$0 | \$200,000 | \$200,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$7,850,000</i> | <i>\$7,850,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Local Funds | \$0 | \$7,850,000 | \$7,850,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$7,850,000</i> | <i>\$7,850,000</i> |

DESCRIPTION:

The College requests approval to establish a project to construct a new Advanced Manufacturing Center on the Georgetown Campus. The facility will be approximately 27,000 SF and will include programs in welding and machine tool technology.

Demands from local employers require additional training space for the welding and machine tool programs. The College is at capacity in Georgetown and has no additional space to grow/add these programs. The new facility will include space to expand existing programs and to accommodate new programs such as Robotics and Mechatronics.

E&G MAINTENANCE NEEDS:

N/A – New Construction

ANNUAL OPERATING COSTS/SAVINGS:

Utilities, and custodial will require additional operating costs of \$85,000 in each of the three years following project completion.

PROJECTS REQUESTING ESTABLISHMENT OR AN INCREASE TO THE BUDGET
RENOVATION

FY 2015-16 CPIP Year One

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: Close-Hipp Renovation
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$15,000,000
INITIAL CHE APPROVAL DATE: NA

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|----------------------------|----------------------------|
| Professional Service Fees | \$0 | \$1,500,000 | \$1,500,000 |
| Interior Building Renovations | \$0 | \$11,000,000 | \$11,000,000 |
| Exterior Building Renovations | \$0 | \$1,000,000 | \$1,000,000 |
| Contingency | \$0 | \$1,500,000 | \$1,500,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$15,000,000</i> | <i>\$15,000,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------------|------------------------|----------------------------|----------------------------|
| Institutional Capital Project Funds | \$0 | \$15,000,000 | \$15,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$15,000,000</i> | <i>\$15,000,000</i> |

DESCRIPTION:

The University requests approval to establish a project to renovate and address maintenance needs in the Close-Hipp Building. Maintenance and upgrades are planned for HVAC, plumbing, fire alarms, sprinklers, accessibility, waterproofing, and elevator systems. The building will provide much needed classroom and office space. If funding is available, additional classroom/interior renovations will be made.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, the Close-Hipp Building has a current condition code of 46 with existing maintenance needs of \$36,829,345 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

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

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: Capstone Student Bathroom Renovation/Window Replacement
PRIORITY NUMBER: 2
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$5,100,000
INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|-------------------------------|-----------------|--------------------|--------------------|
| Professional Service Fees | \$0 | \$510,000 | \$510,000 |
| Interior Building Renovations | \$0 | \$4,080,000 | \$4,080,000 |
| Contingency | \$0 | \$510,000 | \$510,000 |
| Total | \$0 | \$5,100,000 | \$5,100,000 |

| Source of Funds | Previous | Change | Revised |
|-----------------------------|-----------------|--------------------|--------------------|
| Housing Maintenance Reserve | \$0 | \$5,100,000 | \$5,100,000 |
| Total | \$0 | \$5,100,000 | \$5,100,000 |

DESCRIPTION:

The University requests approval to establish a project to renovate all of the student bathrooms in Capstone. The project will include abatement of hazardous material; plumbing, exhaust, and ventilation repair; tub enclosures, floor and wall tile replacement; and lavatories, water closets, and plumbing fixtures replacement. The plumbing system has deteriorated to the point where comprehensive replacement is necessary. In addition to bathroom renovations, this project will also address window replacement for the entire residence hall and repair/replacement of damaged/missing caulking. Several leaks occur annually and continual flooding will cause damage to the building. The windows are original to the 48 year old building and no longer maintain a weather/water tight seal.

E&G MAINTENANCE NEEDS:

N/A - Auxiliary

ANNUAL OPERATING COSTS/SAVINGS:

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

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: Cliff Apartments Replacement of Domestic Water Lines
PRIORITY NUMBER: 3
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$1,750,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$175,000 | \$175,000 |
| Interior Building Renovations | \$0 | \$1,400,000 | \$1,400,000 |
| Contingency | \$0 | \$175,000 | \$175,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,750,000</i> | <i>\$1,750,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Housing Maintenance Reserve | \$0 | \$1,750,000 | \$1,750,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,750,000</i> | <i>\$1,750,000</i> |

DESCRIPTION:

The University requests approval to establish a project to replace all of the plumbing associated with the Cliff Apartments domestic water system. All associated hazardous material encountered as part of the project will be properly abated. The plumbing in the domestic water system is original to the 42 year old building. The original copper piping is defective causing multiple leaks over the years.

E&G MAINTENANCE NEEDS:

N/A – Auxiliary

ANNUAL OPERATING COSTS/SAVINGS:

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

UNIVERSITY OF SOUTH CAROLINA COLUMBIA

PROJECT NAME: Woodrow College Renovation
PRIORITY NUMBER: 5
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$8,900,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$890,000 | \$890,000 |
| Interior Building Renovations | \$0 | \$7,120,000 | \$7,120,000 |
| Contingency | \$0 | \$890,000 | \$890,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$8,900,000</i> | <i>\$8,900,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Housing Revenue Bonds | \$0 | \$8,900,000 | \$8,900,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$8,900,000</i> | <i>\$8,900,000</i> |

DESCRIPTION:

The University requests approval to establish a project to renovate Woodrow College residence hall. All mechanical, electrical, and plumbing systems will be replaced as well as all furniture, fixtures, and equipment. The roof will be replaced and all hazardous materials encountered will be abated. Card access will be installed and the residence hall will receive all new flooring and finishes. The interior of the building will be reconfigured to provide an additional 44 beds.

E&G MAINTENANCE NEEDS:

N/A – Auxiliary

ANNUAL OPERATING COSTS/SAVINGS:

The project is not expected to generate additional operating costs at this time and should generate additional housing revenue from the increased capacity.

MEDICAL UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME: Capital Renewal Projects 2015-16
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$4,000,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|----------------------|-----------------------|
| Professional Service Fees | \$0 | \$480,000 | \$480,000 |
| Other Permanent Improvements | \$0 | \$3,040,000 | \$3,040,000 |
| Other | \$0 | \$80,000 | \$80,000 |
| Contingency | \$0 | \$400,000 | \$400,000 |
| Total | \$0 | \$4,000,000 | \$4,000,000 |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|----------------------|-----------------------|
| University General Funds | \$0 | \$4,000,000 | \$4,000,000 |
| Total | \$0 | \$4,000,000 | \$4,000,000 |

DESCRIPTION:

The University requests approval to establish a project to replace a portion of the boiler system tank in Thurmond Gazes Building; replace/repair roofs on the Psychiatric Hospital, Harper Student Center, Wellness Center, Alumni House, and the Hazardous and Radiological Waste Storage Buildings; and other miscellaneous projects.

E&G MAINTENANCE NEEDS:

This project will eliminate a portion of the \$177,160,076 in existing maintenance needs over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

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

MEDICAL UNIVERSITY OF SOUTH CAROLINA

PROJECT NAME: Jonathan Lucas St. Garage Waterproofing & Masonry Repair
PRIORITY NUMBER: 2
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$2,550,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$255,000 | \$255,000 |
| Other | \$0 | \$2,040,000 | \$2,040,000 |
| Contingency | \$0 | \$255,000 | \$255,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$2,550,000</i> | <i>\$2,550,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Parking Revenue | \$0 | \$2,550,000 | \$2,550,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$2,550,000</i> | <i>\$2,550,000</i> |

DESCRIPTION:

The University requests approval to establish a project to repair and waterproof the Jonathan Lucas Street Parking Garage. Scope of work will include waterproofing to stem water migration throughout the structure and protect from further damage, repair concrete floor slabs, and replace some of the concrete and brick masonry. The masonry walls at the roof and precast façade panels along the perimeter are potential safety issues. This project will be performed in three phases over a three year period.

E&G MAINTENANCE NEEDS:

N/A – Auxiliary

ANNUAL OPERATING COSTS/SAVINGS:

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

THE CITADEL

PROJECT NAME: Replace Duckett Hall HVAC System
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$1,200,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|--------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$70,000 | \$70,000 |
| Building Utilities Renovations | \$0 | \$1,090,000 | \$1,090,000 |
| Contingency | \$0 | \$40,000 | \$40,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,200,000</i> | <i>\$1,200,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|--|------------------------|---------------------------|---------------------------|
| State Capital Reserve Fund FY 2016 (Pending Approval) | \$0 | \$1,200,000 | \$1,200,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,200,000</i> | <i>\$1,200,000</i> |

DESCRIPTION:

The University requests approval to establish a project to replace the Duckett Hall HVAC System. Constructed in 1969, Duckett Hall contains approximately 23,900 SF and houses the Biology Department. The original HVAC systems are still in operation although they have an expected lifespan of only 20 years. All three HVAC systems are in poor condition and controls are antiquated beyond repair.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, Duckett Hall has a heating and cooling system rating of 2.875 out of 5 with existing maintenance needs of \$1,381,698 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

Maintenance and energy will require additional operating costs of \$6,900 in the first year, \$7,080 in the second year, and \$7,270 in the third year following project completion.

THE CITADEL

PROJECT NAME: Renovate Byrd Hall Organic Chemistry Lab
(Rooms 410/412)

PRIORITY NUMBER: 2

REQUESTED ACTION: Establish Project

REQUESTED ACTION AMOUNT: \$1,450,000

INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|--------------------------------|-----------------|--------------------|--------------------|
| Professional Service Fees | \$0 | \$50,000 | \$50,000 |
| Interior Building Renovations | \$0 | \$722,800 | \$722,800 |
| Building Utilities Renovations | \$0 | \$615,500 | \$615,500 |
| Contingency | \$0 | \$61,700 | \$61,700 |
| Total | \$0 | \$1,450,000 | \$1,450,000 |

| Source of Funds | Previous | Change | Revised |
|--|-----------------|--------------------|--------------------|
| State Capital Reserve Fund FY 16 (Pending Approval) | \$0 | \$1,450,000 | \$1,450,000 |
| Total | \$0 | \$1,450,000 | \$1,450,000 |

DESCRIPTION:

The University requests approval to establish a project to renovate two organic chemistry labs on the fourth floor of Byrd Hall. The project will provide dedicated teacher fume hoods which will run continuously, new student fume hoods, increased/dedicated HVAC, electrical upgrades, improved overhead lighting, new safety shower, and interior finishes. Renovations will provide an improved teaching and learning environment with increased lab safety features and experiment capability.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, Byrd Hall has a current condition code of 84 with existing maintenance needs of \$2,022,562 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

Maintenance and energy will require additional operating costs of \$6,900 in the first year, \$7,080 in the second year, and \$7,270 in the third year following project completion.

COLLEGE OF CHARLESTON

PROJECT NAME: 123 Bull Street Renovation
PRIORITY NUMBER: 2
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$3,200,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$201,291 | \$201,291 |
| Equipment and/or Materials | \$0 | \$300,000 | \$300,000 |
| Interior Building Renovations | \$0 | \$1,712,911 | \$1,712,911 |
| Builders Risk Insurance | \$0 | \$15,000 | \$15,000 |
| Other | &0 | \$326,700 | \$326,700 |
| Contingency | \$0 | \$644,098 | \$644,098 |
| <i>Total</i> | <i>\$0</i> | <i>\$3,200,000</i> | <i>\$3,200,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Renovation Reserve Fund | \$0 | \$3,200,000 | \$3,200,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$3,200,000</i> | <i>\$3,200,000</i> |

DESCRIPTION:

The College requests approval to establish a project to renovate 123 Bull Street. The building was originally constructed in 1868 as a private residence. It now shares a lot with the Avery Research Center for African American History and Culture. Once renovated, it will serve as an extension of the Center. Scope of work will include replace/repair damaged wood framing and sill plates; replace brick piers to address structural issues; repair two-story piazza to address structural issues and maintenance needs; address moisture intrusion issues on exterior envelope; replace roof; repair/replace windows; repair exterior stucco; create ADA compliant first floor path and bathroom facilities; install commercial fire sprinkler system and update fire alarm systems; and install new HVAC, electrical, and plumbing systems to meet building and energy code requirements.

E&G MAINTENANCE NEEDS:

This project will eliminate a portion of E&G maintenance needs. Calculations for this building are unavailable at this time because the facility has been taken temporarily offline due to its condition.

ANNUAL OPERATING COSTS/SAVINGS:

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

COLLEGE OF CHARLESTON

PROJECT NAME: 13 Coming Street Renovation
PRIORITY NUMBER: 3
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$3,150,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$199,273 | \$199,273 |
| Equipment and/or Materials | \$0 | \$300,000 | \$300,000 |
| Interior Building Renovations | \$0 | \$1,692,734 | \$1,692,734 |
| Builders Risk Insurance | \$0 | \$15,000 | \$15,000 |
| Other | \$0 | \$326,700 | \$326,700 |
| Contingency | \$0 | \$616,293 | \$616,293 |
| <i>Total</i> | <i>\$0</i> | <i>\$3,150,000</i> | <i>\$3,150,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Renovation Reserve Fund | \$0 | \$3,150,000 | \$3,150,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$3,150,000</i> | <i>\$3,150,000</i> |

DESCRIPTION:

The College requests approval to establish a project to renovate and reconfigure 13 Coming Street. Constructed in 1868, the building will be converted from student housing to E&G space. Upon completion it will house administrative and faculty offices. Scope of work will include reinforcement of masonry; framing upgrades to existing floors and porch stairs; reconfiguration of existing rear stairs to address building and fire code; replacement of mechanical, electrical, and plumbing systems; and installation of a commercial fire sprinkler system and upgraded fire alarm system.

E&G MAINTENANCE NEEDS:

This project will eliminate a portion of E&G maintenance needs. Calculations for this building are unavailable at this time because the facility has been taken temporarily offline due to its condition.

ANNUAL OPERATING COSTS/SAVINGS:

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

COLLEGE OF CHARLESTON

PROJECT NAME: Silcox Physical Education & Health Center Renovation
PRIORITY NUMBER: 4
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$26,000,000
INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|-------------------------------|-----------------|---------------------|---------------------|
| Professional Service Fees | \$0 | \$1,607,853 | \$1,607,853 |
| Equipment and/or Materials | \$0 | \$2,800,000 | \$2,800,000 |
| Interior Building Renovations | \$0 | \$14,616,844 | \$14,616,844 |
| Landscaping | \$0 | \$15,000 | \$15,000 |
| Builders Risk Insurance | \$0 | \$90,000 | \$90,000 |
| Other | \$0 | \$1,691,000 | \$1,691,000 |
| Contingency | \$0 | \$5,179,303 | \$5,179,303 |
| Total | \$0 | \$26,000,000 | \$26,000,000 |

| Source of Funds | Previous | Change | Revised |
|-----------------------------|-----------------|---------------------|---------------------|
| Institutional Revenue Bonds | \$0 | \$23,000,000 | \$23,000,000 |
| Private Funds | \$0 | \$3,000,000 | \$3,000,000 |
| Total | \$0 | \$26,000,000 | \$26,000,000 |

DESCRIPTION:

The College requests approval to establish a project to renovate the Silcox Physical Education and Health Center. Constructed in 1939, the building originally served as a Works Progress Administration (WPA) project. The building is in significant need of exterior and interior renovations to preserve the historic structure, increase program functionality, and bring the building up to current codes.

The building currently serves as the primary teaching and research location for the Department of Health and Human Performance as well as provides indoor recreational space for the student body. This project will add a new floor level at the current double-height gymnasium. This will allow for the reconfiguration of space to provide more useful and better proportioned classrooms and research labs. In addition to functional improvements, the project will provide for structural, mechanical, electrical, and accessibility improvements.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, the Silcox Physical Education & Health Center has a current condition code of 38 with existing maintenance needs of \$5,998,487 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

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

GREENVILLE TECHNICAL COLLEGE

PROJECT NAME: Building 112 Roof Replacement
PRIORITY NUMBER: 2
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$1,200,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$90,000 | \$90,000 |
| Roofing | \$0 | \$1,000,000 | \$1,000,000 |
| Contingency | \$0 | \$110,000 | \$110,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,200,000</i> | <i>\$1,200,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Local Funds | \$0 | \$1,200,000 | \$1,200,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,200,000</i> | <i>\$1,200,000</i> |

DESCRIPTION:

The College requests approval to establish a project to replace the roof, flashing, drains and approximately 30% of the existing metal roof decking on Building 112. The remaining 70% of the metal roof decking will be cleaned by wire brushing and an application of protective sealant will be applied. Current building codes require seismic bracing which will also be installed.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, Building 112 has a roof system rating of 3.333 out of 5 with existing maintenance needs of \$1,961,049 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

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

ORANGEBURG-CALHOUN TECHNICAL COLLEGE

PROJECT NAME: Re-Roofing Projects – Buildings A-J and Connecting Corridors (*Coming thru as an Interim Capital Project*)
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$2,100,000
INITIAL CHE APPROVAL DATE: N/A

| Project Budget | Previous | Change | Revised |
|---------------------------|-----------------|--------------------|--------------------|
| Professional Service Fees | \$0 | \$75,000 | \$75,000 |
| Roofing | \$0 | \$2,025,000 | \$2,025,000 |
| Total | \$0 | \$2,100,000 | \$2,100,000 |

| Source of Funds | Previous | Change | Revised |
|------------------------|-----------------|--------------------|--------------------|
| Local Funds | \$0 | \$2,100,000 | \$2,100,000 |
| Total | \$0 | \$2,100,000 | \$2,100,000 |

DESCRIPTION:

The College requests approval to establish a project to re-roof buildings A thru J and connecting corridors. Scope of work will include all components of roof replacement including addressing any secondary drainage. The roofs are over 25 years old and recent assessments have confirmed the need to expedite their replacement.

E&G MAINTENANCE NEEDS:

Based on Fall 2014 data, Buildings A thru J each have a roof system rating of 4 out of 5, and have combined existing maintenance needs of \$3,008,711 over the next twenty years.

ANNUAL OPERATING COSTS/SAVINGS:

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

SPARTANBURG COMMUNITY COLLEGE

PROJECT NAME: Relocation/Renovation Culinary Program
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$1,087,739
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Professional Service Fees | \$0 | \$130,528 | \$130,528 |
| Interior Building Renovations | \$0 | \$870,192 | \$870,192 |
| Contingency | \$0 | \$87,019 | \$87,019 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,087,739</i> | <i>\$1,087,739</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Local Funds | \$0 | \$1,087,739 | \$1,087,739 |
| <i>Total</i> | <i>\$0</i> | <i>\$1,087,739</i> | <i>\$1,087,739</i> |

DESCRIPTION:

The College requests approval to establish a project to relocate the Culinary Program from the Central Campus to a new location in the Spartanburg Downtown Business District. A building which formerly housed the Denny’s corporate test kitchen has been offered to the College at a minimal lease rate. The 10,000 SF space will be renovated into classrooms and labs to include culinary teaching kitchens with dining facilities. The space has utilities conducive to kitchen equipment setup and includes some large refrigeration equipment which will remain and can be utilized. The building is located near the Evans Academic Center.

E&G MAINTENANCE NEEDS:

N/A – newly acquired facility

ANNUAL OPERATING COSTS/SAVINGS:

Rent and operating expenses will require additional operation costs of \$40,162 in the second year, and \$57,913 in the third year following project completion.

PROJECTS REQUESTING ESTABLISHMENT OR AN INCREASE TO THE BUDGET

LAND ACQUISITIONS
FY 2015-16 CPIP Year One

COLLEGE OF CHARLESTON

PROJECT NAME: Potential Land Acquisition
PRIORITY NUMBER: 5
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$4,000,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|---------------------------|---------------------------|
| Land Purchase | \$0 | \$4,000,000 | \$4,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$4,000,000</i> | <i>\$4,000,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|---------------------------|---------------------------|
| Excess Debt Service | \$0 | \$4,000,000 | \$4,000,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$4,000,000</i> | <i>\$4,000,000</i> |

DESCRIPTION:

The College's five year plan factors in potential land acquisitions in the event an opportunity to expand the College's footprint should arise. The 2012 Campus Master Plan found that utilization of existing facilities exceeds standards, yet the College faces a significant, growing space deficit. The Plan identified several land parcels located on the fringes of the existing campus that would enable the development of needed facilities as well as enhance the vibrancy of prominent city streets. These potential land parcels are included in the institution's Master Land Acquisition plan approved by CHE on November 1, 2012.

The 2012 Campus Master Plan predicts that the College will experience an 896,000 SF space deficit by the year 2020. Given the College's unique location within the city center and a historic zone, growth opportunities within the existing footprint are limited.

E&G MAINTENANCE NEEDS:

N/A – Land Acquisition

ANNUAL OPERATING COSTS/SAVINGS:

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

DENMARK TECHNICAL COLLEGE

PROJECT NAME: Land Purchase “Smith Property”
PRIORITY NUMBER: 1
REQUESTED ACTION: Establish Project
REQUESTED ACTION AMOUNT: \$19,000
INITIAL CHE APPROVAL DATE: N/A

| <u>Project Budget</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|------------------------------|------------------------|------------------------|------------------------|
| Land Purchase | \$0 | \$10,000 | \$10,000 |
| Professional Service Fees | \$0 | \$2,500 | \$2,500 |
| Site Development | \$0 | \$5,360 | \$5,360 |
| Contingency | \$0 | \$1,140 | \$1,140 |
| <i>Total</i> | <i>\$0</i> | <i>\$19,000</i> | <i>\$19,000</i> |

| <u>Source of Funds</u> | <u>Previous</u> | <u>Change</u> | <u>Revised</u> |
|-------------------------------|------------------------|------------------------|------------------------|
| Plant Funds | \$0 | \$19,000 | \$19,000 |
| <i>Total</i> | <i>\$0</i> | <i>\$19,000</i> | <i>\$19,000</i> |

DESCRIPTION:

The College requests approval to establish a project to acquire 2.48 acres of land located between two of the College’s buildings. The property is owned by the Smith Family and is needed to aid in securing the entire campus and to ensure a more safe campus environment for students, faculty, and staff.

E&G MAINTENANCE NEEDS:

N/A – Land Acquisition

ANNUAL OPERATING COSTS/SAVINGS:

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

South Carolina Commission on Higher Education
 Statewide Ranking of Requests for 2010-11
 Staff Recommendation as part of FY 20010-11 Budget Request

| Rank | Institution | Project Name | IP | Project Type | CIB Funds Requested | Total Points | Total Project Cost | Running Total - Pre-Design & Construction |
|--|---------------------------------------|---|----|-------------------------------|---------------------|--------------|--------------------|---|
| State Priorities for Institutions with Projects Scoring Greater Than 143 Points | | | | | | | | |
| 1 | Medical University of South Carolina | College of Dental Medicine Building | 1 | New Construction | \$30,000,000 | 184.50 | \$61,000,000 | \$30,000,000 |
| 2 | University of South Carolina Columbia | School of Law New Building | 1 | New Construction | \$20,000,000 | 183.00 | \$90,400,000 | \$50,000,000 |
| 3 | Piedmont Technical College | Building - Renovations Health (Bldg H), Science (S), Northeast Classroom/Engineering/Science Facility | 1 | Construction/Renovation | \$16,283,004 | 180.50 | \$21,347,680 | \$66,283,004 |
| 4 | Midlands Technical College | Construction of Science Facility | 1 | New Construction | \$18,000,000 | 179.00 | \$28,100,000 | \$84,283,004 |
| 5 | College of Charleston | Construction of Science Facility | 1 | New Construction | \$43,499,001 | 178.00 | \$58,000,000 | \$127,782,005 |
| 6 | Coastal Carolina University | New Science Building Construction (Phase III) | 1 | Construction/Renovation | \$35,000,000 | 171.00 | \$35,000,000 | \$162,782,005 |
| 8 | The Citadel | Capers Hall Replacement | 1 | New Construction | \$36,060,320 | 165.50 | \$39,060,320 | \$198,842,325 |
| 9 | Aiken Technical College | Building | 1 | New Construction | \$9,963,835 | 163.00 | \$12,454,794 | \$208,806,160 |
| 10 | University of South Carolina Upstate | Information Resource Center Construction/Repair Renovation of Library Classroom Building | 1 | New Construction/Renovation | \$29,800,000 | 162.50 | \$33,000,000 | \$238,606,160 |
| 11 | Winthrop University | Library Replacement | 1 | New Construction | \$50,000,000 | 161.50 | \$50,000,000 | \$288,606,160 |
| 13 | Technical College of the Lowcountry | Renovations | 1 | Renovation | \$2,240,000 | 154.50 | \$2,350,000 | \$290,846,160 |
| 14 | University of South Carolina Sumter | Instructional Laboratories Building | 1 | New Construction | \$17,825,000 | 153.00 | \$17,825,000 | \$308,671,160 |
| 15 | York Technical College | Allied Health Classroom & Laboratory Building | 1 | New Construction | \$15,384,160 | 152.00 | \$19,230,200 | \$324,055,320 |
| 16 | South Carolina State University | Whittaker Library Expansion/Renovations | 1 | Construction/Renovation | \$23,547,744 | 143.50 | \$24,000,000 | \$347,603,064 |
| State Priorities for Institutions with a Second Project Scoring greater than 143 Points | | | | | | | | |
| 7 | College of Charleston | Expansion and Renovation of Science Facilities | 2 | Construction/Renovation | \$40,000,000 | 168.00 | \$40,000,000 | \$387,603,064 |
| 7 | Medical University of South Carolina | Building | 3 | New Construction | \$40,000,000 | 168.00 | \$40,000,000 | \$427,603,064 |
| 12 | The Citadel | Daniel Library Renovation | 2 | Construction/Renovation | \$25,514,125 | 157.00 | \$25,514,125 | \$453,117,189 |
| Projects Scoring Less than 143 Points | | | | | | | | |
| 17 | Lander University | Construction of New University Center | 1 | New Construction/Renovation | \$36,075,000 | 139.50 | \$36,075,000 | \$489,192,189 |
| 18 | Trident Technical College | Nursing/Science/Math Building | 1 | New Construction | \$23,493,600 | 136.50 | \$29,367,000 | \$512,685,789 |
| 19 | Clemson University | Engineering & Science Building | 2 | New Construction | \$30,000,000 | 135.00 | \$40,000,000 | \$542,685,789 |
| 19 | Lander University | Jackson Library Renovation | 2 | Renovation | \$13,852,975 | 135.00 | \$13,852,975 | \$556,538,764 |
| 20 | Central Carolina Technical College | Renovate/Repurpose - Main Campus | 1 | Renovation | \$758,265 | 134.50 | \$947,832 | \$557,297,029 |
| 21 | Florence-Darlington Technical College | Automotive/Auto Body Program Expansion | 2 | New Construction | \$2,880,000 | 131.50 | \$3,600,000 | \$560,177,029 |
| 22 | Clemson University | Hunter Hall Addition | 1 | New Construction | \$50,000,000 | 131.00 | \$50,000,000 | \$610,177,029 |
| 13 | Horry-Georgetown Technical College | Renovation/Expansion of Building 400 - Conway | 1 | New Construction/Renovation | \$6,000,000 | 127.00 | \$7,500,000 | \$616,177,029 |
| 23 | Horry-Georgetown Technical College | Renovation/Expansion of Building 300 - Conway | 2 | New Construction/Renovation | \$6,000,000 | 127.00 | \$7,500,000 | \$622,177,029 |
| 24 | Spartanburg Community College | Academic/Library Building Construction - Phase II | 1 | New Construction | \$4,070,000 | 124.00 | \$9,900,000 | \$626,247,029 |
| 25 | Francis Marion University | of Business Building Construction | 2 | New Construction | \$21,250,000 | 123.50 | \$22,000,000 | \$647,497,029 |
| 26 | University of South Carolina Union | ning Resources Center Construction | 3 | Construction/Site Development | \$6,000,000 | 121.00 | \$6,000,000 | \$653,497,029 |
| 26 | Horry-Georgetown Technical College | Renovation/Expansion of Building 100 - Grand Strand | 3 | New Construction/Renovation | \$2,250,000 | 121.00 | \$3,000,000 | \$655,747,029 |
| 27 | Spartanburg Community College | West Building Renovation | 2 | Renovation | \$6,200,000 | 117.00 | \$6,200,000 | \$661,947,029 |

South Carolina Commission on Higher Education
Statewide Ranking of Requests for 2010-11
Staff Recommendation as part of FY 20010-11 Budget Request

| Rank | Institution | Project Name | IP | Project Type | CIB Funds Requested | Total Points | Total Project Cost | Running Total - Pre-Design & Construction |
|------------------|---|---|----|------------------|---------------------|--------------|--------------------|---|
| 28 | Tri-County Technical College | Student Life Center | 1 | New Construction | \$9,200,000 | 113.50 | \$11,500,000 | \$671,147,029 |
| 29 | Greenville Technical College | Greer Classroom Building | 2 | New Construction | \$5,073,630 | 113.00 | \$6,342,038 | \$676,220,659 |
| 30 | University of South Carolina Salkehatchee | Science & Technology Center Construction | 4 | New Construction | \$12,817,628 | 110.50 | \$13,817,628 | \$689,038,287 |
| 31 | Williamsburg Technical College | Technology Building | 1 | New Construction | \$7,500,000 | 110.00 | \$10,200,000 | \$696,538,287 |
| 32 | Aiken Technical College | Nursing Building | 2 | New Construction | \$6,152,580 | 107.00 | \$7,690,725 | \$702,690,867 |
| 33 | Greenville Technical College | Barton Campus Classroom Building Construction | 1 | New Construction | \$9,632,960 | 104.50 | \$12,041,200 | \$712,323,827 |
| 33 | Technical College of the Lowcountry | New River Technology Building | 3 | New Construction | \$15,100,000 | 104.50 | \$15,400,000 | \$727,423,827 |
| 33 | Orangeburg-Calhoun Technical College | Advanced & Emerging Technology Center | 1 | New Construction | \$4,800,000 | 104.50 | \$6,000,000 | \$732,223,827 |
| 34 | Francis Marion University | Office Services Building | 3 | New Construction | \$800,000 | 101.00 | \$800,000 | \$733,023,827 |
| 35 | Florence-Darlington Technical College | Manufacturing Incubator Center | 1 | New Construction | \$4,144,800 | 100.50 | \$5,181,000 | \$737,168,627 |
| 36 | University of South Carolina Aiken | New Academic Center | 1 | New Construction | \$15,000,000 | 98.00 | \$15,000,000 | \$752,168,627 |
| 37 | University of South Carolina Beaufort | South Campus Classroom Building Construction | 1 | New Construction | \$14,999,118 | 97.00 | \$14,999,118 | \$767,167,745 |
| 38 | Orangeburg-Calhoun Technical College | Renovation of Industrial Building | 3 | Renovation | \$250,000 | 91.50 | \$250,000 | \$767,417,745 |
| 39 | Central Carolina Technical College | Renovate/Repurpose - Downtown Site | 2 | Renovation | \$1,553,165 | 89.50 | \$1,553,165 | \$768,970,910 |
| 40 | University of South Carolina Aiken | Etheredge Center Classroom Additions | 4 | New Construction | \$7,200,000 | 88.50 | \$7,500,000 | \$776,170,910 |
| 41 | Spartanburg Community College | Tyger River Building 2 Renovation - Phase III | 3 | Renovation | \$2,340,000 | 84.50 | \$5,340,000 | \$778,510,910 |
| 42 | University of South Carolina Lancaster | Classroom Building Construction | 1 | New Construction | \$6,800,000 | 74.50 | \$7,300,000 | \$785,310,910 |
| N/A | South Carolina State University | Demolition & New Construction | 2 | New Construction | \$14,350,000 | 0.00 | \$14,350,000 | \$799,660,910 |
| N/A | Denmark Technical College | Information Technology Center | 1 | New Construction | \$5,175,000 | 0.00 | \$5,175,000 | \$804,835,910 |
| Cumulative Total | | | | | \$804,835,910 | | \$993,664,800 | |

SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION CAPITAL FUNDING GOALS FOR PUBLIC HIGHER EDUCATION INSTITUTIONS

The following goals have been formulated to guide the Commission on Higher Education in making capital funding recommendations to the Governor and the General Assembly.

STATEWIDE GOALS

- To ensure campus health and safety by supporting projects designed to remedy existing issues that adversely affect human well being
- To address critical maintenance needs of the institutions, thereby protecting the State's capital investment in higher education
- To alleviate problems resulting from critical enrollment and/or programmatic growth, including needs for state-of-the-art academic space
- To support needs that are significant to continuing economic development in the state or service area

Points will be assigned to Related Standards, Rating Criteria, and Other Considerations. A maximum of 80 points may be generated through Related Standards and a maximum of 120 points may be generated through Rating Criteria. An additional 5 points may be generated based on Other Considerations. Projects will be rated according to the total combined number of points generated up to a maximum of 205 points.

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(REVISED FEBRUARY 2009)

SECTION I – RELATED STANDARDS

Each proposed project will be reviewed and rated for consistency and compatibility with the following related standards:

- ❖ **STANDARD 1. The proposed project is consistent with the institutions master plan and is critical and central to the institution's approved mission. (If project does not meet these criteria, request will not be scored, prioritized, or recommended for state bond funding.)**

- **EVALUATION**

- a. Evaluated against approved mission statement augmented by institution data which can include the project's consistency with the institution's Master Plan and Strategic Plan.

- ❖ **STANDARD 2. The degree to which the proposed project's ultimate outputs (e.g., degrees awarded by discipline, number of graduates, type and volume of research, etc.) are adding critical capacity and functionality to address defined state needs. (up to 24 points)**

- **EVALUATION**

- a. Academic space per FTE and/or Sq Ft of research space per research \$ expended, augmented by institutional data if available.

- i. Equal to or under standard = 24
- ii. Over standard plus confirming documentation = 20
- iii. Over standard but no documentation or documentation N/A = 0

- ❖ **STANDARD 3. The degree to which the need for the quantity and type of space can be defended through the application of objective space analysis, including space guidelines and appropriateness of offerings. (up to 20 points)**

1. EVALUATION

- a. Measured against fall 2008 space factor for classroom utilization, augmented by institutional data if available (studies showing that additional space or different space is needed)
 - i. Under standard = 20
 - ii. External documentation of accreditation deficiencies = 20
 - iii. Over standard plus confirming documentation = 16
 - iv. Over standard but no documentation or documentation N/A = 0

❖ **STANDARD 4. The degree of non-capital improvement bond funding beyond the required local support included in the project. (up to 20 points)**

1. EVALUATION

- a. Information from CPIP, augmented by data provided by institution if available
 - i. Documented external funding of 20% or more of total project = 20
 - ii. Documented external funding < 20% of total project = 15
 - iii. Documented external funding < or = 15% of total project = 10
 - iv. Documented external funding < or = 10% of total project = 5
 - v. Documented external funding < 5% of total project = 0

❖ **STANDARD 5. Documented Operational Savings or Documented Reduction in Maintenance Needs. (up to 10 points)**

1. EVALUATION

- a. Verification that project has operational savings, or reduction in maintenance needs
 - i. Both verifications = 10
 - ii. One of the above = 7

❖ **STANDARD 6. Documentation that all alternatives have been explored and that the proposed remedy is the best option available. (up to 6 points)**

1. EVALUATION

- a. Documentation included in CPIP – 6

Maximum Points for Related Standards = 80

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SECTION II – RATING CRITERIA

1) HEALTH & SAFETY (up to 30 points)

a. The degree to which an existing condition can be documented to be unsafe and/or unhealthy for human well being. (up to 15 points)

➤ **EVALUATION**

- ❖ Verified by professional study or institutional evaluation:
 - i. Air quality, code issues, or life safety issues (professional study) = 15
 - ii. Air quality, code issues, or life safety issues (institutional justification) = 7

b. The appropriateness of the proposed solution to the defined health or safety issue.

➤ **EVALUATION**

- ❖ Institutional documentation = 7.5

c. The degree that the institution’s and the State’s well being would be adversely impacted through discontinuance of activities if the defined health and safety issue(s) are not addressed.

➤ **EVALUATION**

- ❖ Information from CPIP, studies on file at CHE, and institutional documentation if provided
 - i. Institutional verification that activities could not be conducted in alternate facilities so as to require discontinuance = 7.5

2) MAINTENANCE NEEDS (MN) (up to 30 points)

a. The degree to which the proposed project addresses maintenance needs as reported in the institution’s CHEMIS submission using a rolling average over the most recent three-year period.

➤ **EVALUATION**

- ❖ Information will be obtained from Building Data Summary, generated by CHEMIS. Points assigned based on range of building condition codes (below):

| <u>Building or Infrastructure Condition Code</u> | <u>Points Assigned</u> |
|--|------------------------|
| New Construction or N/A | 0 |
| 90-100 | 0 |
| 80-89 | 7.5 |
| 70-79 | 12.5 |
| 0-69 | 15 |

b. The degree to which the institution’s expenditures for building maintenance compare with the amount generated for building maintenance¹ in the MRR (according to the percent funded to the institution) using a rolling average for the most recent three-year period.

➤ **EVALUATION**

- ❖ Institutions report amount expended for routine maintenance (from any source) for E&G Buildings. Data will be compared with the amounts generated by MRR (at the percent funded to the institution) and averaged for the most recent three-year period.
 - i. Expenditure for E&G maintenance equal to or greater than MRR estimates = 15
 - ii. Expenditure not reported but data for estimate available to CHE = 15
 - iii. Expenditure less than MRR estimate or not reported and estimate not available = 0

3) ENROLLMENT & PROGRAMMATIC GROWTH (up to 30 points)

- a. **The degree to which a space shortage can be objectively supported through space analysis – both on an institutional macro level as well as the micro level of a particular program.**

➤ **EVALUATION**

- ❖ Data to be supplied by institution
- i. External confirming documentation/data = 15
 - ii. Internal confirming documentation/data = 12.5
 - iii. None Reported or N/A = 0

- b. **The degree to which the need for the outputs of the additional proposed space cannot be met through alternative delivery systems (e.g., distance learning technologies, etc.).**

➤ **EVALUATION**

- ❖ Data to be supplied by institution, if applicable.
- i. If none can be met based on program of study = 15
 - ii. If all dedicated to distance learning = 15
 - iii. If can be partially met = 11
 - iv. No documentation or N/A = 0

4) ECONOMIC DEVELOPMENT (up to 30 points)

- a. **The proposed project is consistent with the State's and/or service area's priorities for continuing economic development as supported by appropriate economic development entities (e.g., State, Local, or Regional Departments of Commerce).**

➤ **EVALUATION**

- ❖ Documented evidence – 10

- b. **The proposed project is a critical component of an articulated State, regional, or community comprehensive economic development plan.**

➤ **EVALUATION**

- ❖ Documented evidence – 10

- c. **Funding critical to the overall success of the economic development initiative was provided by external parties (e.g. Local funding).**

➤ **EVALUATION**

- ❖ Documented evidence of funding amounts – 10

Maximum Points for Rating Criteria = 120

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SECTION III – OTHER CONSIDERATIONS

1. Previously Approved Capital Improvement Bonds (CIBs) & State Funding

Projects that have previously received CIBs and/or State funding (documentation to be provided by the institution) will be scored in the following manner:

- If percentage of previous amount funded is greater than 25% of the current project = 4 points
- If percentage of previous amount funded is less than 25% of the current project = 2 points

2. Longevity of Request for CIB Funding

- If institution has previously requested state bond funding (in year two of the CPIP) for this project continuously for five or more years = 1 point (*Institutions must provide appropriate documentation.*)

3. Essential Sequencing of Multiple Projects

Projects that require a phasing sequence with other projects in the ranking list will be listed in the order required. An example of a phasing requirement would be a utility plant expansion request that would need to be completed before a new building request could come online due to insufficient existing utilities capacities. If the rankings established by the process outlined in this document do not place projects in the appropriate phasing sequence, then the project rankings will be revised accordingly. This would be accomplished by ranking all other projects involved in the phasing sequence behind the initial project. If the second project has a higher percentage point total, then it will be moved to immediately after the first project. The rationale would continue for the third and subsequent projects as necessary. (*This may be used for projects that have received partial funding and for which the institution can document a continuing critical need and/or to differentiate between projects that have the same scores.*)

Maximum Points for Other Considerations = 5 points

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¹ **Building Maintenance** is defined as the work necessary to keep a building in good appearance and usable condition and prevent the building from deterioration once it has been placed in first class condition for that type and age of building. Building maintenance includes minor repairs and alterations, costs of materials, hire of personnel, and other necessary expenses for the repair and/or painting of the following: roofs, exterior walls, foundations, flooring, ceilings, partitions, doors, windows, plaster, structural ironworks, screens, windows shades, blinds, plumbing, heating and air conditioning equipment within or a part of the building, electric wiring, light fixtures (including the replacement of lamps), washing of all outside window surfaces, built-in shelving, and other related items.

FY 2015-16 Institutional Budget Information - Capital Projects

| | |
|--|-------------------|
| Clemson University | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Business and Behavioral Science Building | 25,000,000 |
| Advanced Materials Science Complex Building | 25,000,000 |
| Outdoor Laboratory Facilities Maintenance | 2,400,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 52,400,000 |

| | |
|--|-------------------|
| USC - Columbia | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Classroom/Laboratory Redevelopment (Old Law School Renovation) | 21,500,000 |
| War Memorial Renovation | 4,000,000 |
| Honors College Building Addition Construction | 5,000,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 30,500,000 |

| | |
|--|-------------------|
| Medical University of South Carolina | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Deferred Capital Renewal | 16,900,000 |
| Children's Hospital & Women's Pavilion | 20,000,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 36,900,000 |

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|--|-------------------|
| The Citadel | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Stevens Barracks Sustainment - Construction | 2,500,000 |
| Capers Hall Replacement/Renovation | 25,000,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 27,500,000 |

| | |
|--|-------------------|
| Coastal Carolina University | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Non-Recurring Funds for Science Complex Construction | 30,500,000 |
| Non-Recurring Funds Jackson Student Center Annex II | 12,000,000 |
| Non-Recurring Funds Soccer/Track Stadium and Facility | 4,500,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 47,000,000 |

| | |
|--|--------------------|
| College of Charleston | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| The Learning Technology Center Construction | 35,000,000 |
| Stern Student Center Conversion | 9,750,000 |
| Simons Center for the Arts Renovation | 53,500,000 |
| Silcox Physical Education & Health Center Renovation | 23,000,000 |
| 58 George Street Renovation | 3,900,000 |
| | |
| | |
| Sub-Totals (Form C) | 125,150,000 |

| | |
|--|-------------------|
| Francis Marion University | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Honors Learning Center | 3,100,000 |
| School of Business & Education Building | 21,000,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 24,100,000 |

| | |
|--|-------------------|
| Lander University | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Addition/Renovation to Grier Student Center | 7,500,000 |
| Addition/Renovation to Nursing Building | 5,000,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 12,500,000 |

| | |
|--|-------------------|
| South Carolina State University | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Maintenance | 11,103,862 |
| Transportation Center Matching Funds | 1,600,000 |
| Technology Services Security and Upgrades | 2,558,750 |
| | |
| | |
| Sub-Totals (Form C) | 15,262,612 |

FY 2015-16 Institutional Budget Information - Capital Projects

| | |
|--|-------------------|
| USC - Aiken | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Penland Administration Building HVAC Replacement | 4,000,000 |
| Library Renovation/Learning Commons | 10,000,000 |
| Life Cycle Funding for Plant and Equipment Maintenance | 300,000 |
| | |
| | |
| Sub-Totals (Form C) | 14,300,000 |

| | |
|--|-------------------|
| USC - Beaufort | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Classroom Building - USC Beaufort | 15,000,000 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 15,000,000 |

| | |
|--|-------------------|
| USC - Upstate | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Information Resource Center Construction/Repair & Renovate Library Classroom Building - State Project H34-9517 | 29,800,000 |
| Addition/Upgrades to Horace C. Smith Science Building | 8,250,000 |
| | |
| | |
| Sub-Totals (Form C) | 38,050,000 |

| | |
|---|-------------------|
| Winthrop University | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Strategic Risk Management | 5,200,000 |
| Winthrop Music Conservatory/Bynes Auditorium Improvements | 8,000,000 |
| Multi-Media & Research Technology Hub | 55,000,000 |
| | |
| | |
| Sub-Totals (Form C) | 68,200,000 |

| | |
|---|------------------|
| USC - Palmetto College | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Life Cycle Funding for Physical Plant Maintenance - Palmetto College Campuses | 2,185,389 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 2,185,389 |

| | |
|--|--------------------|
| Technical Colleges | |
| <i>Form C (Capital or Non-Recurring Appropriation)</i> | |
| Individual College Initiative - Capital for High Demand Job Skill Training | 427,445,919 |
| | |
| | |
| | |
| Sub-Totals (Form C) | 427,445,919 |

The Maintenance Myth

Higher Education has accumulated \$1.2B in Deferred Maintenance

The Maintenance Truth

Higher Education has \$1.2B in Maintenance Needs over the next 20 years based on life-cycle analyses of the systems in our Educational & General Buildings and supporting Infrastructure.

And

Addressing maintenance needs is a shared responsibility.

Out-of-state students are responsible of 100% of the cost of maintaining (replacing, refurbishing, and renewing) their share of those systems.

In-state students share responsibility with the state for the cost of maintaining (replacing, refurbishing, and renewing) their share of those systems.

So \$1.2B becomes ~\$63M per year ($\$1.2B / 20 \text{ Years}$).

\$63M becomes the annual investment shared by the students and the state.

The out-of-state share is ~ \$17.4M, leaving ~\$46M.

Technical college maintenance costs are offset by local government support.

The in-state student share is ~ \$22.5M

This leaves ~\$19.9M as the state share of higher education's annual maintenance needs

Recommendations:

- Consider increasing the PIP threshold for new construction projects to reduce delays in processing. Current threshold is \$500,000.
- Consider increasing the PIP threshold for maintenance, renewal, and refurbishment projects to reduce delays in processing. Current threshold is \$1,000,000.
- Consider using CPIP Year 1 to approve the entire project budget. Consider raising the 1½% cap on A&E (Phase 1) and allow staff to process the construction phase (phase 2) if certain parameters are met.
- Consider approving the entire project budget for interim capital projects reserving the approval criteria used for CPIP approved projects.
- Consider basing funding priorities on CPIP Year 2 scoring for projects requesting support through the Capital Improvements Bond Bill (CIB) to inform legislators of state rather than institutional priorities.
- Consider funding maintenance needs based on life-cycle analysis and the amount needed to support in-state students.
- Consider establishing a policy requiring institutions to have a maintenance reserve account and allow annual state contributions for support of maintenance needs to be deposited into the reserve account and to carryover to accommodate larger maintenance project costs.