

# South Carolina Commission on Higher Education

Mr. Tim M. Hofferth, Chair  
Ms. Allison Dean Love, Vice Chair  
Mr. Paul O. Batson, III  
Mr. Devron H. Edwards  
Dr. Bettie Rose Horne  
Ms. Dianne C. Kuhl  
Dr. Louis B. Lynn  
Vice Admiral Charles Munns, USN (ret.)  
Mr. Clark B. Parker  
Mr. Kim F. Phillips  
Ms. Terrye C. Seckinger  
Dr. Jennifer B. Settlemyer  
Mr. Hood Temple  
Dr. Evans Whitaker  
  
Mr. Gary S. Glenn  
Interim Executive Director

**TO:** Mr. Hood Temple and Members of the Finance & Facilities Committee  
**FROM:** Mr. Gary S. Glenn, Interim Executive Director and Director of Fiscal Affairs  
**SUBJECT:** Committee Meeting, June 2, 2016  
**DATE:** May 26, 2016

A meeting of the Finance & Facilities Committee is scheduled to **be held in the Commission's Main Conference Room at 9:30 a.m. on Thursday, June 2.** The agenda and materials for the meeting are enclosed.

If you have any questions about the materials, please contact me at (803) 737-2155. We look forward to meeting with you on June 2.

*Enclosures*

**AGENDA**  
COMMITTEE ON FINANCE & FACILITIES  
JUNE 2, 2016  
9:30 A.M.  
MAIN CONFERENCE ROOM  
SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION  
1122 LADY STREET, SUITE 300  
COLUMBIA, SC 29201

- 1. Introductions**
- 2. Approval of Minutes of May 5, 2016**
- 3. Comprehensive Permanent Improvement Plans (CPIP)**
  - A. Year One Project Approvals
  - B. Years Two, Three, Four and Five Summaries (*For Information, No Action Required*)
- 4. Interim Capital Projects**
  - A. The Citadel
    1. Boat Center Redevelopment  
*Establish Project*
    2. Duckett Hall HVAC Replacement  
*Establish Project*
  - B. Orangeburg-Calhoun Technical College
    1. OCtech Re-Roofing Project – Buildings A thru J and Connecting Corridors  
*Increase Budget*
  - C. York Technical College
    1. York – Library Expansion and Learning Commons Construction  
*Change Source of Funds*
- 5. Other Business (*For Information, No Action Required*)**
  - A. List of Capital Projects & Leases Processed by Staff for May, 2016

MINUTES  
COMMITTEE ON FINANCE AND FACILITIES  
MAY 5, 2016  
9:30 A.M.  
MAIN CONFERENCE ROOM  
SOUTH CAROLINA COMMISSION ON HIGHER EDUCATION  
1122 LADY STREET, SUITE 300  
COLUMBIA, SC 29201

Committee Members Present

Commissioner Hood Temple, Chair  
Commissioner Dianne Kuhl  
Commissioner Louis Lynn  
Commissioner Clark Parker  
Commissioner Kim Phillips  
Commissioner Paul Batson

Mr. Charlie FitzSimons  
Mr. Brian Gaines  
Mr. Derek Gruner  
Mr. Michael Hughes  
Ms. Angie Leidinger  
Mr. Steve Osborne  
Mr. Rick Petillo  
Mr. Gary Pope  
Ms. Helen Zeigler

Members Absent

None

Guests Present

Chairman Tim Hofferth  
Vice Chair Allison Dean Love  
Commissioner Charles Munns  
Commissioner Terry Seckinger (via phone)  
Ms. Beth Bell  
Mr. Brett Dalton

Staff Present

Mr. Gary Glenn  
Ms. Julie Carullo  
Ms. Carrie Eberly  
Ms. Yolanda Myers  
Mr. Morgan O'Donnell  
Ms. Vickie Pratt

For the record, notification of the meeting was made to the public as required by the Freedom of Information Act.

**I. Call to Order**

Commissioner Temple called the meeting to order at 9:42 a.m. Ms. Pratt introduced guests in attendance.

**II. Approval of Minutes of Meeting on April 7, 2016**

A motion was made (Parker), seconded (Lynn) and carried to approve the minutes of the April 7, 2016 meeting.

**III. Interim Capital Projects**

The following projects were presented and discussed:

**A.) Coastal Carolina University**

## 1. Brooks Stadium Additions

Commissioner Temple presented the Coastal Carolina University Brooks Stadium Additions project and gave a brief history of the project.

Following Commissioner Temple's introduction, it was moved (Kuhl), seconded (Phillips), and voted to defer the Coastal Carolina University Brooks Stadium Additions to the full Commission for consideration.

## **B) College of Charleston**

### 1. Avery Envelope Renovation and Mechanical System Replacement

Mr. Glenn presented the project stating that the College of Charleston was bringing back the Avery Envelope Renovation and Mechanical System Replacement project. He stated that the project had been approved as an interim project and the A&E portion and estimated full cost of \$1.3M was approved. Mr. Glenn explained that after Phase 1, the College determined that the budget needed to be increased by \$292,677, which exceeds the threshold for staff approval. The project scope remained the same to include moisture intrusion; masonry wall repairs; removal, repair, resetting or replacement of the windows; and total replacement of all exterior sealant systems. Mr. Glenn stated that it had been confirmed that the building condition survey supported those weaknesses as noted in the E & G maintenance needs.

With no further questions, it was moved (Lynn), seconded (Kuhl), and voted to approve the revised budget for the College of Charleston Avery Envelope Renovation and Mechanical System Replacement.

## **C) Greenville Technical College**

### 1. Greenville – Demolition of Bldg. 602

Mr. Glenn presented the project stating that Greenville Technical College requested approval to demolish Building 602, which is the former Belk Department Store at the McAlister Square Mall. Mr. Glenn explained that the mall was purchased by Greenville Tech many years ago. It houses Greenville Tech's bookstore, administrative offices, class rooms and the University Center of Greenville. The space was to be occupied at some point when needed for classroom space. That need has not materialized. In the interim, the building had deteriorated over time to the point that it had structural deterioration of the roof which was leading to water penetration and mold inside the building. Mr. Glenn further explained that an analysis was done and it was determined that, at this point, the most prudent action to take was to demolish the building. He affirmed that it would cost far more to renovate and refurbish than the \$1.3M to demolish. The cost estimate included asbestos abatement, structural demolition, mall façade restoration, and design to re-route HVAC and chilled water lines.

Commissioner Lynn asked for clarification as to whether the other tenants had any financial liability. Mr. Glenn stated that the space was owned by Greenville Technical College and was not under lease to any other tenants. Commissioner Lynn asked whether the \$1.3M included the funding for the green space. Mr. Glenn stated that the green space was included in the \$1.3M.

With no further questions, it was moved (Phillips), seconded (Kuhl), and voted to approve Greenville Technical College Demolition of Bldg. 602.

#### **IV. SmartState® Operating Budget for FY 2016-17**

Mr. Glenn referred to the SmartState proposed FY 2016-17 operating budget and stated that the amount of \$570,767 represents a reduction of \$76,246 from the current budget. This reduction is coming primarily from the reduction of the administrative allowance to the three institutions from \$100,000 each that is being reduced to \$75,000 each for the three institutions. Mr. Glenn explained that the rationale is the Joint Other Funds Committee had authorized the final payment to the endowed chairs centers that had been approved. That part of the program has ended. The building of the program has been completed and the activities that remain involve administering the program. Currently, 60 of the 85 chairs in the 51 SmartState centers have been filled. Mr. Glenn added that another part of the reduction was salary and fringe which included removing 10% of his salary from the SmartState budget.

Mr. Glenn stated that the program was originally funded at \$180M (\$30M for 6 years), but has not been funded since 2008. Those funds generated interest that was placed back into the program, and what is left is administrative funds. Commissioner Lynn asked if the program was being sunsetted. Mr. Glenn explained that the program was not being sunsetted, but that the endowed chairs component had been completed. Ms. Julie Carullo added that the SmartState Review Board met and had discussions on the next steps for the program. A committee had been established and was to review the program over the summer to provide recommendations for the Board as to what the program will include going forward.

With no further questions, it was moved (Parker), seconded (Lynn), and voted to approve the SmartState program's operating budget for FY 2016-17.

#### **V. Comprehensive Permanent Improvement Plan (CPIP)**

Mr. Glenn gave a brief overview of the Comprehensive Permanent Improvement Plan for year one and years two through five. He stated that the CPIP is an annual exercise wherein the universities identify in year one projects that they will begin to execute within the next fiscal year. In order for projects to be included in year one, the institutions need to have the funding to execute the project or have very strong intent that the funding will materialize within that fiscal year. If the funding does not materialize, the institutions have to defer that project until they have the funding. Projects that are not on the list are brought individually before the Commission on a monthly basis as interim capital projects. The projects that are processed on CPIP year one come back to CHE and are reviewed by staff to be sure that the scope, the budget, and funding source of the project have remained constant with what was proposed. Mr. Glenn added that as the Director of Fiscal Affairs, if any of those three items change materially, he has the authority to bring back any project at any time, even if it's on the CPIP. Projects on year two are a combination of two types of activities. These are projects that the institutions have planned for one year out, and projects that the institutions don't have their own funding to take on and are requesting support through Capital Improvement Bonds (CIB) backed by the full faith and credit of the State. There has not been a capital bond bill since 2000. In the interim, the State has relied primarily on the Capital Reserve Fund that has been used in lieu of a bond bill to fund specific projects at specific institutions. Years three, four and five identify the long-range plans of the institutions to demonstrate that they are projecting those needs, are programming their resources to address those needs, and are addressing maintenance as life cycles come to an end.

Commissioner Hofferth stated that the Commission had approved in varying stages, \$534M of capital projects that have come before the F&F Committee. What is to be determined is how to do a better job at vetting those projects on behalf of the State. Commissioner Hofferth noted that the CHE is a steward of taxpayer dollars, there are limited resources, and there has got to be better accountability. CHE has been tasked with seeing the trends in higher education and effectively administering resources to meet those trends while keeping the excellence at the institutions. CHE is developing a new protocol or matrix in line

with access, affordability and excellence. He added that with the CPIP, the Commissioners need the ability to sort and sift through this list of projects with some criteria applied to this process. The issues regarding CPIP are of clarity and how CHE operates to meet its goals. The process is going to change. CHE will be transparent in the process. There is a lot to define. Commissioner Hofferth stated further that the F&F Committee will screen the projects and group them accordingly into "layups" (the ones critical to the institutional missions), those that need a little more information, and those the Commission would want to further scrutinize. That will give CHE an opportunity to streamline the process and know that every project that has been voted on by a Commissioner would be supported by data needed to make an educated decision.

Commissioner Parker stated that CHE is setting new standards, and from his standpoint he would like to be fair and see the same level of fairness across the board whether the project is \$1,000 or \$50M.

Commissioner Hofferth agreed and stated that fairness also includes being fair to the constituents.

Commissioner Temple stated that Commissioner Parker used the word fairness appropriately. What is most important is that CHE treat everyone the same by looking at each item to define which ones meet CHE standards. In moving forward, it's about being fair to the stakeholders and making sure that the job CHE is tasked with is properly completed.

Commissioner Lynn asked for clarification as to whether any of the projects on the list would change if there was a bond bill. Mr. Glenn stated that nothing would change on the year one list. The institutions were asked to provide the legislators with a list of projects that they would want State support to build. These projects are on years 2, 3, 4, or 5 depending on each institution's plan. Mr. Glenn added that if a bond bill were to pass, it is expected that projects on the current list that are identified as needing bond funds (CIB funds) would be advanced, as well as others that may not have been placed on the list as the institutions had not anticipated that possibility.

Commissioner Temple stated that it was the collective opinion of Commissioner Hofferth, Mr. Glenn and himself to have the discussion during this meeting and then give the Committee an opportunity to further review the CPIP projects. Mr. Glenn stated that he would bring CPIP year 1 for action and years 2 through 5 for information to the Committee at the June 2 meeting. That would give staff an opportunity to respond to any questions the Commissioners might have about any of the projects and staff would work with the institutions to provide that additional information. Assuming a positive response from the Committee, CPIP would be brought before the Commission at the meeting in July or August. In the meantime, projects that needed to be advanced could be brought through the Interim Capital Projects process and be considered individually.

With no further questions, it was moved (Phillips), seconded (Kuhl), and voted to defer the discussion of the CPIP projects to the June 2 meeting.

#### **VI. Other Business (*For Information, No Action Required*)**

Projects & Leases Processed by staff for April, 2016.

With no further business, Commissioner Temple adjourned the meeting at 11:00 a.m.

Respectfully submitted,

Vickie Pratt  
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.*

**COMPREHENSIVE PERMANENT IMPROVEMENT PLANS (CPIP)**

June 2, 2016

The Comprehensive Permanent Improvement Plan (CPIP) is a five-year capital planning document required by the State Fiscal Accountability Authority (SFAA) for each agency responsible for providing and maintaining physical facilities. The full five-year CPIP has been suspended by proviso since 2009 until 2013 but was re-implemented in 2014. Colleges and universities submit their CPIPs to the Commission for review and recommendations are forwarded to the Joint Bond Review Committee (JBRC) and SFAA. Information presented in the CPIP is shown by year.

- **Year 1** includes all permanent improvement projects expected to be advanced with funds already available or expected to be available during FY2016-17. The purpose is to provide the approval authorities an opportunity to review and approve at one time each institution's anticipated permanent improvement projects for the coming year. Once Year 1 projects are approved, institutions may initiate the projects, with staff concurrence, at any time during the year if no substantive changes are involved. Since 2003, JBRC and SFAA have not availed themselves of this opportunity.
  
- **Years 2-5** represent the institutions' long-term plans and are presented for information only.

**REQUIRED ACTION**

The Committee is asked to review and approve the projects in Year 1 and accept as information the institutions' proposed projects in Years 2-5.

**FY 2016-2017 CPIP - Year One Summary Breakdown (Revised)**

Institution	Project	Estimated Project Cost	IP*	Proposed Source of Funds	Date Established
<b>Projects Requesting Establishment or Increases to the Budget/Scope</b>					
<b>New Construction</b>		<b>\$3,800,000</b>	<b>1%</b>	<b>1</b>	
Clemson	Clemson House Demolition	\$3,800,000	4	Maintenance & Stewardship, Housing Improvement Funds	-
<b>Renovation</b>		<b>\$45,370,000</b>	<b>11%</b>	<b>12</b>	
Clemson	IPTAY Center Expansion/Renovation	\$10,000,000	6	Athletic Private Gifts	-
USC Columbia	Thornwell College Renovation	\$10,000,000	6	Housing Maintenance Reserve Funds	-
	Taylor House Renovation	\$4,000,000	7	Private	-
The Citadel	Replace Byrd Hall HVAC System	\$1,500,000	1	Citadel Deferred Maintenance Reserve Funds	-
	Replace Daniel Library HVAC System	\$1,470,000	2	Capital Reserve Fund, Citadel Deferred Maintenance Reserve Funds	-
	Renovate Stevens Barracks	\$3,100,000	4	Barracks Maintenance Reserve	-
Coastal Carolina	Ingle Residence Hall Renovation	\$3,800,000	1	Auxiliary Housing Funds	-
	University Place Renovations (4 of 45 Buildings)	\$1,400,000	2	Auxiliary Housing Funds	-
College of Charleston	58 George Street Renovation	\$3,900,000	1	Institutional Capital Project Funds	-
USC Lancaster	Gregory Gym Floor Roof, Locker Room Upfit	\$1,000,000	1	E&G Maintenance Reserve Funds	-
Greenville TC	Building 801 Roof Replacement	\$1,200,000	2	Local Funds	-
Horry-Georgetown TC	Renovation of the Industrial Wing - Conway	\$4,000,000	2	Local Funds	-
<b>Projects Previously Approved</b>		<b>\$322,827,925</b>	<b>78%</b>	<b>17</b>	
Clemson	Business and Behavioral Sciences Building/Sirrine Hall Replacement	\$87,500,000	1	Institution Bonds, Capital Reserve Funds	12/4/2015
	Child Care Facility Construction	\$5,000,000	2	Prudential Settlement & Operating Funds	7/2/2015
USC Columbia	Close-Hipp Renovation	\$14,700,000	1	Institutional Capital Project Funds	12/10/2015
	Classroom/Laboratory Redevelopment - Old Law Center Renovation	\$45,000,000	2	Institution Bonds, Appropriated State Funds	2/17/2016
	Football Operations Center	\$50,000,000	3	Athletic Funds	12/3/2015
	South Caroliniana Library Renovation	\$10,000,000	8	Appropriated State Funds, Private Funds	2/17/2016
Coastal Carolina	Soccer Complex (Phase II)	\$5,000,000	3	Student Housing Foundation, Gift	10/1/2015
Winthrop University	Withers Roof Replacement	\$2,000,000	1	Capital Reserve Fund	11/2/2015
USC Sumter	Science Building Renovation	\$5,000,000	1	Appropriated State, Capital Improvement Bonds	1/15/2016
Central Carolina TC	CCTC Industrial Technology Building Renovation	\$1,750,000	1	Appropriated State, County Sales Tax	10/27/2014
Denmark TC	Buildings 200 and 300 Renovations	\$1,400,000	1	Capital Reserve Fund	11/2/2015
Florence-Darlington TC	Acquisition of Property (Cosmetology Building & Land in Darlington & Florence County)	\$1,875,000	1	College Funds	1/8/2016
Greenville TC	Bldg. 602 Demolition & Mall Restoration	\$1,330,000	1	Local Funds	5/5/2016
Northeastern TC	Industrial Training Center Renovations & Expansion (Bennettsville & Pageland)	\$1,900,000	1	Capital Reserve Fund, Local Funds	11/6/2015
Trident TC	SC Aeronautical Training Center Construction	\$79,000,000	1	Appropriated State, Federal Funds, Local Funds & Private	9/5/2014
York TC	Library Expansion & Learning Commons	\$9,972,925	1	College Capital Reserve Fund	6/20/2012
	East Loop Road Construction	\$1,400,000	2	Capital Reserve Fund	1/19/2016
<b>Projects Carried Over from FY 2015-16 CPIP</b>		<b>\$40,700,000</b>	<b>10%</b>	<b>6</b>	
Clemson	Outdoor Fitness and Wellness Center Construction	\$12,500,000	3	Institution Bonds, Gifts and Grants	-
USC Columbia	North Energy Plant Expansion and Chilled Water Loop Extension	\$11,850,000	4	Institutional Funds	-
	Emergency Generators for Critical Research	\$1,500,000	5	Institutional Funds	-
College of Charleston	13 Coming Street Renovation	\$3,150,000	2	Institutional Capital Project Funds	-
	123 Bull Street Renovation	\$3,200,000	3	Institutional Capital Project Funds	-
Horry-Georgetown TC	Construction of Advanced Manufacturing Center - Georgetown Campus	\$8,500,000	1	Appropriated State, Local Funds	-
<b>No Projects</b>					
MUSC	No Projects	-		-	-
Francis Marion	No Projects	-		-	-
Lander	No Projects	-		-	-
SC State	No Projects	-		-	-
USC Aiken	No Projects	-		-	-
USC Beaufort	No Projects	-		-	-
USC Upstate	No Projects	-		-	-
USC Salkehatchie	No Projects	-		-	-
USC Union	No Projects	-		-	-
Aiken TC	No Projects	-		-	-
Midlands TC	No Projects	-		-	-
Orangeburg-Calhoun TC	No Projects	-		-	-
Piedmont TC	No Projects	-		-	-
Spartanburg CC	No Projects	-		-	-
TC of the Lowcountry	No Projects	-		-	-
Tri-County TC	No Projects	-		-	-
Williamsburg TC	No Projects	-		-	-
<b>Grand Total:</b>		<b>\$412,697,925</b>			

\*Institutional Priority



**Agenda Item 3.B  
Finance & Facilities Committee**

**FY 2016-17 CPIP - Years Two, Three, Four and Five Summary (Revised)**

Institution	Project	Estimated Cost	IP#	Proposed Source of Funds	Date Established		
Clemson	Year 2	Tennis Center Construction	\$12,500,000	1	Athletic Facilities Revenue Bonds	-	
		Advanced Materials Science Complex Building Construction	\$100,000,000	2	Institution Bonds, Appropriated State	-	
		Daniel Hall Replacement Classroom Building Construction	\$30,000,000	3	Institution Bonds	-	
		Outdoor Laboratory Facilities Maintenance	\$2,400,000	4	Appropriated State	-	
		Lightsey Bridge I Renovations	\$9,200,000	5	Housing Improvement Funds	-	
		Mauldin Hall Renovation	\$6,000,000	6	Housing Improvement Funds	-	
	Year 3	East Campus Utility Upgrades	\$10,000,000	1	Appropriated State	-	
		Martin Hall Renovation	\$15,000,000	2	Appropriated State	-	
		Long Hall Renovation	\$14,000,000	3	Appropriated State	-	
		Daniel Hall Renovation	\$10,500,000	4	Appropriated State	-	
		Newman Hall Demolition and Construction	\$17,500,000	5	Institution Bonds, Maintenance and Stewardship Fund	-	
		Byrnes Hall Renovation	\$6,000,000	6	Housing Improvement Funds	-	
		Wastewater Treatment Plant Construction/Expansion	\$5,200,000	7	Maintenance and Stewardship Fund	-	
		Road Maintenance and Improvements	\$2,000,000	8	Maintenance and Stewardship Fund	-	
	Year 4	Lehotsky Hall Renovation	\$15,000,000	1	Maintenance and Stewardship Fund	-	
		Johnstone Hall Demolition	\$2,000,000	2	Housing Improvement Funds	-	
		Lever Hall Renovation	\$7,000,000	3	Housing Improvement Funds	-	
	South Chiller Plant Expansion and Upgrades	\$16,800,000	4	Maintenance and Stewardship Fund	-		
Year 5	Smith Hall Renovation	\$7,000,000	1	Housing Improvement Funds	-		
USC Columbia	Year 2	Blatt Pool Pack	\$4,000,000	1	Athletic Revenues, Student Services Operating Funds	-	
		Preliminary Land Acquisition 600/700 Block on East Side of Gadsden	\$20,000	2	Institutional Funds	-	
		War Memorial Renovation	\$4,000,000	3	Appropriated State	-	
		School of Medicine Building #2 HVAC Renovation	\$1,250,000	4	Institutional Capital Project Funds	-	
		1244 Blossom Street (UTS) Renovation	\$10,000,000	5	Institutional Capital Project Funds	-	
		Whaley House Renovation - Acquisition and Renovation	\$4,000,000	6	Private Funds	-	
		Greek Village Addition	\$2,450,000	7	Revenue Bonds, Institutional Funds	-	
		Farmers Market West End Site Work	\$3,000,000	8	Athletic	-	
	Year 3	Woodrow College Renovation	\$12,000,000	1	Housing Revenue Bonds	-	
		Library Annex Addition	\$5,000,000	2	Institutional Capital Project Funds	-	
		Indoor Tennis Facility	\$8,000,000	3	Athletic Operating Funds, Private Funds	-	
	Year 4	School of Medicine Roof Replacement (Buildings 1, 2, 3, 4, 101)	\$2,650,000	1	Appropriated State, Institutional Capital Project Funds, Dean's Fund	-	
		Coliseum Redevelopment	\$125,000,000	2	Capital Improvement Bonds	-	
		WBS East Side Suite Renovation	\$30,000,000	3	Athletic Revenue Bonds	-	
		Floyd Building Renovation	\$5,000,000	4	Athletic	-	
		Crews Building Renovation	\$6,000,000	5	Athletic	-	
		New School of Medicine Building/Campus	\$50,000,000	6	Appropriated State	-	
	Year 5	School of Medicine Building #3 Basement Waterproofing	\$750,000	1	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		School of Medicine Building #1 HVAC Renovation	\$7,356,000	2	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		School of Medicine Building #4 HVAC Renovation	\$2,600,000	3	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		School of Medicine Building #4 Animal Space	\$1,250,000	4	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		School of Medicine Building #101 Learning Studio	\$1,300,000	5	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		School of Medicine Window Replacement	\$1,600,000	6	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		SOM VA Parking Lots	\$1,750,000	7	Appropriated State, Institutional Capital Project Funds, Development/G	-	
		Athletic Performance Center/Basketball Practice Center	\$35,000,000	8	Athletic, Athletic Facility Bonds	-	
		Benson Capital Renewal	\$4,000,000	9	Appropriated State	-	
		Horseshoe Utilities Capital Renewal	\$4,000,000	10	Institutional Capital Project Funds	-	
	MUSC	Year 2	Doughty Street 'Greenway'	\$8,700,000	1	University General Funds	-
			Collaboration Bridge & Associated Building Connections	\$17,145,000	2	University General Funds	-
			Capital Renewal Projects - Year 1 Request	\$4,000,000	3	Appropriated State	-
			Capital Renewal Projects	\$16,900,000	4	Appropriated State, University General Funds	-
			Psychiatric Institute Expansion	\$9,930,000	5	University General Funds	-
		Year 3	Capital Renewal Projects	\$16,900,000	1	State Appropriations, University General Funds	-
		Year 4	Capital Renewal Projects	\$16,900,000	1	State Appropriations, University General Funds	-
	Year 5	Capital Renewal Projects	\$16,900,000	1	State Appropriations, University General Funds	-	
		Interprofessional Health Innovation/College of Pharmacy Building	\$60,840,000	2	State Appropriations, University General Funds	-	
	Citadel	Year 2	Renovate Interior Jenkins Halls	\$2,310,000	1	Citadel Deferred Maint. Reserve	-
		Renovate Interior Letelier Hall	\$1,670,000	2	Citadel Deferred Maint. Reserve	-	
Year 3		Renovate Interior Mark Clark Hall	\$1,890,000	1	Citadel Deferred Maint. Reserve	-	
		Replace Coward Hall HVAC System	\$1,200,000	2	Auxiliary Maintenance Reserve Funds	-	
		Grand Hall (Phase I)	\$300,000	3	Capital Improvement Bonds	-	
		Multi-Purpose Hall (Phase I)	\$300,000	4	Capital Improvement Bonds	-	
Year 4		Repair Exterior Envelope Deas Hall (Roof, Walls & Windows)	\$1,604,000	1	Citadel Deferred Maint. Reserve	-	
		Repair Summerall Chapel Exterior Envelope	\$1,100,000	2	Chapel Maintenance Reserve Funds	-	
		Grand Hall (Phase II)	\$8,000,000	3	Capital Improvement Bonds	-	
		Multi-Purpose Hall (Phase II)	\$16,600,000	4	Capital Improvement Bonds	-	
Year 5		Renovate Interior Duckett Hall	\$2,840,000	1	Citadel Deferred Maint. Reserve	-	
		Renovate Exterior and Interior Byrd Hall	\$4,500,000	2	Citadel Deferred Maint. Reserve	-	
		Athletic Support Facility (Phase I)	\$500,000	3	Capital Improvement Bonds	-	
Coastal Carolina	Year 2	University Housing Renovation at University Place (4 of 45 Buildings)	\$1,400,000	1	Auxiliary Housing Funds	-	
	Year 3	University Housing Renovation at University Place (4 of 45 Buildings)	\$1,400,000	1	Auxiliary Housing Funds	-	
		Waties Island Research Facility	\$5,000,000	2	Gifts, Institutional Capital Project Funds	-	
		Eaglin Hall Renovation	\$3,800,000	3	Auxiliary Housing Funds	-	
		Track/Field Complex	\$5,000,000	4	Renovation Reserve/Plant Expansion, Gift	-	
		Academic Enrichment Center	\$18,000,000	5	Penny Sales Tax	-	
	Year 4	University Housing Renovation at University Place (4 of 45 Buildings)	\$1,400,000	1	Auxiliary Housing Funds	-	
		HTC Center Expansion	\$6,000,000	2	Gift	-	
	Year 5	University Housing Renovation at University Place (4 of 45 Buildings)	\$1,400,000	1	Auxiliary Housing Funds	-	
		Multi-level Parking Garage	\$7,000,000	2	Parking Operations	-	
	Academic Office/Classroom Building III	\$21,000,000	3	Penny Sales Tax	-		

**FY 2016-17 CPIP - Years Two, Three, Four and Five Summary (Continued)**

Institution	Project	Estimated Cost	IP#	Proposed Source of Funds	Date Established		
College of Charleston	Year 2	Center for Learning Technology Construction	\$35,000,000	1	Appropriated State	-	
		Simons Center for the Arts Renovation	\$54,344,000	2	Appropriated State, College Fees, FY 15 Appropriations	-	
		Stern Student Center Conversion	\$11,500,000	3	Appropriated State, FY 16 Appropriations	-	
		329 King Street Renovation	\$8,100,000	4	CPIF, Private	-	
		92 Wentworth Street Renovation	\$3,100,000	5	CPIF	-	
		Potential Land Acquisition	\$4,000,000	6	CPIF	-	
	Year 3	Stern Student Center Food Court Renovation	\$2,500,000	1	Auxiliary Funds	-	
		Craig Residence Hall Renovation/Replacement	\$43,600,000	2	Revenue Bonds	-	
		Silcox Physical Education and Health Center Renovation	\$26,000,000	3	FY 17 Capital Request, Private Funds	-	
		Electrical Grid Repair	\$15,000,000	4	Revenue Bonds	-	
		59 Coming Street Renovation	\$1,000,000	5	CPIF	-	
		26 Glebe Street Renovation	\$2,400,000	6	CPIF	-	
		Potential Land Acquisition	\$4,000,000	7	CPIF	-	
	Year 4	Steam Energy System Repair/Replacement	\$20,000,000	1	Revenue Bonds	-	
		Chilled Water System Repair/Replacement	\$10,000,000	2	Revenue Bonds	-	
		Buist Residence Hall Renovation	\$12,000,000	3	Revenue Bonds	-	
		44 Saint Philip Street Renovation	\$1,000,000	4	Renovation Reserve	-	
		Potential Land Acquisition	\$4,000,000	5	CPIF	-	
	Year 5	College Lodge Residence Hall Renovation/Replacement	\$46,000,000	1	Revenue Bonds	-	
		McConnell Residence Hall Renovation	\$36,000,000	2	Revenue Bonds	-	
		Robert Scott Small Building Renovation	\$35,000,000	3	Revenue Bonds	-	
		67 George Street Renovation	\$1,800,000	4	Renovation Reserve	-	
		90 Wentworth Street Renovation	\$2,700,000	5	Revenue Bonds	-	
		Potential Land Acquisition	\$4,000,000	6	CPIF	-	
	Francis Marion	Year 2	School of Education/School of Business Building	\$21,850,000	1	Capital Improvement Bonds	2/28/2001
			Honors Learning Center	\$3,100,000	2	Capital Improvement Bonds	-
		Maintenance Needs Funding	\$1,000,000	3	Appropriated State	-	
Year 3		Maintenance Needs	\$1,000,000	1	Appropriated State	-	
Year 4		Maintenance Needs	\$1,000,000	1	Appropriated State	-	
Year 5		Maintenance Needs	\$1,000,000	1	Appropriated State	-	
Lander	Year 2	Barratt Hall Addition	\$15,000,000	1	Appropriated State	-	
		Grier Student Center Expansion	\$12,000,000	2	Capital Improvement Bonds, Appropriated State	-	
		Campus Infrastructure Maintenance	\$4,500,000	3	Appropriated State	-	
	Year 3	Campus Energy Management System Upgrade	\$1,300,000	1	Appropriated State	-	
		Science Building Laboratory Upgrades and Energy Reduction Initiatives	\$2,125,000	2	Appropriated State	-	
	Year 4	Student Housing Development	\$27,000,000	1	Institution Bonds	-	
	Year 5	Academic Classroom Building	\$27,500,000	1	Appropriated State	-	
SC State	Year 2	No Projects	\$0		-	-	
	Year 3	No Projects	\$0		-	-	
	Year 4	No Projects	\$0		-	-	
	Year 5	No Projects	\$0		-	-	
	USC Aiken	Year 2	Penland Building HVAC Replacement	\$4,000,000	1	Appropriated State Funds	-
		Library Renovation (Includes Veteran's Success Center)	\$10,000,000	2	Appropriated State, Private, Institutional	-	
		Ruth Patrick Science Center Renovation/Expansion	\$2,000,000	3	Private	-	
Year 3		Golf Facility	\$2,500,000	1	Private Funds	-	
		Business and Education Gym Renovation	\$7,000,000	2	Appropriated State, Private Funds	-	
Year 4		New Academic Center	\$18,000,000	1	Appropriated State	-	
		Etherredge Center Expansion	\$30,000,000	2	Appropriated State, Private	-	
		New Dining Facility	\$2,500,000	3	Private	-	
		Ruth Patrick Science Center Planetarium Expansion	\$4,000,000	4	Private	-	
Year 5		Maintenance Building Relocation and Repurpose Project	\$1,500,000	1	Appropriated State	-	
USC Beaufort		Year 2	Classroom Building	\$25,000,000	1	Capital Improvement Bonds	-
			Library Expansion	\$3,000,000	2	Private	-
		Year 3	Convocation Center	\$28,000,000	1	Capital Improvement Bonds	-
		OLLI Facility	\$5,000,000	2	Private Gift	-	
	Year 4	No Projects	\$0		-	-	
Year 5	No Projects	\$0		-	-		
USC Upstate	Year 2	Information Resource Center Construction/Library Classroom Building Repair	\$33,000,000	1	Appropriated State, Institutional Capital Project Funds, Private Funds	-	
		Health Services Building Construction	\$1,000,000	2	Institution Bonds	-	
		Smith Building Renovation-Phase I	\$8,250,000	3	Appropriated State	-	
	Year 3	No Projects	\$0		-	-	
	Year 4	Smith Building Renovation and Addition-Phase II	\$25,000,000	1	Appropriated State, Institutional Capital Project Funds	-	
	Year 5	Campus Life Center Expansion	\$12,000,000	1	Appropriated State, Institutional Capital Project Funds	-	
Winthrop	Year 2	Multi-Media & Research Hub	\$55,000,000	1	Appropriated State	-	
		Byrnes Auditorium / Music Conservatory	\$8,000,000	2	Appropriated State	-	
		Coliseum Roof Replacement	\$1,500,000	3	Appropriated State	-	
		Replacement of Electric Distribution System	\$2,000,000	4	Appropriated State	-	
		Underground Steam Line Renovation and Enhancements	\$1,700,000	5	Appropriated State	-	
		Upgrade Fire Alarm System	\$1,000,000	6	Appropriated State	-	
	Year 3	Boiler Plant Expansion (add three Miura boilers)	\$1,200,000	1	Appropriated State	-	
		Thomson Cafeteria	\$0	2	-	-	
		American Legion Land Acquisition	\$1,200,000	3	Appropriated State	-	
		Alumni Center (Expand Stewart House)	\$2,000,000	4	Alumni Donations	-	
		Rock Hill District 3 Stadium Acquisition	\$2,000,000	5	Athletic	-	
		Practice Field & Training Facility	\$12,000,000	6	Athletic	-	
	Year 4	Coliseum Practice Facility	\$12,000,000	1	Athletic	-	
		General Science Building	\$32,000,000	2	Appropriated State	-	
	Year 5	Parking Deck Construction	\$7,500,000	1	Revenue Bonds	-	

**FY 2016-17 CPIP - Years Two, Three, Four and Five Summary (Continued)**

Institution	Project	Estimated Cost	IP*	Proposed Source of Funds	Date Established
USC Lancaster					
Year 2	No Projects	\$0		-	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
USC Salkehatchie					
Year 2	No Projects	\$0		-	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
USC Sumter					
Year 2	No Projects	\$0		-	-
Year 3	Facilities Management Center	\$2,600,000	1	Capital Improvement Bonds	-
Year 4	Renovate Student Union	\$1,500,000	1	Capital Improvement Bonds	-
Year 5	No Projects	\$0		-	-
USC Union					
Year 2	No Projects	\$0		-	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Aiken TC					
Year 2	Life Science Building	\$8,844,334	1	Appropriated State, Other	-
Year 3	Access Road Extension	\$1,735,027	1	Appropriated State	-
Year 4	No Projects	\$0		-	-
Year 5	Classroom Building with Conference Center & Central Administration	\$18,263,438	1	Appropriated State, Local	-
Central Carolina TC					
Year 2	Facility Maintenance	\$3,000,000	1	Appropriated State	-
	Workforce Development Center	\$20,000,000	2	Capital Reserve Fund, Appropriated State, Local	-
Year 3	Building 400 Renovation	\$1,000,000	1	Appropriated State	-
Year 4	No Projects	\$0		-	-
Year 5	Main Campus - Student Center - New Building	\$11,013,786	1	Appropriated State, Local	-
Denmark TC					
Year 2	Barnwell Workforce Development Center Renovations	\$2,000,000	1	Appropriated State	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Florence-Darlington TC					
Year 2	Master Plan - Academic and Workforce Development Building	\$31,000,000	1	Appropriated State, Federal, College Funds, College Foundation, Private	-
Year 3	Hartsville Satellite Campus - Education Corridor	\$8,000,000	1	Appropriated State, Local	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Greenville TC					
Year 2	Sustainable Agriculture Bldg. Construction - NW Campus	\$1,200,000	1	Federal Funds, Local Funds	-
	CMI Equipment Purchase	\$15,000,000	2	Appropriated State	-
	Arts & Sciences Bldg. Construction	\$36,000,000	3	Appropriated State, Local	-
	Bldg. 102 Renovation and Addition	\$12,800,000	4	Appropriated State	-
	Bldg. 603 - 2nd floor renovation	\$9,800,000	5	Appropriated State	-
	Bldg. 104 Renovation	\$15,500,000	6	Appropriated State	-
	Bldg. 802 Roof Replacement	\$1,200,000	7	Local	-
	Bldg. 302 Addition - Benson Campus	\$3,500,000	8	Donated and Local	-
Year 3	Bldg. 123 (Adm.) Perimeter Road infrastructure repairs	\$3,000,000	1	Local	-
	NW Campus entrance road re-paving, secondary entrance/exit construction	\$2,500,000	2	Local	-
	Barton Campus, 2nd Central Energy Plant construction, North Campus	\$9,000,000	3	Appropriated State	-
Year 4	Roof replacements - Bldg. 101, 117, 119, & 123	\$1,700,000	4	Local	-
	Barton Campus new parking lot construction (former site of Bldgs. 113 & 114)	\$1,500,000	1	Local	-
Year 5	Parking Lot re-paving - Barton, Benson, Brashier Campuses	\$3,100,000	2	Local	-
	Brashier Campus - Emergency (Fire/EMS) Training Facility Construction	\$15,500,000	1	State, Federal	-
	Barton Campus - Unity Park Development, pedestrian bridge, amphitheater	\$1,500,000	2	Local	-
Horry-Georgetown TC					
Year 2	Renovation of Grand Strand Campus Buildings 100, 200, 300, 600	\$10,000,000	1	Appropriated State	-
	General Purpose Classroom Building - Conway	\$25,000,000	2	Appropriated State	-
Year 3	Construction of General Purpose Building - Grand Strand	\$25,000,000	1	Appropriated State	-
	Construction of General Purpose Building - Georgetown	\$20,000,000	2	Appropriated State	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Midlands TC					
Year 2	Midlands - Industrial Technology Expansion	\$4,500,000	1	Appropriated State, Local	-
	Midlands - Airport Learning Resource Center Improvements	\$2,500,000	2	Appropriated State, Local	-
	Midlands - Business Technology Center	\$30,000,000	3	Appropriated State, Local	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Northeastern TC					
Year 2	Multi-use Instructional Facility	\$12,000,000	1	Appropriated State, Federal, Local	-
	Facility Maintenance	\$1,385,000	2	Appropriated State	-
Year 3	NETC Technology Center - Cheraw Campus	\$6,000,000	1	Appropriated State, Federal, Other	-
Year 4	NETC Technology Center - Dillon Campus	\$6,000,000	1	Appropriated State, Federal, Other	-
Year 5	Phase II Renovations - Bennettsville Industry Training Center	\$1,500,000	1	Appropriated State, Local	-
Orangeburg-Calhoun TC					
Year 2	Re-Roofing Project - Buildings A thru J and Connecting Corridors - #H59-6109	\$2,500,000	1	Appropriated State, Local/College Funds	-
	Otech Health Sciences and Nursing Building - #H59-6106	\$10,500,000	2	Appropriated State, Federal, Local	-
Year 3	No Projects	\$0		-	-
Year 4	Renovation of Building K - Old Health Science and Nursing Building	\$3,500,000	1	Appropriated State	-
Year 5	Advanced Manufacturing Technology Building	\$7,000,000	1	Appropriated State	-

**FY 2016-17 CPIP - Years Two, Three, Four and Five Summary (Continued)**

<b>Institution</b>	<b>Project</b>	<b>Estimated Cost</b>	<b>IP*</b>	<b>Proposed Source of Funds</b>	<b>Date Established</b>
Piedmont TC					
Year 2	Upstate Center for Manufacturing Excellence - #H59-9886	\$12,305,000	1	Appropriated State, PTC	-
Year 3	Conference Center Renovation (Interior and Exterior - Site)	\$1,300,000	1	Appropriated State, PTC	-
	Renovate A and E Building (Previous Industrial Shop Areas)	\$1,250,000	2	Appropriated State, PTC	-
Year 4	Renovate Newberry County Campus - Unoccupied Training Space (Lab)	\$1,300,000	1	Appropriated State, PTC	-
	Ammonia Training Facility	\$2,500,000	2	Appropriated State, PTC	-
Year 5	PTC Deferred Maintenance Projects	\$2,500,000	1	Appropriated State, PTC	-
	PTC Parking Lot Repair and Upgrade Project	\$1,100,000	2	Appropriated State, PTC	-
Spartanburg CC					
Year 2	Central Campus Academic/Student Services Classroom Bldg (70,000 SF)	\$15,824,000	1	Appropriated State	-
	Central Campus Powers Bldg HVAC System Renovation	\$1,921,000	2	Appropriated State	-
	Tyger River Bldg Office & Academic Roof Replacement	\$300,000	3	Appropriated State	-
	Tyger River Campus BMW Center HVAC Units Replacement	\$281,000	4	Appropriated State	-
	Tyger River Bldg Chiller Package Units Replacement (4)	\$390,000	5	Appropriated State	-
	Central Campus Ledbetter Bldg HVAC System Renovations W/Ctls	\$659,000	6	Appropriated State	-
Year 3	Tyger River Building "86/87" Warehouse Renovation (120,000 sq. ft.)	\$5,340,000	1	Appropriated State	-
	Central Campus P. Dan Hull Building Renovation (82,000 sq. ft.)	\$4,920,000	2	Appropriated State	-
Year 4	Cherokee Campus Academic Classroom Bldg. (35,000 sq. ft.)	\$7,000,000	1	Appropriated State	-
	Central Campus Powers Bldg. Renovation (74,000 sq. ft.)	\$4,500,000	2	Appropriated State	-
Year 5	Renovate Tyger River Bldg. - Phase IV (100,000 sq. ft.)	\$2,000,000	1	Appropriated State	-
	Central Campus Façade Upgrades (LED, Hull, Powers, LRC, Gault)	\$1,700,000	2	Appropriated State	-
	Central Campus P. Dan Hull Expansion (40,000 sq. ft.)	\$6,600,000	3	Appropriated State	-
	Construct Physical Plant/Shipping & Receiving Facility	\$2,700,000	4	Appropriated State	-
TC of the Lowcountry					
Year 2	Historic Moor Hall & Building 6 Renovation	\$2,500,000	1	Appropriated State	-
	New River Workforce Development Center	\$12,500,000	2	Appropriated State	-
Year 3	Culinary Institute of the Lowcountry	\$16,000,000	1	Local Sales Tax Revenue	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Tri-County TC					
Year 2	E & IT Expansion at Industrial Technology Center	\$3,000,000	1	Appropriated State, Plant Funds, Grants	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Trident TC					
Year 2	No Projects	\$0		-	-
Year 3	Main Campus Underground Electrical System Repair	\$1,600,000	1	Local	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
Williamsburg TC					
Year 2	Science and Technology Building	\$20,000,000	1	Appropriated State, Local/College	-
Year 3	No Projects	\$0		-	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
York TC					
Year 2	East Perimeter Rd Terminus & Parking Construction	\$1,500,000	1	Appropriated State	-
	Health & Human Service Building	\$40,900,000	2	Appropriated State, Local & College Capital Reserve	-
Year 3	Renovate K Building	\$7,478,640	1	Appropriated State, College Capital Reserve	-
Year 4	No Projects	\$0		-	-
Year 5	No Projects	\$0		-	-
<b>Total by Year</b>	Year 2	\$946,128,334			
	Year 3	\$437,238,667			
	Year 4	\$540,454,000			
	Year 5	\$427,963,224			
	<b>Grand Total:</b>	<b>\$2,351,784,225</b>			

\*Institutional Priority

**PROJECTS REQUESTING ESTABLISHMENT OR AN INCREASE TO THE BUDGET**

**NEW CONSTRUCTION**

FY 2016-17 CPIP Year One

**CLEMSON UNIVERSITY**

**PROJECT NAME:** Clemson House Demolition  
**PRIORITY NUMBER:** 4  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$3,800,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$252,000	\$252,000
Other Permanent Improvements	\$0	\$2,780,000	\$2,780,000
Other Capital Outlay	\$0	\$391,000	\$391,000
Contingency	\$0	\$377,000	\$377,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$3,800,000</i></b>	<b><i>\$3,800,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Maint. & Stewardship, Housing Improv.	\$0	\$3,800,000	\$3,800,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$3,800,000</i></b>	<b><i>\$3,800,000</i></b>

**DESCRIPTION:**

The University requests approval to demolish the Clemson House, located adjacent to the Douthit Hills Student Community Construction. This facility will no longer be used by University Housing and dining after the 2015-16 academic year. This 135,000 square foot facility was originally constructed in 1950 as a hotel and the quality of construction and materials used are not of institutional quality. Renovating the existing building would result in inefficient space and leave prime University land underutilized. Its sub-standard floor to floor heights are not appropriate for classroom or conference space and the slab would have to be removed to open up the space, which would result in only 50% of the building being utilized. It would also require a complete seismic retrofit and replacement of the building's exterior. In addition, the estimated cost to renovate the existing facility would exceed the estimated cost to construct a new, more efficient facility on the site.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

N/A

**PROJECTS REQUESTING ESTABLISHMENT OR AN INCREASE TO THE BUDGET**

**RENOVATION**

FY 2016-17 CPIP Year One

**CLEMSON UNIVERSITY**

**PROJECT NAME:** IPTAY Center Expansion/Renovation  
**PRIORITY NUMBER:** 6  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$10,000,000  
**INITIAL CHE APPROVAL DATE:** NA

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$800,000	\$800,000
Equipment and/or Materials	\$0	\$530,000	\$530,000
New Construction	\$0	\$3,300,000	\$3,300,000
Interior Building Renovations	\$0	\$3,350,000	\$3,350,000
Renovations - Utilities	\$0	\$650,000	\$650,000
Other	\$0	\$510,000	\$510,000
Contingency	\$0	\$860,000	\$860,000
<b>Total</b>	<b>\$0</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Athletic Private Funds	\$0	\$10,000,000	\$10,000,000
<b>Total</b>	<b>\$0</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>

**DESCRIPTION:**

The University requests approval to establish a project to renovate and expand the facilities for IPTAY at Memorial Stadium. The IPTAY Center was built in the late 1980s and has not had any major renovations. IPTAY is currently housed in approximately 14,000 square feet of space in Memorial Stadium which is not sufficient for IPTAY's increased staff. Because the IPTAY Center is housed in the top two floors of the three-story Memorial Stadium, some renovation to the first floor will also be necessary to expand the IPTAY Center.

The existing facilities will be updated to improve interior finishes and functionality to enhance the overall fundraising capabilities of IPTAY. In addition, the creation of new premium seating adjacent to the IPTAY Center will allow for additional revenue generation for the Athletic Department as all premium seating is sold out with wait lists.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

Maintenance and utilities will require additional operating costs of \$91,000 in the first year, \$92,820 in the second year, and \$94,676 in the third year following project completion. Those costs are covered by Athletic Revenue.

**UNIVERSITY OF SOUTH CAROLINA COLUMBIA**

**PROJECT NAME:** Thornwell College Renovation  
**PRIORITY NUMBER:** 6  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$10,000,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$1,000,000	\$1,000,000
Interior Building Renovations	\$0	\$8,000,000	\$8,000,000
Contingency	\$0	\$1,000,000	\$1,000,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$10,000,000</i></b>	<b><i>\$10,000,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Housing Maintenance Reserve	\$0	\$10,000,000	\$10,000,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$10,000,000</i></b>	<b><i>\$10,000,000</i></b>

**DESCRIPTION:**

The University requests approval to establish a project to renovate Thornwell College Residence Hall. 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

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**UNIVERSITY OF SOUTH CAROLINA COLUMBIA**

**PROJECT NAME:** Taylor House Renovation  
**PRIORITY NUMBER:** 7  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$4,000,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b>Project Budget</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Professional Service Fees	\$0	\$400,000	\$400,000
Site Development	\$0	\$300,000	\$300,000
Interior Building Renovations	\$0	1,900,000	1,900,000
Exterior Building Renovations	\$0	1,000,000	1,000,000
Contingency	\$0	\$400,000	\$400,000
<b>Total</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>

<b>Source of Funds</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Private Funds	\$0	\$4,000,000	\$4,000,000
<b>Total</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>

**DESCRIPTION:**

The University requests approval to establish a project to renovate the 1908 historic Taylor House. The project will expand upon the minor renovation scope included as part of the Law School construction. Relocating the Rule of Law to the Taylor House will create space on campus to accommodate a more academic function to serve students.

This project will include the replacement of windows where historic windows have been removed and other repairs to the exterior. Interior renovation will restore certain architectural elements and will entirely replace the home’s mechanical, plumbing and electrical system. Life safety enhancements will include a new fire alarm system and potentially a sprinkler system.

**E&G MAINTENANCE NEEDS:**

N/A – Building is not currently occupied.

**ANNUAL OPERATING COSTS/SAVINGS:**

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



**THE CITADEL**

**PROJECT NAME:** Replace Byrd Hall HVAC System  
**PRIORITY NUMBER:** 1  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$1,500,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$70,000	\$70,000
Renovations - Utilities	\$0	\$1,380,000	\$1,380,000
Contingency	\$0	\$50,000	\$50,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,500,000</i></b>	<b><i>\$1,500,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Citadel Deferred Maintenance Reserve	\$0	\$1,500,000	\$1,500,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,500,000</i></b>	<b><i>\$1,500,000</i></b>

**DESCRIPTION:**

The University requests approval to establish a project to replace the HVAC system at Byrd Hall. The 49,675 square feet Byrd Hall was constructed in 1968. The original HVAC systems are still operational. However, two of the three systems are in poor condition with antiquated controls which are beyond repair. Byrd Hall houses the Chemistry Department and contains classrooms, faculty offices, and laboratories. The deteriorated condition of the existing HVAC systems has a negative effect on interior air quality for the students and faculty. System failures would preclude the use of areas of the building which would have a negative impact on learning.

**E&G MAINTENANCE NEEDS:**

Based on Fall 2013 data, Byrd Hall has a current condition code of 84 with existing maintenance needs of \$2,022,562 over the next twenty years. The average rating of the cooling system is 2.125 out of 5, while the heating system is 2.25 out of 5.

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**THE CITADEL**

**PROJECT NAME:** Replace Daniel Library HVAC System  
**PRIORITY NUMBER:** 2  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$1,470,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$70,000	\$70,000
Building Utilities Renovations	\$0	\$1,350,000	\$1,350,000
Contingency	\$0	\$50,000	\$50,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,470,000</i></b>	<b><i>\$1,470,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Capital Reserve Fund	\$0	\$800,000	\$800,000
Citadel Deferred Maintenance Reserve	\$0	\$670,000	\$670,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,470,000</i></b>	<b><i>\$1,470,000</i></b>

**DESCRIPTION:**

The University requests approval to establish a project to replace the Daniel Library HVAC System. Constructed in 1959, Daniel Library contains approximately 56,075 square feet and houses the Library to include the rare book room and the Citadel Museum with historic artifacts. The original HVAC systems are still in operation although they have an expected lifespan of only 20 years. The system is in poor condition and controls are antiquated beyond repair.

**E&G MAINTENANCE NEEDS:**

Based on Fall 2013 data, Daniel Library has a current condition code of 80 with existing maintenance needs of \$2,577,050 over the next twenty years. The average rating of the cooling system and heating system is 2.5 out of 5.

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**THE CITADEL**

**PROJECT NAME:** Renovate Stevens Barracks  
**PRIORITY NUMBER:** 4  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$3,100,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$35,000	\$35,000
Interior Building Renovations	\$0	\$2,665,000	\$2,665,000
Building Utilities Renovations	\$0	\$370,000	\$370,000
Contingency	\$0	\$30,000	\$30,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$3,100,000</i></b>	<b><i>\$3,100,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Barracks Maintenance Reserve	\$0	\$3,100,000	\$3,100,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$3,100,000</i></b>	<b><i>\$3,100,000</i></b>

**DESCRIPTION:**

The University requests approval to establish a project to renovate Stevens Barracks. Constructed in 1942, Stevens Barracks contains approximately 57,225 square feet. The facility is one of five buildings that is occupied as student housing on the Citadel Campus, and is the only original barracks remaining on campus. Only minor upgrades have been executed over the last 10 years to include the installation of window A/C units.

The recent completion of the Asset Management inspection identified over \$3.1M of requirements to bring the facility up to a Green condition level. The identified requirements include repairs to the exterior enclosure, interior finishes and construction primarily in the 9 bathrooms, plumbing, stairs, fire protection and electrical.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**COASTAL CAROLINA UNIVERSITY**

**PROJECT NAME:** Ingle Residence Hall Renovation  
**PRIORITY NUMBER:** 1  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$3,800,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b>Project Budget</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Professional Service Fees	\$0	\$446,815	\$446,815
Equipment and/or Materials	\$0	\$167,659	\$167,659
Interior Building Renovations	\$0	\$2,749,611	\$2,749,611
Other	&0	\$268,255	\$268,255
Contingency	\$0	\$167,660	\$167,660
<b>Total</b>	<b>\$0</b>	<b>\$3,800,000</b>	<b>\$3,800,000</b>

<b>Source of Funds</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Auxiliary Housing Funds	\$0	\$3,800,000	\$3,800,000
<b>Total</b>	<b>\$0</b>	<b>\$3,800,000</b>	<b>\$3,800,000</b>

**DESCRIPTION:**

The University requests approval to establish a project to replace the Ingle Residence Hall HVAC System and electrical upgrades. The Ingle Residence Hall is 80,536 square feet and was constructed in 2000. The HVAC currently in the building will be converted from a two pipe to a four pipe system. This will allow the temperatures to be balanced in the rooms and common areas throughout the year. Electrical upgrades will provide for improved bathroom exhaust fans. Other upgrades planned in the renovation include IT, fire sprinkler system, and minor interior refurbishments.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**COASTAL CAROLINA UNIVERSITY**

**PROJECT NAME:** University Place Renovations (4 of 45 Buildings)  
**PRIORITY NUMBER:** 2  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$1,400,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$175,000	\$175,000
Equipment and/or Materials	\$0	\$100,000	\$100,000
Interior Building Renovations	\$0	\$826,000	\$826,000
Other	\$0	\$250,000	\$250,000
Contingency	\$0	\$49,000	\$49,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,400,000</i></b>	<b><i>\$1,400,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Auxiliary Housing Funds	\$0	\$1,400,000	\$1,400,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,400,000</i></b>	<b><i>\$1,400,000</i></b>

**DESCRIPTION:**

The University requests approval to establish a project to renovate the 4 of the 45 buildings located at University Place. University Place buildings range from 17,592 to 18,834 square feet and house 2,379 students. The scope is for interior renovations to all the rooms in 4 of the buildings. These upgrades will include flooring, painting, plumbing, hot water heater and heat pump replacements, and new kitchen and laundry appliances as needed.

The University plans to begin a rotational upgrade of the 45 buildings at University Place to improve the overall maintenance. The University will take approximately 4 buildings offline each year to accomplish a 10 year rotation for major upgrades.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**COLLEGE OF CHARLESTON**

**PROJECT NAME:** 58 George Street Renovation  
**PRIORITY NUMBER:** 1  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$3,900,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b>Project Budget</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Professional Service Fees	\$0	\$239,391	\$239,391
Equipment and/or Materials	\$0	\$400,000	\$400,000
Interior Building Renovations	\$0	\$2,093,906	\$2,093,906
Builders Risk Insurance	\$0	\$15,000	\$15,000
Other	\$0	\$390,200	\$390,200
Contingency	\$0	\$761,503	\$761,503
<b>Total</b>	<b>\$0</b>	<b>\$3,900,000</b>	<b>\$3,900,000</b>

<b>Source of Funds</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Institutional Capital Project Funds	\$0	\$3,900,000	\$3,900,000
<b>Total</b>	<b>\$0</b>	<b>\$3,900,000</b>	<b>\$3,900,000</b>

**DESCRIPTION:**

The College requests approval to establish a project to renovate 58 George Street, a prominent historic building. The building was constructed in 1803 and was last renovated in 1987. It was taken offline due to numerous unsafe structural components that are at the end of their life cycle.

This project will address reinforcement of masonry, framing upgrades to existing floors and porch stairs, reconfiguration of existing rear stairs to address building and fire code requirements, replacement of mechanical, electrical, and plumbing systems, and installation of a commercial fire sprinkler system and upgraded fire alarm system. Upon completion of renovation, the facility will house administrative and faculty offices.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**UNIVERSITY OF SOUTH CAROLINA LANCASTER**

**PROJECT NAME:** Gregory Gym Floor Roof, Locker Room Upfit  
**PRIORITY NUMBER:** 1  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$1,000,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b>Project Budget</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Professional Service Fees	\$0	\$80,000	\$80,000
Renovations – Building Interior	\$0	\$400,000	\$400,000
Renovations – Building Exterior	\$0	\$440,000	\$440,000
Other	\$0	\$80,000	\$80,000
<b>Total</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>

<b>Source of Funds</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
E&G Maintenance Reserve	\$0	\$1,000,000	\$1,000,000
<b>Total</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>

**DESCRIPTION:**

The College requests approval to establish a project to renovate the gymnasium floor, roof and locker room plumbing. The gymnasium floor must be replaced due to hazardous material content (mercury). The roof is over 20 years old and is at the end of its useful life. The locker room plumbing is undersized to serve the capacity of the need, so new larger pipes will be installed. The existing deteriorated tile and stained grout joints will be replaced as well.

**E&G MAINTENANCE NEEDS:**

Based on Fall 2013 data, Gregory Health & Wellness Building has a current condition code of 61 with existing maintenance needs of \$4,396,204 over the next twenty years. The average rating of the roof system is 2.33 out of 5, the floor system is 2 out of 5, and the plumbing system is 2.44 out of 5.

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**GREENVILLE TECHNICAL COLLEGE**

**PROJECT NAME:** Building 801 Roof Replacement  
**PRIORITY NUMBER:** 2  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$1,200,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$100,000	\$100,000
Roofing	\$0	\$1,000,000	\$1,000,000
Contingency	\$0	\$100,000	\$100,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$1,200,000</i></b>	<b><i>\$1,200,000</i></b>

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

**DESCRIPTION:**

The College requests approval to establish a project to replace the roof on Building 801. The roof system has outlived its normal life expectancy of 20 years and has deteriorated to the point where numerous leaks are present. The existing roof system is not energy efficient. There is evidence that the roofing material substrate is separating from the mechanical attachments to the building.

**E&G MAINTENANCE NEEDS:**

Based on Fall 2013 data, Building 801 has a current condition code of 62. The average rating of the roof system is 2.83 out of 5.

**ANNUAL OPERATING COSTS/SAVINGS:**

The energy efficient roof system will require additional annual operating costs of \$7,500 per year.



**HORRY-GEORGETOWN TECHNICAL COLLEGE**

**PROJECT NAME:** Renovation of the Industrial Wing - Conway  
**PRIORITY NUMBER:** 2  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$4,000,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$10,000	\$10,000
Equipment and/or Materials	\$0	\$1,000,000	\$1,000,000
Interior Building Renovations	\$0	\$2,040,000	\$2,040,000
Renovations – Utilities	\$0	\$500,000	\$500,000
Roofing	\$0	\$250,000	\$250,000
Exterior Building Renovations	\$0	\$100,000	\$100,000
Contingency	\$0	\$100,000	\$100,000
<b>Total</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
College Plant Funds	\$0	\$4,000,000	\$4,000,000
<b>Total</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$4,000,000</b>

**DESCRIPTION:**

The College requests approval to establish a project to repurpose 20,000 square feet of Building 200 on Horry Georgetown’s Conway campus. Over the past 10 years, HGTC has grown rapidly and desperately needs to renovate the industrial wing to provide additional instructional space to meet enrollment growth. The renovation will include installing commercial grade electrical service, upgrading HVAC systems, replacing the existing roof, constructing various classroom and lab settings, and equipping these facilities.

**E&G MAINTENANCE NEEDS:**

N/A- Space being repurposed.

**ANNUAL OPERATING COSTS/SAVINGS:**

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

**DESCRIPTION OF INTERIM CAPITAL PROJECTS FOR CONSIDERATION**

June 2, 2016

**THE CITADEL**

**PROJECT NAME:** Boat Center Redevelopment  
**PRIORITY NUMBER:** 3  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$3,000,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$210,000	\$210,000
Site Development	\$0	\$330,000	\$330,000
New Construction	\$0	\$1,470,000	\$1,470,000
Other Permanent Improvements	\$0	\$100,000	\$100,000
Other (Dredging)	\$0	\$840,000	\$840,000
Contingency	\$0	\$50,000	\$50,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$3,000,000</i></b>	<b><i>\$3,000,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Citadel Foundation Donor Funds	\$0	\$3,000,000	\$3,000,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$3,000,000</i></b>	<b><i>\$3,000,000</i></b>

**DESCRIPTION:**

The University requests approval to establish a project to re-construct the Citadel Marina and Boating Center. The 7,759 square foot Boat Center house was constructed in 1920. The facility has outlived its useful life expectancy and numerous improvements are required to meet the college's intended purpose and use. The structure has termite damage and the interior finishes have not been updated since the 1970s. The deteriorated condition of the existing facility has a negative impact on the facility's use. Furthermore, the existing marina channel is un-navigable during periods of low tide and cannot support activities such as boating and sailing.

Renovation of the existing facility was considered, but deemed cost prohibitive to meet flood requirements. The relocation of the marina to another location was also considered, but did not provide the same access and amenities required.

**E&G MAINTENANCE NEEDS:**

Based on Fall 2013 data, the Boating Center has a current condition code of 78 with physical condition, maintainability, and structural condition rated 3 out of 5.

**ANNUAL OPERATING COSTS/SAVINGS:**

There are no additional operating costs associated with this project.

**RECOMMENDATION:**

Staff recommends approval of this project as proposed.

<b>FOR BOARD USE ONLY</b>	
CHE	(For Board Use Only)
JBRC	
BC Board	
JBRC Staff	<b>SUMMARY NUMBER</b>
BC Staff	
A-1 Forms Mailed	
SPIRS Date	<b>FORM NUMBER</b>
Summary	

**BUDGET AND CONTROL BOARD - PERMANENT IMPROVEMENT PROJECT REQUEST**

**1. AGENCY**  
 Code HO9 Name THE CITADEL  
 Contact Person John E. Gardner Phone # (843) 953-6876

**2. PROJECT**  
 Project # \_\_\_\_\_ Name Boat Center Redevelopment  
 Facility # 22 Facility Name Boat Center

County Code	10	Project Type	Construction
New Revised Budget	\$45,000.00	Facility Type	E&G

**3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR**  
 CPIP priority number 3 of 4 for FY 16-17

**4. PROJECT ACTION PROPOSED (Indicate action(s) from listed included with instructions.)**

Establish Project		Decrease Budget		Close Project	
Establish Project - CPIP	X	Change Source of Funds		Change Project Name	
Increase Budget		Revise Scope		Cancel Project	

**5. PROJECT DESCRIPTION AND JUSTIFICATION**

(Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered. Attach supporting documentation/maps to fully convey the need for the request.)

This A-1 establishes a project to replace existing waterfront facilities constructed in 1920 with new code compliant, energy efficient construction. This initial A-1 requests approval to proceed with Phase One which consists of the programming, preliminary design, and cost estimating A&E services only. This proposed facility will be comprised of approximately 10,000 gross square feet (see below) and will include staff offices, classroom, boat storage, and floating docks.

- Boat House: 8000sf Total (4,000sf heated, 4000sf unconditioned)
- Boat Storage Office: 1000sf heated
- Open Air Covered Pavilion: 1000sf unconditioned

**6. OPERATING COST IMPLICATIONS**

Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

**7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES**

Estimated Start Date: 15-Jun-16 Estimated Completion Date: 1-Dec-17  
 Estimated Expenditures: Thru Current FY: (15-16) \$ 10,000.00 After current FY: \$ \$35,000.00

**8. ESTIMATES OF NEW/REVISED PROJECT COSTS**

PROJECT NUMBER: \_\_\_\_\_

- 1. \_\_\_\_\_ Land Purchase ----->
  - 2. \_\_\_\_\_ Building Purchase ----->
  - 3. 45,000.00 Professional Services Fees
  - 4. \_\_\_\_\_ Equipment and/or Materials ----->
  - 5. \_\_\_\_\_ Site Development
  - 6. \_\_\_\_\_ New Construction ----->
  - 7. \_\_\_\_\_ Renovations - Building Interior ----->
  - 8. \_\_\_\_\_ Renovations - Utilities
  - 9. \_\_\_\_\_ Roofing - \_\_\_\_\_
  - 10. \_\_\_\_\_ Renovations - Building Exterior
  - 11. \_\_\_\_\_ Other Permanent Improvements
  - 12. \_\_\_\_\_ Landscaping
  - 13. \_\_\_\_\_ Builders Risk Insurance
  - 14. \_\_\_\_\_ Other Capital Outlay
  - 15. \_\_\_\_\_ Labor Costs
  - 16. \_\_\_\_\_ Bond Issue Costs
  - 17. \_\_\_\_\_ Other: Asbestos Abatement
  - 18. \_\_\_\_\_ Contingency \_\_\_\_\_
- 45,000.00 TOTAL PROJECT BUDGET

Land: \_\_\_\_\_ Acres  
 Floor Space: \_\_\_\_\_ Gross Square Feet  
 Information Technology \$ N/A  
 Floor Space: \_\_\_\_\_ Gross Square Feet  
 Floor Space: \_\_\_\_\_ Gross Square Feet

ENVIRONMENTAL HAZARDS	
Identify all types of significant environmental hazards (including asbestos, PCB's, etc.) present in the project and the financial impact they will have on the project.	
Type: _____	_____
<u>Cost Breakdown</u>	
Design Services	_____
Monitoring	_____
Abate/Remed	_____
Total Costs	_____

**9. PROPOSED SOURCE OF FUNDING**

Source	Previously Approved Amount	Proposed Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev Object Code	Treasurer's ID Number	Rev Sub Fund	Exp Sub Fund
(0) Capital Improvement Bonds, Group 35								
(1) Dept. Capital Improvement Bonds Group								
(2) Institution Bonds								
(3) Revenue Bonds								
(4) Excess Debt Service Type								
(5) Capital Reserve Fund								
(6) Appropriated State Program Source								
(7) Federal								
(8) Athletic								
(9) Other -Specify Gifts	0.00	45,000.00	45,000.00		7602	98800100	3036	3907
<b>TOTAL BUDGET</b>		45,000.00	\$45,000.00					

**10. SUBMITTED BY:**

*Joseph L. Garcia*  
 COL Joseph L. Garcia  
 Vice President for Finance and Business

*5-12-16*  
 \_\_\_\_\_  
 Date

**11. APPROVED BY:**  
 (For Board Use Only)

\_\_\_\_\_  
 Authorized Signature and Title

\_\_\_\_\_  
 Date

**ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS  
RESULTING FROM PERMANENT IMPROVEMENT PROJECT**

1. AGENCY Code H09 Name The Citadel

2. PROJECT Project # \_\_\_\_\_ Name Boat Center Redevelopment

3. ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS. (Check whether reporting costs or savings.)

COSTS       SAVINGS       NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS / SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1) 2017-18	\$	\$	\$	\$ 0.00
2) 2018-19	\$	\$	\$	\$ 0.00
3) 2019-20	\$	\$	\$	\$ 0.00

5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.).

6. Will the additional costs be absorbed into your existing budget?  YES       NO  
If no, how will additional funds be provided? N/A

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

<u>COST FACTORS</u>	<u>AMOUNT</u>
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
TOTAL	\$0.00

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved.

9. Submitted By: Joseph Garcia Col. Joseph Garcia, VP Finance/Business      5-12-16  
Signature of Authorized Official and Title      Date

The Citadel - Boat Center  
Redevelopment

**PERMANENT IMPROVEMENT PROJECT INFORMATION FORMAT  
FOR PHASE I A&E PRE-DESIGN PROJECTS**

1. What is the internal projected cost of the project?

At this time the estimated cost is approximately \$3 million. Cost is subject to change based upon programmatic and conceptual design.

2. What is/are the source(s) of funds to be used for A&E pre-design?  
Gifts (sub-fund 3036)

3. What is your agency/institution's definition of the source(s) of funds used for the A&E pre-design?  
(Please be specific for each source and if there is a statutory authority authorizing the use of the funds for capital projects for the source, please cite the code section. If a source includes any type of fee, what is the fee called, what is the fee amount and when was it put in place?)

The Citadel Foundation has been raising restricted donor gifts for the Boat Center Redevelopment through its current capital campaign. Donor gifts totaling \$45,000.00 have been transferred over to The Citadel for use on the A&E pre-design for this project.

4. What is the current fund balance of uncommitted funds in the source of funds for A&E pre-design?

\$45,000.00

5. What is the source(s) of funds to be used for construction?

Gifts (sub-fund 3036)

6. What is your agency/institution's definition of the source(s) of funds to be used for construction?  
(Please be specific for each if different from those in 3 above. If there is statutory authority authorizing the use of the funds for capital project, please cite the code section and if a source includes a fee, what is the fee called, what is the fee amount and when was it put in place?)

The Citadel Foundation has been raising restricted donor gifts for the Boat Center Redevelopment through its current capital campaign. Any gifts raised for the construction are still being held at the Foundation and have not been transferred over to The Citadel yet.

7. What is the current fund balance of uncommitted funds in each source to be used for construction?

\$1 million

8. Will the use of any funds for A&E pre-design or for construction require an increase in any student fee or tuition?

No.

9. If the use of any funds for A&E pre-design or construction will require any student fee or tuition increase, please explain and include the amount of the fees annually or by semester, what the fee is called and when it was put in place.

Not applicable.

10. What is the total square footage of the building to be renovated or constructed? 10,000sf

11. If a portion of the building is to be renovated, what is the square footage of the portion that will be included in the renovation?

Not applicable.

12. What program(s) will use the space to be renovated/constructed?

E&G

13. What is the current age of the building to be renovated?

Not applicable.

14. What is the current age of the building system(s) to be renovated or replaced?

The Boat Center was constructed in 1920 and contains approximately 7,759 square feet.

15. If any new space is being added to the facility, please provide demand/usage data to support the need.

New Building – not applicable.

16. If the A&E pre-design request is above 1.5% of the internal estimated cost of the project, what is the reason the amount exceeds 1.5%?

The design fee is less than or equal to the 1.5% of the estimated project cost.

17. What are the estimated numbers of students, faculty, staff and/or clients that are expected to use the space affected by the project or for the entire building? (Answer for as many as are applicable.)

The SCCC enrollment has grown over the past 10 years from a 2004 level of 1964 cadets to 2343 in 2013. Unconstrained projections of the size of the SCCC reach 2,443 by 2017 and 2,821 by 2027. The size of the Corps is, however, constrained by the school's residential physical plant to approximately 2,350 cadets. Given historical growth trends this maximum number will be reached in 2016, and the size of the cadet population will be at the physical maximum in Fall 2018.

Our 5th year student population has fluctuated over the past ten years but is projected to grow from the 2013 level of 38 to approximately 51 in 2017, and 66 in 2027.

The undergraduate veteran student population has grown from 6 in 2007 to 108 in 2013. Following the historical growth trend would put the veteran student population at approximately 238 in 2017, and 595 in 2027. This seems to be a reasonable growth vector given the current state of a downsizing military, and many military members processing out with G.I. Bill funds for education.

Our active duty undergraduate student population has fluctuated as well over the past 10 years, but with a generally declining trend. The historical projection of this student population would put it at approximately 36 in 2017, and 15 in 2027. The 2013 level was 34.

18. Has the project been included in a previous year's CPIP? If so, what was the last year the project was included and for which year, 1-5?

Project was included in the 2016 CPIP Year 1.

19. What are the economic impacts of the project, including job creation and retention? If there are none, please explain.

In addition to creating an attractive and efficient space to support sailing, rowing and recreational use by the cadets at The Citadel this project replaces an outdated facility constructed in 1920. This facility can also be used for the following purposes:

- Conference space
- Events bringing in the broader general community
- Lectures

The new modern facility will likely increase the retention rate for faculty, staff and students.

20. How will your agency/institution address and fund maintenance of this facility construction/renovation?

The building will be considered E&G (Education & General) so on-going maintenance would be funded by the various maintenance funds The Citadel has reserved for it E&G facilities.

21. If your agency/institution has a deferred maintenance account, what is the name of the account and what is its current uncommitted balance?

Citadel Deferred Maintenance Fund: \$182,104

22. If how maintenance will be addressed and funded for this facility construction/renovation has not been determined yet, what steps are in place to begin to address how your agency/institution will fund maintenance to this and other agency/institution facilities?

Not applicable.



**DESCRIPTION OF INTERIM CAPITAL PROJECTS FOR CONSIDERATION**

June 2, 2016

**THE CITADEL**

**PROJECT NAME:** Duckett Hall HVAC Replacement  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$2,500,000  
**INITIAL CHE APPROVAL DATE:** N/A

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$0	\$70,000	\$70,000
Building Utilities Renovations	\$0	\$2,390,000	\$2,390,000
Contingency	\$0	\$40,000	\$40,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$2,500,000</i></b>	<b><i>\$2,500,000</i></b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Institutional Capital Project Funds (100%)	\$0	\$2,500,000	\$2,500,000
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$2,500,000</i></b>	<b><i>\$2,500,000</i></b>

**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. This project will include the installation of four new air handling units, two lab exhaust fans, and four pumps to replace the existing HVAC system in the building. The scope would also include new ductwork throughout the building, associated piping, insulation, fan coil units and controls. Existing lighting will be replaced with new energy-efficient lighting and new suspended acoustical tile ceilings will be installed throughout.

**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.

**RECOMMENDATION:**

Staff recommends approval of this project as proposed.

<b>FOR BOARD USE ONLY</b>	
CHE	(For Board Use Only)
JBRC	
BC Board	
JBRC Staff	SUMMARY NUMBER
BC Staff	
A-1 Forms Mailed	
SPIRS Date	
Summary	FORM NUMBER

**BUDGET AND CONTROL BOARD - PERMANENT IMPROVEMENT PROJECT REQUEST**

**1. AGENCY**  
 Code HO9 Name THE CITADEL  
 Contact Person John E. Gardner / Kathleen M. Dille Phone # (843) 953-7063

**2. PROJECT**  
 Project # \_\_\_\_\_ Name Duckett Hall HVAC Replacement  
 Facility # 83 Facility Name Duckett Hall

County Code	10	Project Type	Repair / Renovate Existing Facility
New/Revised Budget	\$30,000.00	Facility Type	Program / Academic

**3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR**  
 CPIP priority number 1 of 4 for FY 15-16

**4. PROJECT ACTION PROPOSED (Indicate all requested actions by checking the appropriate boxes)**

Establish Project		Decrease Budget		Close Project	
Establish Project - CPIP	<input checked="" type="checkbox"/>	Change Source of Funds		Change Project Name	
Increase Budget		Revise Scope		Cancel Project	

**5. PROJECT DESCRIPTION AND JUSTIFICATION**

(Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered. Attach supporting documentation/maps to fully convey the need for the request.)

This A-1 is submitted for Stage I approval of Duckett Hall HVAC System Replacement. Duckett Hall was constructed in 1969 and is approximately 23,900 square feet. The HVAC systems are original to the facility and are still operational. The typical life span of these types of HVAC systems are 20 years; this system has exceeded its life span by 27 years. There are four mechanical rooms in the building, one on each floor and one on the roof. The current HVAC systems are in extremely poor condition, they are unable to adequately keep the facility at proper temperatures and humidity levels, especially at peak demands. The air handlers, piping, pumps, control valves and the controls are antiquated and beyond repair. The duct work and duct insulation is in very poor condition and coming apart in sections. In addition, asbestos insulation is used to insulate the chilled water and hot water pipes throughout the facility and needs to be abated. System failures would preclude the use of educational areas of the building. No alternative is a viable option. This project is imperative to provide proper heating and air-conditioning on all three floors of Duckett Hall.

**6. OPERATING COST IMPLICATIONS**

Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

**7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES**

Estimated Start Date: 1-Sep-16 Estimated Completion Date: 31-Dec-17  
 Estimated Expenditures: Thru current FY: (16/17) \$ 30,000.00 After current FY: \$0.00

**8. ESTIMATES OF NEW / REVISED PROJECT COSTS**

PROJECT NUMBER: \_\_\_\_\_

- 1. \_\_\_\_\_ Land Purchase ----->
  - 2. \_\_\_\_\_ Building Purchase ----->
  - 3. 30,000.00 Professional Services Fees
  - 4. \_\_\_\_\_ Equipment and/or Materials ----->
  - 5. \_\_\_\_\_ Site Development
  - 6. \_\_\_\_\_ New Construction ----->
  - 7. \_\_\_\_\_ Renovations - Building Interior ----->
  - 8. \_\_\_\_\_ Renovations - Utilities
  - 9. \_\_\_\_\_ Roofing - \_\_\_\_\_ Roof Age
  - 10. \_\_\_\_\_ Renovations - Building Exterior
  - 11. \_\_\_\_\_ Other Permanent Improvements
  - 12. \_\_\_\_\_ Landscaping
  - 13. \_\_\_\_\_ Builders Risk Insurance
  - 14. \_\_\_\_\_ Other Capital Outlay
  - 15. \_\_\_\_\_ Labor Costs
  - 16. \_\_\_\_\_ Bond Issue Costs
  - 17. \_\_\_\_\_ Other: Testing & Inspections
  - 18. \_\_\_\_\_ Contingency \_\_\_\_\_
- 30,000.00 TOTAL PROJECT BUDGET

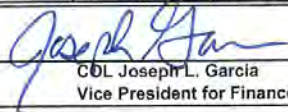
Land: \_\_\_\_\_ Acres  
 Floor Space: \_\_\_\_\_ Gross Square Feet  
 Information Technology \$ \_\_\_\_\_  
 Floor Space: \_\_\_\_\_ Gross Square Feet  
 Floor Space: \_\_\_\_\_ Gross Square Feet

ENVIRONMENTAL HAZARDS	
Identify all types of significant environmental hazards (including asbestos, PCB's, etc.) present in the project and the financial impact they will have on the project.	
Type:	<u>Asbestos Abatement</u>
Cost Breakdown	
Design Services	_____
Monitoring	_____
Abate/Remed	_____
Total Costs	<u>\$0.00</u>

**9. PROPOSED SOURCE OF FUNDING**

Source	Previously Approved Amount	Proposed Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev Object Code	Treasurer's ID Number	Rev Sub Fund	Exp Sub Fund
(0) Capital Improvement Bonds, Group 35					8115	09900539	3043	3043
(1) Dept. Capital Improvement Bonds Group					8115		3143	3143
(2) Institution Bonds								3235
(3) Revenue Bonds								3393
(4) Excess Debt Service Type								3497
(5) Capital Reserve Fund					8895		3603	3603
(6) Appropriated State Program Source					8895	68800100	1001	3600
(7) Federal						78800100		5787
(8) Athletic						88800100		3807
(9) Other -Specify ICPF		\$ 30,000.00	\$ 30,000.00		7262	98800100 98800100	4277	3907 3907
<b>TOTAL BUDGET</b>		<b>\$ 30,000.00</b>	<b>\$ 30,000.00</b>					

**10. SUBMITTED BY:**

  
 CDL Joseph L. Garcia  
 Vice President for Finance and Business

5-12-16  
 Date

**11. APPROVED BY:**

(For Board Use Only)

Authorized Signature and Title

Date

**ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS  
RESULTING FROM PERMANENT IMPROVEMENT PROJECT**

1. AGENCY Code H09 Name The Citadel

2. PROJECT Project # \_\_\_\_\_ Name Duckett Hall HVAC Replacement

3. ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS. (Check whether reporting costs or savings.)

COSTS       SAVINGS       NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS / SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1) 17-18	\$ 6,900.00	\$	\$	\$ 6,900.00
2) 18-19	\$ 7,080.00	\$	\$	\$ 7,080.00
3) 19-20	\$ 7,270.00	\$	\$	\$ 7,270.00

5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.).  
N/A

6. Will the additional costs be absorbed into your existing budget?  YES  NO  
If no, how will additional funds be provided?  
N/A

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

<u>COST FACTORS</u>	<u>AMOUNT</u>
1. <u>Maintenance</u>	<u>\$2,900.00</u>
2. <u>Energy</u>	<u>4,000.00</u>
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
TOTAL	<u>\$6,900.00</u>

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved. 0

9. Submitted By: Joseph L Garcia      5-12-16  
Joseph Garcia, VP Finance & Business      Date  
Signature of Authorized Official and Title

**PERMANENT IMPROVEMENT PROJECT INFORMATION FORMAT  
FOR PHASE I A&E PRE-DESIGN PROJECTS**

1. What is the internal projected cost of the project?

*\$2,500,000.00*

2. What is/are the source(s) of funds to be used for A&E pre-design?

*Institutional Capital Project Funds (ICPF)*

3. What is your agency/institution's definition of the source(s) of funds used for the A&E pre-design? (Please be specific for each source and if there is a statutory authority authorizing the use of the funds for capital projects for the source, please cite the code section. If a source includes any type of fee, what is the fee called, what is the fee amount and when was it put in place?)

*Institutional Capital Project Funds (ICPF) are accumulated student tuition and registration fees collected on an annual basis in excess of the college's E&G debt service requirements.*

4. What is the current fund balance of uncommitted funds in the source of funds for A&E pre-design?

*Current fund balance is \$986,708.00*

5. What is the source(s) of funds to be used for construction?

*Institutional Capital Project Funds (ICPF)*

6. What is your agency/institution's definition of the source(s) of funds to be used for construction? (Please be specific for each if different from those in 3 above. If there is statutory authority authorizing the use of the funds for capital project, please cite the code section and if a source includes a fee, what is the fee called, what is the fee amount and when was it put in place?)

*Institutional Capital Project Funds (ICPF) are accumulated student tuition and registration fees collected on an annual basis in excess of the college's E&G debt service requirements.*

7. What is the current fund balance of uncommitted funds in each source to be used for construction?

*Current fund balance is \$986,708.00*

8. Will the use of any funds for A&E pre-design or for construction require an increase in any student fee or tuition?

*No.*

9. If the use of any funds for A&E pre-design or construction will require any student fee or tuition increase, please explain and include the amount of the fees annually or by semester, what the fee is called and when it was put in place.

*Not Applicable*

10. What is the total square footage of the building to be renovated or constructed?

*23,900 GSF*

11. If a portion of the building is to be renovated, what is the square footage of the portion that will be included in the renovation?

*23,900 GSF*

12. What program(s) will use the space to be renovated/constructed?

*Biology Department - Academic Classrooms, Labs and Faculty Offices*

13. What is the current age of the building to be renovated?

*47 years old; Duckett Hall was built in 1969*

14. What is the current age of the building system(s) to be renovated or replaced?

*47 years old*

15. If any new space is being added to the facility, please provide demand/usage data to support the need.

*Not Applicable*

16. If the A&E pre-design request is above 1.5% of the internal estimated cost of the project, what is the reason the amount exceeds 1.5%?

*Not Applicable*

17. What are the estimated numbers of students, faculty, staff and/or clients that are expected to use the space affected by the project or for the entire building? (Answer for as many as are applicable.)

*Estimated number of students expected to use this facility: 100*

*Estimated number of faculty & staff expected to use this facility: 12*

18. Has the project been included in a previous year's CPIP? If so, what was the last year the project was included and for which year, 1-5?

*Yes; FY 15 – 16, year 1*

19. What are the economic impacts of the project, including job creation and retention? If there are none, please explain.

*This renovation will provide proper heating and cooling on all three floors. This will increase retention of faculty, staff and students.*

20. How will your agency/institution address and fund maintenance of this facility construction/renovation?

*This building will be considered E&G (Education & General); therefore ongoing maintenance would be funded by the various maintenance funds The Citadel has reserved for its E&G facilities.*

21. If your agency/institution has a deferred maintenance account, what is the name of the account and what is its current uncommitted balance?

*Citadel Deferred Maintenance Fund: \$182,104*

22. If how maintenance will be addressed and funded for this facility construction/renovation has not been determined yet, what steps are in place to begin to address how your agency/institution will fund maintenance to this and other agency/institution facilities?

*Not Applicable*

**DESCRIPTION OF INTERIM CAPITAL PROJECTS FOR CONSIDERATION**

June 2, 2016

**ORANGEBURG-CALHOUN TECHNICAL COLLEGE**

**PROJECT NAME:** Re-Roofing Projects – Buildings A-J and Connecting Corridors (*Coming thru as an Interim Capital Project*)  
**REQUESTED ACTION:** Increase Budget  
**REQUESTED ACTION AMOUNT:** \$654,068  
**INITIAL CHE APPROVAL DATE:** 5/7/2015

<b>Project Budget</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Professional Service Fees	\$50,000	\$58,260	\$108,260
Roofing	\$1,845,000	\$560,280	\$2,405,280
Contingency	\$205,000	\$35,528	\$240,528
<b>Total</b>	<b>\$2,100,000</b>	<b>\$654,068</b>	<b>\$2,754,068</b>

<b>Source of Funds</b>	<b>Previous</b>	<b>Change</b>	<b>Revised</b>
Local Funds	\$2,100,000	\$654,068	\$2,754,068
<b>Total</b>	<b>\$2,100,000</b>	<b>\$654,068</b>	<b>\$2,754,068</b>

**DESCRIPTION:**

The College requests approval to increase the budget for a project to re-roof buildings A thru J and the 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. The cost estimate from the architect during Phase I came back higher than anticipated, and an increase in budget is needed due to higher roofing costs.

**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.

**RECOMMENDATION:**

Staff recommends approval of this project as proposed.



FOR DEPARTMENT USE ONLY	
CHE	_____
JBRC	_____
SFAA	_____
JBRC Staff	_____
ADMIN Staff	_____
A-1 Form Mailed	_____
SPIRS Date	_____
Summary	_____

(For Department Use Only)
SUMMARY NUMBER
FORM NUMBER

**PERMANENT IMPROVEMENT PROJECT REQUEST**

1. AGENCY Code H59 Name Orangeburg Calhoun Technical College  
 Contact Person Kim R Huff Phone 803-535-1204

2. PROJECT Project # 6109 Name OCtech Re-Roofing Project - Buildings A thru J and connecting corridors  
 Facility # \_\_\_\_\_ Facility Name Multiple facilities

County Code	38 - Orangeburg
New/Revised Budget	\$2,754,068.00

Project Type	3 - Repair/Renovate Existing Facilities/Systems
Facility Type	10 - Campus Wide

3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR  
 CPIP priority number \_\_\_\_\_ of \_\_\_\_\_ for FY \_\_\_\_\_.

4. PROJECT ACTION PROPOSED (Indicate all requested actions by checking the appropriate boxes.)

Establish Project	<input type="checkbox"/>	Decrease Budget	<input type="checkbox"/>	Close Project	<input type="checkbox"/>
Establish Project - CPIP	<input type="checkbox"/>	Change Source of Funds	<input type="checkbox"/>	Change Project Name	<input type="checkbox"/>
Increase Budget	<input checked="" type="checkbox"/>	Revise Scope	<input type="checkbox"/>	Cancel Project	<input type="checkbox"/>

5. PROJECT DESCRIPTION AND JUSTIFICATION  
 (Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered. Attach supporting documentation/maps to fully convey the need for the request.)

This A-1 is being submitted to seek Phase 2 approval of a roof replacement project for Buildings A thru J (and connecting corridors). The scope would include all components of roof replacement, including addressing any secondary drainage. The college initially had plans to do this work as multiple projects over several years but decided to lump together, hoping to save in construction costs as a larger project. The current roofs are over 25 years old and recent assessments have confirmed the need to expedite their replacement. Funding for this project is currently available and will come from college local funds.

6. OPERATING COSTS IMPLICATIONS  
 Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES  
 Estimated Start Date: August 2016 Estimated Completion Date: October 2017  
 Estimated Expenditures: Thru Current FY: \$26,500.00 After Current FY: \$2,727,568.00

8. ESTIMATES OF NEW/REVISED PROJECT COSTS

<b>PROJECT #</b>	6109
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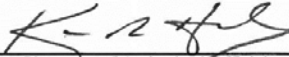
- 1. \_\_\_\_\_ Land Purchase ----> Land: \_\_\_\_\_ Acres
- 2. \_\_\_\_\_ Building Purchase ----> Floor Space: \_\_\_\_\_ Gross Square Feet
- 3. 108,260.00 Professional Services Fees
- 4. \_\_\_\_\_ Equipment and/or Materials ----> Information Technology \_\_\_\_\_
- 5. \_\_\_\_\_ Site Development
- 6. \_\_\_\_\_ New Construction ----> Floor Space: \_\_\_\_\_ Gross Square Feet
- 7. \_\_\_\_\_ Renovations - Building Interior ----> Floor Space: \_\_\_\_\_ Gross Square Feet
- 8. \_\_\_\_\_ Renovations - Utilities
- 9. 2,405,280.00 Roofing - 26 Roof Age
- 10. \_\_\_\_\_ Renovations - Building Exterior
- 11. \_\_\_\_\_ Other Permanent Improvements
- 12. \_\_\_\_\_ Landscaping
- 13. \_\_\_\_\_ Builders Risk Insurance
- 14. \_\_\_\_\_ Other Capital Outlay
- 15. \_\_\_\_\_ Labor Costs
- 16. \_\_\_\_\_ Bond Issue Costs
- 17. \_\_\_\_\_ Other: \_\_\_\_\_
- 18. 240,528.00 Contingency

\$2,754,068.00 TOTAL PROJECT BUDGET

ENVIRONMENTAL HAZARDS	
Identify all types of significant environmental hazards (including asbestos, PCB's, etc..) present in the project and the financial impact they will have on the project. Type: _____	
<u>Cost Breakdown</u>	
Design Services	\$ _____
Monitoring	\$ _____
Abate/Remed	\$ _____
Total Costs	\$ _____ 0.00

9. PROPOSED SOURCE OF FUNDING

Source	Previously Approved Amount	Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev Object Code	Treasurer's ID Number	Rev Sub Fund	Exp Sub Fund
(0) CIB, Group			0.00 0.00		8115		3043	3043
(1) Dept. CIB, Group			0.00 0.00		8115		3143	3143
(2) Institution Bonds			0.00 0.00					3235
(3) Revenue Bonds			0.00 0.00					3393
(4) Excess Debt Service			0.00 0.00					3497
(5) Capital Reserve Fund			0.00 0.00		8895		3603	3603
(6) Appropriated State			0.00 0.00		8895	68800100	1001	3600
(7) Federal			0.00 0.00			78800100		5787
(8) Athletic			0.00 0.00			88800100		3807
(9) Other (Specify) College Local Funds	50,000.00	2,704,068.00	2,754,068.00 0.00 0.00			98800100		3907
<b>TOTAL BUDGET</b>	<b>\$50,000.00</b>	<b>\$2,704,068.00</b>	<b>\$2,754,068.00</b>					

10. SUBMITTED BY:  VP Business 5/11/16  
 Signature of Authorized Official and Title Date

11. APPROVED BY: \_\_\_\_\_  
 (For Department Use Only) Authorized Signature and Title Date

**ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS  
RESULTING FROM PERMANENT IMPROVEMENT PROJECT**

1. AGENCY Code H59 Name Orangeburg Calhoun Technical Colleg

2. PROJECT Project # 6109 Name OCtech Re-Roofing Project - Buildings A thru J and connecting corridors

3. ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS. (Check whether reporting costs or savings.)

COSTS       SAVINGS       NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS / SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1)	\$	\$	\$	\$ 0.00
2)	\$	\$	\$	\$ 0.00
3)	\$	\$	\$	\$ 0.00

5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.).  
The college does anticipate a slight decline in roofing repair expenditures in future years but there is no way to quantify.

6. Will the additional costs be absorbed into your existing budget?  YES       NO  
If no, how will additional funds be provided?

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

	<u>COST FACTORS</u>	<u>AMOUNT</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
	TOTAL	\$0.00

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved. \_\_\_\_\_

9. Submitted By: *K. R. H. VP Business*      *5/11/16*  
Signature of Authorized Official and Title      Date

**PERMANENT IMPROVEMENT PROJECT INFORMATION FORMAT  
FOR PHASE II CONSTRUCTION BUDGET**

1. What is the total projected cost of the project and what is it based on? Please attach a summary of the costs prepared during the A&E pre-design phase to support the total cost.

The total projected cost of the project is \$2,754,068. The A1 previously submitted for Phase 1 was \$2.1 million and based on internal estimates for similar work a few years ago. The revised amount is based estimates provided by the architect during the A&E pre-design phase. The amount includes construction costs, A&E fees, and a 10% contingency. Documents from the architect are attached.

2. What is/are the source(s) of funds for the construction? If any private or federal funds are included, please attach a letter guaranteeing the availability of the funds.

College local funds in the college's capital projects account.

3. What is your agency/institution's definition of each fund source to be used for construction? (If any type of fee makes up a portion of the source, what is the fee called, what is the fee amount, and when it was put in place. If there is a statutory authority authorizing the use of the funds for capital projects, please cite the code section.)

The funds in the capital projects account usually result from excess operating revenues over expenses. Each year the college transfers excess funds to the capital projects account to be used for projects. Basically, it is excess tuition revenues. No state funds are included in the transfer, as all state appropriations are used for salaries and benefits each year.

4. What is the current uncommitted balance of funds for each source listed in 3 above?

As of this date, the college has \$2,754,068 of funding available in the capital projects fund for this project. In addition, there is approximately \$1.5 million of additional uncommitted funds to address future maintenance and repair needs.

5. If institution or revenue bonds are included as a source, when were the bonds issued? If not issued yet, when is the bond resolution expected to be brought for State Fiscal Accountability Authority approval?

The college has no institution or revenue bonds and has no plans to incur debt or issue bonds for this project.

6. If a student fee is used to fund debt service, what is the current amount of the fee annually or by semester? Please specify which.

The college has no student fees to fund debt service.

7. Will the use of any funds for construction require an increase in any student fee or tuition? If so, please explain in detail.

No

8. Will the project be LEED certified for energy savings and conservation and if so, at what level will it be certified? For projects requiring or using LEED certification, please attach the required cost-benefit analysis and a checklist of items to be used to achieve LEED points or a description of the energy measures to achieve LEED.

No.

9. What energy savings/conservation measures will be implemented within the project if the project will not be LEED certified? For projects that do not require/use LEED, please provide a paragraph on energy savings measures to be implemented as part of the project. If there are no energy savings measures included, please state that and explain why.

The project is re-roofing only. The college could potentially recognize some energy savings with better insulated roofs.

10. What is the projected date (month and year) for execution of the construction contract?

August 2016

11. What is the projected date (month and year) for completion of construction?  
October 2017
12. What program(s) are to be included in the constructed or renovated space?  
Various programs are impacted, as this involves multiple buildings on campus. These buildings house faculty and staff offices, classrooms, labs, a lecture hall, and the library.
13. What is the total square footage of the building to be renovated or constructed?  
The estimated square footage of the roofs and corridors requiring work is 145,000 sq ft
14. If a portion of the building is to be renovated, what is the square footage of the portion that will be included in the renovation?  
This project is only for re-roofing.
15. What is the current age of the building or building systems to be renovated?  
The buildings range in age from 40-45 years. The current roofs are approximately 26 years old.
16. If any new space is being added to the facility, please provide demand/usage data to support the need.  
No new space being added.
  
17. What are the estimated numbers of students, faculty, staff and/or clients that are expected to use the space affected by the project or the entire building? (Answer for as many as are applicable.)  
The 10 buildings being re-roofed contain the following: offices for 85 faculty and/or staff, 20 classrooms with an average capacity of 21 each, 15 labs with an average capacity of 21, one large computer lab with a capacity of 90, one large lecture room with a capacity of 180, and the college's library.
18. If the construction cost increased significantly from the internal estimate (30% or more), what factors caused the cost to increase?  
The college was using internal estimates based on previous roofing work done several years ago. This did not reflect increases in product costs, labor costs, or current market conditions.
19. If the contingency is more than 10%, please explain why.  
Contingency is set at 10%
20. If funds are being transferred from another project, what is the current status of the project from which funds are being transferred?  
No funds being transferred from another project.
21. Has the project been included in a previous year's CPIP? If so, what was the last year the project was included and for which year, 1-5?  
The project has been included in the 2015 and 2016 CIPs. It is on the 2016 CPIP as a Yr 2 project.
22. What are the economic impacts of the project, including job creation and retention? If there are none, please explain.  
N/A. This project is a re-roofing project for multiple existing buildings on campus.
23. How will your agency/institution address and fund maintenance of this facility construction/renovation?  
N/A. No additional recurring costs will be incurred as a result of this project.

24. If your agency/institution has a deferred maintenance account, what is the name of the account and what is its current uncommitted balance?

The college does not have an account specifically for deferred maintenance. The college includes funds annually in its operating budget for routine maintenance. The college has been able to minimize deferred maintenance by having a system of planned maintenance projects. Funding for large maintenance projects comes from the college's capital projects account.

25. If how maintenance will be addressed and funded for this facility construction/renovation has not been determined yet, what steps are in place to begin to address how your agency/institution will fund maintenance to this and other agency/institution facilities?

N/A

**YORK TECHNICAL COLLEGE**

**PROJECT NAME:** Library Expansion & Learning Commons Construction  
**PRIORITY NUMBER:** 1  
**REQUESTED ACTION:** Change Source of Funds, Revise Scope  
**REQUESTED ACTION AMOUNT:** \$0  
**INITIAL CHE APPROVAL DATE:** 6/20/2012

<b><u>Project Budget</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
Professional Service Fees	\$835,571	\$61,992	\$897,563
Equipment and/or Materials	\$0	\$348,194	348,194
Site Development	\$147,518	\$531,540	\$679,058
New Construction	\$6,426,732	(\$2,510,787)	\$3,915,945
Interior Building Renovations	\$1,928,979	\$906,706	\$2,835,685
Other Permanent Improvements (Additional Casework)	\$161,715	(\$161,715)	\$0
Landscaping	\$10,000	(\$10,000)	\$0
Builders Risk Insurance	\$9,600	(\$9,600)	\$0
Other (Chapter 1 & Chapter 17 Inspection Services)	\$28,000	(\$28,000)	\$0
Other (Inspections/Material Testing/LEED)	\$0	\$299,188	\$299,188
Contingency	\$424,810	\$572,482	\$997,292
<b>Total</b>	<b>\$9,972,925</b>	<b>\$0</b>	<b>\$9,972,925</b>

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
College Capital Reserve Funds	\$8,476,986.25	\$1,495,938.75	\$9,972,925
YTC Foundation	\$1,495,938.75	(1,495,938.75)	\$0
<b>Total</b>	<b>\$9,972,925</b>	<b>\$0</b>	<b>\$9,972,925</b>

**DESCRIPTION:**

The College requests approval to start Phase II of the Library Expansion & Learning Commons Construction project. This project was originally approved through the FY2013-14 CPIP, and was staff approved for Phase I as an interim project in June 2012. The scope of the project in June 2012 included a 31,507-square-foot addition, which consisted of a first floor addition of 17,092-square-feet and a second floor addition of 14,415-square-feet. An estimated 1,242-square-feet of the current library was to be renovated.

The current project revision seeks to renovate 20,480-square-feet of the current library, which is an increase of 19,238-square-feet from the June 2012 project proposal, and to construct a library addition of 14,130-square-feet, which is a decrease of 17,377-square-feet from the June 2012 project proposal. A second floor addition is no longer included in the project scope.

The College also seeks to change \$1,495,938.75 in the source of funds from the York Technical College Foundation to the College Capital Reserve Funds, which are excess revenues generated by college operations. When the College began planning for the Learning Commons in 2010, the College did not have sufficient funds in its College Capital Reserve Funds to complete the Learning Commons project without help from the York Technical College Foundation. Thus, the initial CPIP included the Foundation as a funding source for this project. In 2016, the College's financial position had improved enough so it can cover the complete cost of the Learning Commons project.

The Learning Commons project is included in the College's Master Plan. The existing Library will be renovated and an addition will be added to the East and South ends of the current building. The

renovation and expansion of the library has a twofold purpose. First, the Library/Learning Commons will essentially serve as the hub of student campus life and will provide library resources, private study areas, group collaboration areas, bookstore, and food service operations. Secondly, other programs and services will be brought to this building to support student retention and job placement. Some of these programs include Academic Coaching & Tutoring, Career Resources, Information Services Help Desk, Work-Based Learning, and Instruction Development.

Approximately 20,480-square-feet of the existing building will be renovated and 14,130-square-feet will be added to allow additional space for student and group work areas as well as café and dining seating. Total project square footage is estimated at 34,610. The purpose of the Learning Commons concept is to create an atmosphere of community and a place for students and faculty to gather and collaborate.

**E&G MAINTENANCE NEEDS REDUCTION:**

The project will alleviate a portion of the \$34,792 in existing maintenance needs.

**ANNUAL OPERATING COSTS/SAVINGS:**

Utilities, maintenance, custodial services, and benefits will require additional operating costs of \$38,992 in the first year, \$40,162 in the second year, and \$41,367 in the third year following project completion.

**RECOMMENDATION:**

Staff recommends approval of this project as proposed.



FOR BOARD USE ONLY	
CHE	_____
JBRC	_____
BC Board	_____
JBRC Staff	_____
BC Staff	_____
A-1 Form Mailed	_____
SPIRS Date	_____
Summary	_____

(For Board Use Only)
<b>SUMMARY NUMBER</b>
<b>FORM NUMBER</b>

**BUDGET AND CONTROL BOARD - PERMANENT IMPROVEMENT PROJECT REQUEST**

1. AGENCY Code H59 Name York Technical College  
 Contact Person Robert Brown Phone (803) 981-7375

2. PROJECT Project # 6056 Name York - Library Expansion and Learning Commons Construction  
 Facility # TBD Facility Name Library and Learning Commons

County Code	46
New/Revised Budget	\$9,972,925.00

Project Type	Renovate / Construct
Facility Type	Program/Academic

3. CPIP PROJECT APPROVAL FOR CURRENT FISCAL YEAR  
 CPIP priority number 1 of 2 for FY 2016

4. PROJECT ACTION PROPOSED (Indicate all requested actions by checking the appropriate boxes.)

Establish Project	<input type="checkbox"/>	Decrease Budget	<input type="checkbox"/>	Close Project	<input type="checkbox"/>
Establish Project - CPIP	<input type="checkbox"/>	Change Source of Funds	<input type="checkbox"/>	Change Project Name	<input type="checkbox"/>
Increase Budget	<input checked="" type="checkbox"/>	Revise Scope	<input type="checkbox"/>	Cancel Project	<input type="checkbox"/>

5. PROJECT DESCRIPTION AND JUSTIFICATION  
 (Explain and justify the project or revision, including what it is, why it is needed, and any alternatives considered. Attach supporting documentation/maps to fully convey the need for the request.)

This project is being submitted for Phase II approval. The Library Expansion & Learning Commons Construction project is included in the College's Master Plan. The existing Library will be renovated and an addition will be added to the East and South ends of the current building. The renovation and expansion of the library has a two fold purpose: First, the Library/Learning Commons will essentially serve as the hub of student campus life and will provide library resources, private study areas, group collaboration areas, bookstore & food service operations. Secondly, other programs/services will be brought to this building to support student retention and job placement. Some of these programs include Academic Coaching & Tutoring, Career Resources, Information Services Help Desk, Work-Based Learning, and Instruction Development. Approximately 20,480 SF of the existing building will be renovated and a 14,130 SF will be added to allow additional space for student/group work areas as well as cafe/dining seating. Total project square footage is estimated at 34,610. The purpose of the Library/Learning Commons concept is to create an atmosphere of community and a place for students and faculty to gather and collaborate.

6. OPERATING COSTS IMPLICATIONS  
 Attach Form A-49 if any additional operating costs or savings will result from this request. This includes costs to be absorbed with current funding.

7. ESTIMATED PROJECT SCHEDULE AND EXPENDITURES  
 Estimated Start Date: February 2013 Estimated Completion Date: August 2018  
 Estimated Expenditures: Thru Current FY: \$149,590.00 After Current FY: \$9,823,335.00

8. ESTIMATES OF NEW/REVISED PROJECT COSTS

<b>PROJECT #</b>	6056
------------------	------

1. \_\_\_\_\_ Land Purchase ---->
  2. \_\_\_\_\_ Building Purchase ---->
  3. 897,563.00 Professional Services Fees
  4. 348,194.00 Equipment and/or Materials ---->
  5. 679,058.00 Site Development
  6. 3,915,945.00 New Construction ---->
  7. 2,835,685.00 Renovations - Building Interior ---->
  8. \_\_\_\_\_ Renovations - Utilities
  9. \_\_\_\_\_ Roofing - \_\_\_\_\_ Roof Age
  10. \_\_\_\_\_ Renovations - Building Exterior
  11. \_\_\_\_\_ Other Permanent Improvements
  12. \_\_\_\_\_ Landscaping
  13. \_\_\_\_\_ Builders Risk Insurance
  14. \_\_\_\_\_ Other Capital Outlay
  15. \_\_\_\_\_ Labor Costs
  16. \_\_\_\_\_ Bond Issue Costs
  17. 299,188.00 Other: Inspections/Material Testing/ LEED
  18. 997,292.00 Contingency
- \$9,972,925.00 TOTAL PROJECT BUDGET

Land: \_\_\_\_\_ Acres  
 Floor Space: \_\_\_\_\_ Gross Square Feet  
 Information Technology \_\_\_\_\_  
 Floor Space: 14,130 Gross Square Feet  
 Floor Space: 20,480 Gross Square Feet

ENVIRONMENTAL HAZARDS	
Identify all types of significant environmental hazards (including asbestos, PCB's, etc.) present in the project and the financial impact they will have on the project. Type: _____	
<u>Cost Breakdown</u>	
Design Services	\$ _____
Monitoring	\$ _____
Abate/Remed	\$ _____
Total Costs	\$ _____ 0.00

9. PROPOSED SOURCE OF FUNDING

Source	Previously Approved Amount	Increase/Decrease	Original/Revised Budget	Transfer to/from Proj. #	Rev Object Code	Treasurer's ID Number	Rev Sub Fund	Exp Sub Fund
(0) CIB, Group					8115		3043	3043
(1) Dept. CIB, Group					8115		3143	3143
(2) Institution Bonds								3235
(3) Revenue Bonds								3393
(4) Excess Debt Service								3497
(5) Capital Reserve Fund					8895		3603	3603
(6) Appropriated State					8895	68800100	1001	3600
(7) Federal						78800100		5787
(8) Athletic						88800100		3807
(9) Other (Specify) College Capital Reserve Fund	<u>149,590.00</u>	<u>9,823,335.00</u>	<u>9,972,925.00</u>			98800100		3907
<b>TOTAL BUDGET</b>	<b>\$ 149,590.00</b>	<b>\$ 9,823,335.00</b>	<b>\$9,972,925.00</b>					

10. SUBMITTED BY:

  
 Vice President for Business Services  
 Signature of Authorized Official and Title

May 11, 2016

Date

11. APPROVED BY:

(For Board Use Only)

\_\_\_\_\_  
 Authorized Signature and Title

\_\_\_\_\_  
 Date

**ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS  
RESULTING FROM PERMANENT IMPROVEMENT PROJECT**

1. AGENCY Code H59 Name York - Library Expansion and Learning Commons Construction

2. PROJECT Project # 6056 Name Library Expansion and Learning Commons Construction

3. ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS. (Check whether reporting costs or savings.)  
 COSTS       SAVINGS       NO CHANGE

4.

TOTAL ADDITIONAL OPERATING COSTS / SAVINGS				
Projected Financing Sources				
(1)	(2)	(3)	(4)	(5)
Fiscal Year	General Funds	Federal	Other	Total
1) 2018-2019	\$	\$	\$ 38,992.00	\$ 38,992.00
2) 2019-2020	\$	\$	\$ 40,162.00	\$ 40,162.00
3) 2020-2021	\$	\$	\$ 41,367.00	\$ 41,367.00

5. If "Other" sources are reported in Column 4 above, itemize and specify what the other sources are (revenues, fees, etc.).  
 Local County appropriations will be used to cover operational expenses.

6. Will the additional costs be absorbed into your existing budget?  YES       NO  
 If no, how will additional funds be provided?

7. Itemize below the cost factors that contribute to the total costs or savings reported above in Column 5 for the first fiscal year.

<u>COST FACTORS</u>	<u>AMOUNT</u>
1. <u>Utilities (Elect, Gas, Water &amp; Sewer)</u>	<u>\$3,110.00</u>
2. <u>Maintenance</u>	<u>23,152.00</u>
3. <u>Custodian - Personnel</u>	<u>12,730.00</u>
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
<b>TOTAL</b>	<u>\$38,992.00</u>

8. If personal services costs or savings are reported in 7 above, please indicate the number of additional positions required or positions saved. 0.5

9. Submitted By: *Max Charles* Vice President for Business Services      May 11, 2016  
 Signature of Authorized Official and Title      Date

**PERMANENT IMPROVEMENT PROJECT INFORMATION FORMAT  
FOR PHASE II CONSTRUCTION BUDGET**

1. What is the total projected cost of the project and what is it based on? Please attach a summary of the costs prepared during the A&E pre-design phase to support the total cost.

\$9,972,925.00 See attached summary from phase I construction cost estimate.

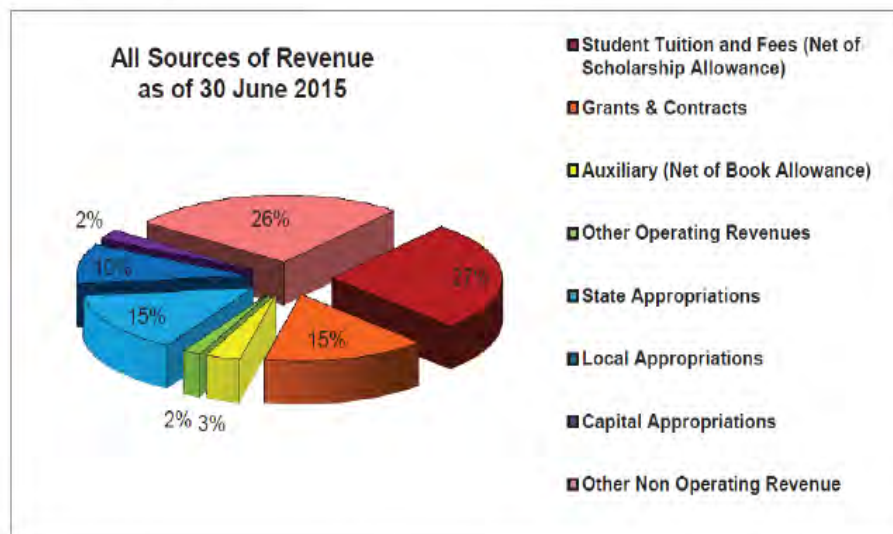
2. What is/are the source(s) of funds for the construction? If any private or federal funds are included, please attach a letter guaranteeing the availability of the funds.

**York Technical College Capital Reserve Fund**

3. What is your agency/institution's definition of each fund source to be used for construction? (If any type of fee makes up a portion of the source, what is the fee called, what is the fee amount, and when it was put in place. If there is a statutory authority authorizing the use of the funds for capital projects, please cite the code section.)

Capital reserve funds come from excess revenues generated by college operations.

**Makeup of college revenues:**



More than one-quarter of all revenues come from Pell and other Federal Financial Aid programs, which is approximately equal to actual student out-of-pocket expense. Because individual revenue dollars (with the exception of grant/contract programs that run zero cash flow) are not tracked as they are spent, it is impossible to say with absolute certainty what portion of net unrestricted assets come from student payments.

The college is reluctant to borrow; its preferred strategy is to save up sufficient funds to directly pay for capital activities without borrowing and incurring debt service charges. A consequence of this pay-as-you-go strategy is steady growth of the college's unrestricted fund balance prior to the start of major capital projects. At the end of FYE2015, YTC had a net unrestricted assets balance (net of long-term pension liability) of \$26.4M with no long-term debt.

4. What is the current uncommitted balance of funds for each source listed in 3 above?  
**The entire capital reserve fund is committed to master plan projects, so there is no uncommitted balance. As of 30 June 2015, \$16,359,740 were allocated to the capital reserve fund**
5. If institution or revenue bonds are included as a source, when were the bonds issued? If not issued yet, when is the bond resolution expected to be brought for B&C Board approval?  
**N/A**
6. If a student fee is used to fund debt service, what is the current amount of the fee annually or by semester? Please specify which.  
**N/A**
7. Will the use of any funds for construction require an increase in any student fee or tuition? If so, please explain in detail.  
**No**
8. Will the project be LEED certified for energy savings and conservation and if so, at what level will it be certified? For projects requiring or using LEED certification, please attach the required cost-benefit analysis and a checklist of items to be used to achieve LEED points or a description of the energy measures to achieve LEED.  
**Yes, LEED Silver See attached cost-benefit analysis and checklist.**
9. What energy savings/conservation measures will be implemented within the project if the project will not be LEED certified? For projects that do not require/use LEED, please provide a paragraph on energy savings measures to be implemented as part of the project. If there are no energy savings measures included, please state that and explain why.  
**N/A**
10. What is the projected date (month and year) for execution of the construction contract?  
**May 2017**
11. What is the projected date (month and year) for completion of construction?  
**August 2018**
12. What program(s) are to be included in the constructed or renovated space?  
**Library Services: Circulation, Reference, Archives, and information literacy.  
Central Information Desk: Direction to all services, Check out/loan services to include books, learning objects, DVDs and other media. Tutoring Services sign in. Print Services.  
Academic Coaching and Tutoring Center: Academic Coaching sessions, Academic Subject tutoring, Writing Center.  
Career Resources: Career Assessment and Planning, Employability Skills, Work-based Learning, Cooperative Work Experience, Internship, and Apprenticeship.  
Information Services Help Desk: Login and computing assistance, Computing and application training, Learning Management System assistance.  
Bookstore & Food Services**

13. What is the total square footage of the building to be renovated or constructed?

**34,610 sf (20,480 sf renovation and 14,130 sf addition)**

14. If a portion of the building is to be renovated, what is the square footage of the portion that will be included in the renovation?

**20,480 sf**

15. What is the current age of the building or building systems to be renovated?

**24 years**

16. If any new space is being added to the facility, please provide demand/usage data to support the need. **Approximately 14,000 of new space will be added to the building. This will allow the bookstore and food service operations to be under the same roof as the Library services. Also the addition of 14,000 sf will allow more student zones for both private and collaborative group study. The college's student success initiative will be supported by having the bookstore and food services in the same building as the Library services. This will provide students the opportunity for a meal or light snack and study/collaborate with other students and faculty. Our students want more spaces on campus that allow interactive and collaborative learning engagement or a place to relax between classes.**

**The usage data for the Library over the past 3 years has increased significantly in the areas of database and computer usage by our students. Also our gate count has increased significantly as our students are looking for a place to touchdown. \*See attached Library usage data.**

17. What are the estimated numbers of students, faculty, staff and/or clients that are expected to use the space affected by the project or the entire building? (Answer for as many as are applicable.)

**The college's annual enrollment is over 7,700 and we expect all of these students to use the Library/Learning Commons while they are on campus. We also believe that the majority of our faculty and staff will utilize the building each semester to meet with students, other faculty, or to have a meal/snack. We expect the new renovation/addition to provide over 300+ seats.**

18. If the construction cost increased significantly from the internal estimate (30% or more), what factors caused the cost to increase?

**N/A**

19. If the contingency is more than 10%, please explain why.

**N/A**

20. If funds are being transferred from another project, what is the current status of the project from which funds are being transferred?

**N/A**

21. Has the project been included in a previous year's CPIP? If so, what was the last year the project was included and for which year, 1-5?

**Yes, CPIP 2016 in Year 1.**

22. What are the economic impacts of the project, including job creation and retention? If there are none, please explain.

**This project does not directly create jobs, but because it is expected to improve student retention and success, which in turn creates a larger better-skilled workforce for the region, we believe that it will bring better jobs to York, Chester, and Lancaster counties.**

**By combining our Library Services, Food Services, Bookstore, Academic Coaching/Tutoring, Career Resources, and Help Desk under one roof, we will create for our students a "one-stop shop" for learning and collaboration. The Learning Commons will become the nexus for collaborative**

**learning and positive student outcomes. We believe that this concept will help our students stay engaged, provide easy access to a variety of program/services, and that our Career Resources will be able to help them gain employment immediately following graduation.**

**23. How will your agency/institution address and fund maintenance of this facility construction/renovation?**

**Local County funds will be used to address maintenance of this renovation/addition. All campus operations are funded by the local County.**

**24. If your agency/institution has a deferred maintenance account, what is the name of the account and what is its current uncommitted balance?**

**The college currently does not have any deferred maintenance projects. Ongoing maintenance is funded by the College's Maintenance Reserve and Local County Funds. \$1,000,000 of the college's unrestricted fund balance is allocated to the Maintenance Reserve, which in combination with local county funding of \$750,000 per year, is sufficient to deal with scheduled maintenance activities for the next 5 years.**

**25. If how maintenance will be addressed and funded for this facility construction/renovation has not been determined yet, what steps are in place to begin to address how your agency/institution will fund maintenance to this and other agency/institution facilities?**

**N/A, The College currently has a maintenance staff and plant operations are funded by local county funds which are used for maintenance of all buildings.**

**INFORMATION ITEM**

<b>Capital Projects &amp; Leases Processed by Staff</b>								
<b>May 2016</b>								
<b>Date Approved</b>	<b>Project #</b>	<b>Institution</b>	<b>Project Name</b>	<b>Action Category</b>	<b>Budget Change</b>	<b>Revised Budget</b>	<b>Original Approval Date</b>	<b>Revised Building Condition Survey With Close-out</b>
<b>Maintenance Needs Projects using FY 2015-16 Lottery Allocation and Match</b>								
5/19/2016	9613	The Citadel	FY 2014-15 Maintenance Needs <sup>1</sup>	Change Source of Funds	\$0	\$1,300,000	10/27/2014	-
5/19/2016	New	College of Charleston	2015-16 Maintenance Needs <sup>2</sup>	Establish Project	\$390,000	\$390,000	5/19/2016	-
5/23/2016	9538	Lander University	2014-15 Maintenance Needs <sup>1</sup>	Change Source of Funds	\$0	\$292,719	10/27/2014	-
<b>Routine Staff Approvals</b>								
5/20/2016	6112	USC Columbia	North Energy Plant Expansion and Chilled Water Loop Extension	Establish Construction Budget	\$12,132,250	\$12,310,000	5/18/2015	-
<sup>1</sup> Incorporates FY15-16 Maintenance Needs in lieu of overmatched institutional support. <sup>2</sup> See supporting narrative.								

<b>Leases Processed by Staff</b>						
<b>May 2016</b>						
<b>Date Approved</b>	<b>Action</b>	<b>Institution</b>	<b>Project Name</b>	<b>Purpose/Additional Info</b>	<b>Rates</b>	<b>Term</b>



**COLLEGE OF CHARLESTON**

**PROJECT NAME:** 2015-16 Maintenance Needs  
**REQUESTED ACTION:** Establish Project  
**REQUESTED ACTION AMOUNT:** \$390,000  
**INITIAL CHE APPROVAL DATE:** 5/19/2016

<b><u>Source of Funds</u></b>	<b><u>Previous</u></b>	<b><u>Change</u></b>	<b><u>Revised</u></b>
FY2015-16 Lottery Funds	\$0	\$124,301.24	\$124,301.24
Institutional Capital Project Funds	\$0	\$265,698.76	\$265,698.76
<b><i>Total</i></b>	<b><i>\$0</i></b>	<b><i>\$390,000</i></b>	<b><i>\$390,000</i></b>

**DESCRIPTION:**

This project will provide for the design and replacement of the existing underground HVAC utilities under Green Way between the existing manholes located in the vicinity of the Randolph Hall water fountain and the intersection of College Way and Green Way. This project includes engineering services, trenching, excavation, and replacement of the approximately 45-year-old HVAC piping systems. Fill material and brick pavers will be re-installed. Landscape work will also be included.

**E&G MAINTENANCE NEEDS:**

N/A

**ANNUAL OPERATING COSTS/SAVINGS:**

N/A

**RECOMMENDATION:**

Staff recommends approval of this project as proposed.