

Capital Improvements  
Joint Bond Review Committee

HARVEY S. PEELER, JR.  
SENATE  
CHAIRMAN

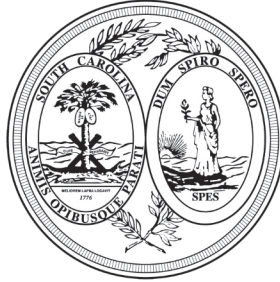
BRUCE W. BANNISTER  
HOUSE OF REPRESENTATIVES  
VICE CHAIRMAN

SENATE MEMBERS  
HARVEY S. PEELER, JR.  
THOMAS C. ALEXANDER  
NIKKI G. SETZLER  
RONNIE W. CROMER  
KATRINA F. SHEALY

F. RICHARD HARMON, JR.  
DIRECTOR OF RESEARCH  
SFAA LIAISON  
803-212-6682

HOUSE MEMBERS  
BRUCE W. BANNISTER  
GILDA COBB-HUNTER  
LEONIDAS E. STAVRINAKIS  
HEATHER AMMONS CRAWFORD  
WILLIAM G. HERBKERSMAN

MILLER A. SMOAK  
ADMINISTRATIVE ASSISTANT  
803-212-6677



JOINT BOND REVIEW COMMITTEE MEETING  
Wednesday, March 20, 2024 – 10:00 a.m.  
105 Gressette Building

AGENDA

Page

1. Proposed Funding to Support an Economic Development Project South Carolina Department of Commerce.....	1
2. Proposed Dispositions of Real Property	
a. South Carolina Public Service Authority	
i. Camp Hall Commerce Park Campus 6, Berkeley County.....	21
ii. Acreage at Highway 501 (Grainger Generating Station Site), Horry County.....	25
iii. Acreage at Highway 701 South (Conway Bypass), Horry County .....	32
3. Proposed Leases	
a. South Carolina Public Service Authority	
i. Grand Strand Humane Society (Myrtle Beach Gas Turbine Site), Horry County .....	36
ii. Hill’s Landing, Berkeley County .....	40
iii. Reddy Ice Manufacturing Facility (Cherokee Co-Generating Facility), Cherokee County ....	43
4. Proposed Permanent Improvement Projects	
a. Proposed Financing for Permanent Improvement Project University of South Carolina, General Obligation State Institution Bonds for Health Sciences Campus, Columbia.....	49
b. Agency Submissions.....	59
c. South Carolina State University Supplemental Housing.....	108
5. Matters Requiring Committee Review and Comment	
a. South Carolina Department of Transportation Proposed Revision to Expenditure Plan for Transportation Infrastructure Acceleration Account .....	111
b. South Carolina Office of Resilience Proposed Mitigation Improvements to USS Yorktown at Patriots Point .....	115
c. South Carolina Commission on Higher Education Comprehensive Plan for Research Partnership and Workforce Development Pursuant to Proviso 11.24 of the Fiscal Year 2023-24 Appropriations Act (CHE: Battelle Alliance at Savannah River National Lab) .....	121
6. Reports	
a. Report of the Fiscal Oversight Subcommittee .....	160
b. South Carolina State Fiscal Accountability Authority Annual Report of Petitions Received for State Ceiling Allocation .....	161
c. South Carolina State Housing Finance and Development Authority Annual Report of State Housing Tax Credits .....	164
d. South Carolina Transportation Infrastructure Bank	
i. Rural Project Program .....	174
ii. Mark Clark Extension Project .....	188
e. Executive Budget Office Disbursement Requests for Savannah River Site Litigation Settlement Funds.....	195
f. Staff Reports	
i. Condition of South Carolina Department of Mental Health Facilities.....	198
ii. Letter to Office of Congressman Russell Fry Concerning South Carolina Veterans Homes	199
7. Future Meeting.....	204

---

AGENCY: South Carolina Department of Commerce

SUBJECT: Proposed Funding to Support Economic Development Project

Chapter 41 of Title 11 of the South Carolina Code of Laws, the State General Obligation Economic Development Bond Act, provides among other things for the issuance of General Obligation State Economic Development Bonds to finance infrastructure for economic development projects.

By letter dated February 28, 2024, the South Carolina Department of Commerce has notified the Committee of a qualifying investment of not less than \$400 million and creation of no fewer than 400 new jobs by a project sponsor engaged in the manufacture of electric batteries for the automotive industry. The project consists of facilities separate but located adjacent to an existing economic development project of a common or related sponsor.

The Department proposes issuance of \$111,000,000 General Obligation State Economic Development Bonds in connection with the qualifying investment and commitment to new jobs by the project sponsor. Proceeds of the bonds will be used to defray costs of eligible items of infrastructure, reimburse the Department for any agency funds made available preceding the issuance of the bonds, and to pay costs of issuance.

In accordance with Section 11-41-70 of the Code of Laws, Secretary of Commerce Lightsey has certified among other things that the improvements to be financed with proceeds of the bonds constitute infrastructure as defined in the Act; that the project consists of an investment by the project sponsor of not less than \$400 million and the creation of no fewer than 400 new jobs; that the construction of the infrastructure will enhance the recruitment and facilitate the operation and growth of industry and business to the state; that benefits of the project outweigh costs of the infrastructure; and that the bonds will serve a public purpose by fostering economic development and increasing employment in the state.

The estimated term of the bonds is 20 years. A preliminary draw schedule is provided as Attachment A-2 to the Secretary's certification, and a schedule of debt service for all economic development bonds currently outstanding, including the proposed bonds on a pro forma basis, is provided as Attachment A-3(ii) to the Secretary's certification.

The Bonds will be general obligations of the state, and the full faith and credit of the state will be pledged to their repayment.

COMMITTEE ACTION:

Review and make recommendation regarding the issuance of not exceeding \$111,000,000 General Obligation State Economic Development Bonds pursuant to the State General Obligation Economic Development Bond Act.

ATTACHMENTS:

1. Letter dated February 28, 2024, of Ms. Karen Blair Manning, Chief Legal Counsel, South Carolina Department of Commerce.
2. Certificate of the Secretary, South Carolina Department of Commerce.
3. Letter dated March 1, 2024, of Mr. Theodore B. DuBose, Haynsworth Sinkler Boyd, PA, Bond Counsel.
4. Bond Information Report and Exhibits.

AVAILABLE:

1. Draft Resolution providing for the issuance and sale of not exceeding \$111,000,000 General Obligation State Economic Development Bonds.



Henry McMaster  
Governor

**SOUTH CAROLINA**  
DEPARTMENT OF COMMERCE

Harry M. Lightsey III  
Secretary

February 28, 2024

Mr. F. Richard Harmon, Jr.  
Joint Bond Review Committee  
105 Gressette Building  
Columbia, SC 29201

Mr. Delbert Singleton  
State Fiscal Accountability Authority  
1200 Senate Street  
Columbia, SC 29201

Dear Rick and Delbert:

The purpose of this letter is to notify the Joint Bond Review Committee (JBRC) and the State Fiscal Accountability Authority (SFAA) of a request by the Department of Commerce ("Commerce") to authorize and approve the proposed issuance of State General Obligation Economic Development Bonds in an amount not to exceed \$111,000,000 (including costs of issuance) in connection with a significant economic development project that consists of job creation and investment in the State of South Carolina by a manufacturer of electric batteries for the automotive industry (the "Project").

Attached is the certification by Secretary Harry Lightsey that the Project meets all statutory requirements of the State General Obligation Economic Development Bond Act and includes a description of the costs of infrastructure that the bond proceeds will be used to defray. Commerce additionally requests the JBRC and SFAA include a provision for reimbursement from proceeds of the Economic Development Bonds or notes, as the case may be, should Commerce use other agency funds available on a short-term basis to fund eligible times of infrastructure prior to the issuance of the bonds.

If you have any questions or require further information, please let me know.

Sincerely,

Karen Blair Manning  
Chief Legal Counsel

KBM  
Attachment

cc: Theodore B. DuBose, Esquire



CERTIFICATE OF THE SECRETARY  
SOUTH CAROLINA DEPARTMENT OF COMMERCE

I, the undersigned, Harry M. Lightsey III, Do Hereby Certify as Follows:

1. I am, as of this date, the duly qualified and acting Secretary of Commerce of the State of South Carolina. I am authorized to execute this certificate on behalf of the South Carolina Department of Commerce (the "Department"), and I am knowledgeable with respect to the matters set forth herein.

2. Pursuant to Section 11-41-70 of the Code of Laws of South Carolina, 1976, as amended, the Department hereby notifies the Joint Bond Review Committee and the State Fiscal Accountability Authority of the State of South Carolina of its request to authorize the issuance of General Obligation State Economic Development Bonds (the "Economic Development Bonds") in connection with an economic development project known as "Project Agave", which consists of an investment in the State of South Carolina (the "State") by a firm or firms (the "Sponsor") engaged in the manufacture of electric batteries for use in the automotive industry (the "Project").

3. While undertaken at an adjacent location and by a common or related Sponsor, the Project consists of facilities separate from that economic development project and its associated infrastructure to be financed pursuant to that resolution adopted by the Authority on October 18, 2022, as amended and restated by a resolution adopted by the Authority on December 12, 2023.

4. Based upon my independent inquiry and review, I hereby certify that the improvements to be financed with the proceeds of the Economic Development Bonds requested by this Certificate for the benefit of the Project constitutes "infrastructure" as defined in Section 11-41-30(3) of the Code of Laws of South Carolina, 1976, as amended (the "Infrastructure"). The Infrastructure is further described in Attachment A-1 hereto.

5. The amount hereby requested for allocation to the Department to defray the costs of the Infrastructure, including contingency funds against inflation and cost overruns, and costs of issuance is One Hundred Eleven Million Dollars (\$111,000,000).

6. Based upon my independent inquiry and review, I hereby certify that the Project consists of an "investment" (as defined in Section 11-41-30(4) of the Code of Laws of South Carolina, 1976, as amended) by the Sponsor in the Project of a total of not less than Four Hundred Million Dollars (\$400,000,000), and the creation at the Project by the Sponsor of a total of no fewer than four hundred (400) "new jobs" (as defined in Section 11-41-30(7) of the Code of Laws of South Carolina, 1976, as amended). A tentative time schedule setting forth the period of time during which the sum requested hereby is to be expended is shown in Attachment A-2 hereto.

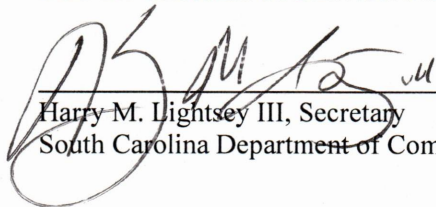
7. A table showing the aggregate annual principal and interest requirements for all General Obligation State Economic Development Bonds outstanding is shown at Attachment A-3(i). Attachment A-3(ii) shows the same, categorized by applicable provisions of Section 11-41-50, together with pro forma annual principal and interest requirements, as of the date hereof, for the bonds hereby requested for issuance. Shown in Attachment A-3(iii) for purposes of information are the aggregate annual principal and interest requirements for all General Obligation State Economic Development Bonds outstanding, pro forma annual principal and interest requirements, as of the date hereof, for the bonds hereby proposed for issuance, and pro forma annual principal and interest requirements, as of the date hereof, for General Obligation State Economic Development Bonds approved by the State Fiscal Accountability Authority but not yet issued.

8. As of the date hereof, General Obligation State Economic Development Bonds have previously been authorized and issued under the General Obligation State Economic Development Bond Act in an aggregate principal amount of \$776,910,000.

9. Based on my independent investigation and review of the Project, the proposed Infrastructure and the Sponsor, I hereby certify: that I have determined that the construction of the Infrastructure for the benefit of the Project enhances the recruitment of industry and business to the State, facilitates the operation and growth of industry and businesses in the State, and thereby provides significant and substantial direct and indirect benefits to the State and its residents, including employment and other opportunities; that such benefits outweigh the costs of the Infrastructure; that such benefits are reasonably expected to be realized and are not speculative; and that for such reasons it is in the best interest of the State to authorize the issuance of the Economic Development Bonds; and that the Economic Development Bonds, issued for such purpose, serve a public purpose in directly fostering economic development and increasing employment in the State. I further certify that the primary beneficiaries of the issuance of the Economic Development Bonds and the construction of Infrastructure for the Project are the State of South Carolina and its residents.

IN WITNESS WHEREOF, I have set my hand this 28th day of February, 2024.

SOUTH CAROLINA DEPARTMENT OF COMMERCE



Harry M. Lightsey III, Secretary  
South Carolina Department of Commerce

DESCRIPTION OF INFRASTRUCTURE

Infrastructure Eligible under S.C. Code § 11-41-30(3):

<u>Description</u>	<u>Projected Costs (in Thousands)</u>
Warehouse Building on Land Owned by Florence County .....	\$45,000
Mass Grading, Site Preparation, Internal Roads .....	20,000
Off-site Road Improvements.....	30,000
Off-site Water System Improvements.....	5,000
Training Center Expansion and Improvements .....	3,000
Off-site Infrastructure Contingency .....	<u>7,000</u>
TOTAL .....	\$110,000

TENTATIVE TIME SCHEDULE  
SETTING FORTH THE PERIOD OF TIME DURING WHICH  
THE SUM REQUESTED IS TO BE EXPENDED

PRELIMINARY – SUBJECT TO CHANGE

<u>Period</u>	<u>Expected Expenditures</u>
July 2024--December 2024	\$79,000,000
January 2025--June 2025	25,000,000
July 2025--December 2025	6,000,000



**DEBT SERVICE SCHEDULE FOR THE GENERAL OBLIGATION STATE  
ECONOMIC DEVELOPMENT BONDS CURRENTLY OUTSTANDING**

<u>Fiscal Year Ending</u>	<u>Debt Service*</u>		<u>Total Debt Service</u>
	<u>Principal</u>	<u>Interest</u>	
June 30, 2024	\$ 31,085,000	\$ 1,524,700	\$ 32,609,700
June 30, 2025	22,850,000	1,754,675	24,604,675
June 30, 2026	3,615,000	609,300	4,224,300
June 30, 2027	3,790,000	437,350	4,227,350
June 30, 2028	3,910,000	318,650	4,228,650
June 30, 2029	4,105,000	123,150	4,228,150
<b>Total</b>	<b>\$ 69,355,000</b>	<b>\$ 4,767,825</b>	<b>\$ 74,122,825</b>

\* Subject to adjustment through optional redemption hereafter.

**DEBT SERVICE SCHEDULE FOR ALL GENERAL OBLIGATION STATE  
ECONOMIC DEVELOPMENT BONDS CURRENTLY OUTSTANDING AND  
THE PROPOSED NOT EXCEEDING \$111,000,000 PRINCIPAL AMOUNT  
GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS  
AT PREVAILING AND ANTICIPATED RATES OF INTEREST**

General Obligation Economic Development Bonds - Composite Debt Service*							
Fiscal Year	Existing Debt Service			Proposed Issue		Composite Debt Service	
	11-41-50A	11-41-50B	11-41-50C	Principal	Interest		
June 30, 2024	\$ 1,553,825	\$ 28,837,625	\$ 2,218,250	\$ -	\$ -	\$	32,609,700
June 30, 2025	4,224,175	18,049,500	2,331,000	4,170,000	3,561,276		32,335,951
June 30, 2026	4,224,300	-	-	4,345,000	3,387,392		11,956,692
June 30, 2027	4,227,350	-	-	4,465,000	3,268,339		11,960,689
June 30, 2028	4,228,650	-	-	4,580,000	3,150,909		11,959,559
June 30, 2029	4,228,150	-	-	4,695,000	3,035,493		11,958,643
June 30, 2030	-	-	-	4,815,000	2,918,588		7,733,588
June 30, 2031	-	-	-	4,935,000	2,798,213		7,733,213
June 30, 2032	-	-	-	5,055,000	2,674,344		7,729,344
June 30, 2033	-	-	-	5,185,000	2,546,958		7,731,958
June 30, 2034	-	-	-	5,315,000	2,415,259		7,730,259
June 30, 2035	-	-	-	5,450,000	2,280,258		7,730,258
June 30, 2036	-	-	-	5,605,000	2,127,113		7,732,113
June 30, 2037	-	-	-	5,775,000	1,957,282		7,732,282
June 30, 2038	-	-	-	5,960,000	1,770,749		7,730,749
June 30, 2039	-	-	-	6,170,000	1,563,937		7,733,937
June 30, 2040	-	-	-	6,390,000	1,341,200		7,731,200
June 30, 2041	-	-	-	6,630,000	1,103,492		7,733,492
June 30, 2042	-	-	-	6,880,000	850,889		7,730,889
June 30, 2043	-	-	-	7,150,000	582,569		7,732,569
June 30, 2044	-	-	-	7,430,000	299,429		7,729,429
Totals	\$ 22,686,450	\$ 46,887,125	\$ 4,549,250	\$ 111,000,000	\$ 43,633,687	\$	228,756,512

\* Preliminary, subject to change.



**DEBT SERVICE SCHEDULE FOR ALL GENERAL OBLIGATION STATE  
ECONOMIC DEVELOPMENT BONDS CURRENTLY OUTSTANDING,  
THE PROPOSED NOT EXCEEDING \$111,000,000 PRINCIPAL AMOUNT  
GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS, AND  
\$347,000,000 PRINCIPAL AMOUNT GENERAL OBLIGATION STATE ECONOMIC  
DEVELOPMENT BONDS PREVIOUSLY AUTHORIZED BUT NOT YET ISSUED AT  
PREVAILING AND ANTICIPATED RATES OF INTEREST**

General Obligation Economic Development Bonds - Composite Debt Service*								
Fiscal Year	Existing Debt Service			Authorized but Unissued**	Proposed Issue		Composite Debt Service	
	11-41-50A	11-41-50B	11-41-50C		Principal	Interest		
June 30, 2024	\$ 1,553,825	\$ 28,837,625	\$ 2,218,250	\$ -	\$ -	\$ -	\$ 32,609,700	
June 30, 2025	4,224,175	18,049,500	2,331,000	24,168,023	4,170,000	3,561,276	56,503,974	
June 30, 2026	4,224,300	-	-	24,169,466	4,345,000	3,387,392	36,126,158	
June 30, 2027	4,227,350	-	-	24,172,374	4,465,000	3,268,339	36,133,063	
June 30, 2028	4,228,650	-	-	24,170,358	4,580,000	3,150,909	36,129,917	
June 30, 2029	4,228,150	-	-	24,169,494	4,695,000	3,035,493	36,128,137	
June 30, 2030	-	-	-	24,168,962	4,815,000	2,918,588	31,902,549	
June 30, 2031	-	-	-	24,172,837	4,935,000	2,798,213	31,906,049	
June 30, 2032	-	-	-	24,170,669	5,055,000	2,674,344	31,900,013	
June 30, 2033	-	-	-	24,167,257	5,185,000	2,546,958	31,899,215	
June 30, 2034	-	-	-	24,170,650	5,315,000	2,415,259	31,900,909	
June 30, 2035	-	-	-	24,168,502	5,450,000	2,280,258	31,898,760	
June 30, 2036	-	-	-	24,169,678	5,605,000	2,127,113	31,901,791	
June 30, 2037	-	-	-	24,173,822	5,775,000	1,957,282	31,906,104	
June 30, 2038	-	-	-	24,170,646	5,960,000	1,770,749	31,901,395	
June 30, 2039	-	-	-	24,174,011	6,170,000	1,563,937	31,907,948	
June 30, 2040	-	-	-	24,167,823	6,390,000	1,341,200	31,899,023	
June 30, 2041	-	-	-	24,169,753	6,630,000	1,103,492	31,903,245	
June 30, 2042	-	-	-	24,170,321	6,880,000	850,889	31,901,210	
June 30, 2043	-	-	-	24,171,431	7,150,000	582,569	31,904,000	
June 30, 2044	-	-	-	24,171,371	7,430,000	299,429	31,900,800	
Totals	\$ 22,686,450	\$ 46,887,125	\$ 4,549,250	\$ 483,407,443	\$ 111,000,000	\$ 43,633,687	\$ 712,163,955	

\* Preliminary, subject to change.

\*\* Projected debt service reflects the entire \$347,000,000 par amount of authorized but unissued bonds.

Inasmuch as funds have been made available for a portion of project costs from other sources, only \$201,607,003 par amount of authorized but unissued bonds remain necessary.

March 1, 2024

*Via Email*

Mr. F. Richard Harmon, Jr.  
Joint Bond Review Committee  
111 Gressette Building  
Columbia, South Carolina 29201

Re: Application for Issuance of Not Exceeding \$111,000,000 State General Obligation Economic Development Bonds

Dear Rick:

The Department of Commerce is requesting the issuance of not exceeding \$111,000,000 State General Obligation Economic Development Bonds (the "Bonds"). Proceeds of the Bonds would be applied to (i) grading and site preparation, (ii) waterworks improvements, (iii) internal and external road improvements, (iv) training facilities, and (v) a building on land owned by Florence County, as well as issuance costs, all in connection with a proposed project involving the establishment of an electric vehicle ("EV") battery manufacturing facility known as Project Agave, as well as issuance costs. The Bonds would be issued within the 0.5% debt limit provisions of South Carolina Code Ann. Secs. 11-41-50(A) and 11-41-60.

The SFAA approved by prior resolution the issuance of \$70,300,000 State of South Carolina General Obligation Economic Development Bonds to defray the cost of certain infrastructure and pay issuance costs in connection with a project involving the establishment of an EV battery manufacturing facility in Florence County, as subsequently restated and amended to increase the authorized par amount of bonds to \$121,000,000.

In recent months, the project sponsor, its affiliates, and the Department have negotiated for new commitments by both parties related to an additional production facility. The project sponsor and affiliates have now committed, separate and apart from the previously approved project, to create at least 400 additional new jobs and to invest at least an additional \$400 million, all for a second facility for the production of EV batteries to be located adjacent to the previously approved project.

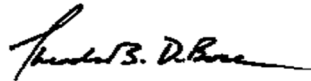
A copy of the proposed resolution of the State Fiscal Accountability Authority by which the issuance of the Bonds would be authorized is enclosed. This resolution has been forwarded to the

Mr. F. Richard Harmon, Jr.  
March 1, 2024  
Page 2

SFAA with a request that it be placed on the agenda for its March 26, 2024, meeting. I respectfully request that this matter be placed before the Joint Bond Review Committee for its consideration at its meeting of March 20, 2024, in order that it may be thereafter taken up by the SFAA in March.

Please let me know if you have any questions regarding the enclosed or require any additional documentation.

Very truly yours,

A handwritten signature in black ink, appearing to read "Theodore B. DuBose", written in a cursive style.

Theodore B. DuBose

Enclosure

cc: Mr. Robert E. MacDonald, Office of the State Treasurer

## **Department of Commerce Bond Information Report**

Prepared in Connection with the Proposed Authorization of

Not Exceeding \$111,000,000 of State of South Carolina General Obligation  
Economic Development Bonds, Series 2024

March 20, 2024 Joint Bond Review Committee Meeting

*Amount and Type of Bonds.* The South Carolina Department of Commerce (the “Department”) has requested the South Carolina State Fiscal Accountability Authority (“SFAA”) to approve the issuance of not exceeding \$111,000,000 of State of South Carolina General Obligation Economic Development Bonds, Series 2024 (the “Series 2024 Bonds”), in order to defray the cost of certain items of infrastructure in Florence County (the “County”) in connection with an economic development project, which consists of an investment in the State of South Carolina (the “State”) by a firm or firms (collectively, the “Sponsor”) engaged in the manufacture of electric batteries for use in the automotive industry (the “Project”). Bond-financed infrastructure includes a warehouse building to be located on land owned by the County, waterworks improvements, internal and external roads, expansion of a training facility, grading, and site preparation. (collectively, the “Infrastructure”). A portion of the proceeds of the Series 2024 Bonds will be applied to issuance costs.

In recent months, the Sponsor and the Department have negotiated for commitments by the Sponsor to create a total of at least 400 new jobs and to invest a total of at least \$400 million at the Project, subject to funding for infrastructure through State of South Carolina General Obligation Economic Development Bonds for the Project, which is adjacent to, but a separate undertaking from, the facility for which financing was previously approved by a SFAA resolution providing for the issuance of not exceeding \$70,300,000 State of South Carolina General Obligation Economic Development Bonds and subsequently amended and restated to increase the authorized par amount of bonds to \$121,000,000. The job and investment commitments are separate from those previously committed to by the Sponsor and its affiliates.

The Department has submitted a request for the issuance of the Series 2024 Bonds, including a resolution whereby the SFAA may approve the issuance of State General Obligation Economic Development Bonds to defray the cost of all items defined as Infrastructure above.

*Revenues Pledged to Pay the Series 2024 Bonds.* The Series 2024 Bonds will be general obligations of the State, secured by its full faith, credit and taxing power. No revenues derived from the Project are pledged to secure the Series 2024 Bonds.

*Debt Limit.* The Series 2024 Bonds will be issued pursuant to Article X, Section 13(6)(c) of the South Carolina Constitution and Chapter 41, Title 11 of the Code of Laws of South Carolina, 1976, as amended (the “Enabling Act”). The General Assembly in 2002 and pursuant to Section 11-41-20(3) of the Enabling Act increased the debt limitation imposed by Article X, Section 13(6)(c) on general obligation debt from five percent (5.0%) of the general revenues of the State (excluding revenues which are authorized to be pledged for state highway bonds and state

institution bonds) to five and one-half percent (5.5%) of such revenues, with the additional 0.5% debt service capacity available at any time as a consequence of such increase available only for the repayment of Economic Development Bonds. The Series 2024 Bonds will be issued pursuant to Section 11-41-50(A) of the Enabling Act and thus subject both to the additional 0.5% limitation enacted in 2002 and the aggregate 5.5% limitation. The attached Exhibits have been provided by the Office of the State Treasurer.

**Exhibit A** hereto shows debt service on all Economic Development Bonds issued pursuant to the Enabling Act presently outstanding.

**Exhibit B** hereto shows debt service on all outstanding Economic Development Bonds issued pursuant to the Enabling Act and projected debt service on the Series 2024 Bonds. As shown in **Exhibit B**, in addition to Economic Development Bonds issued pursuant to Section 11-41-50(A) of the Enabling Act, which are subject to the 5.5% and 0.5% limitations, there are also outstanding (i) Economic Development Bonds issued pursuant to Section 11-41-50(B) of the Enabling Act, and (ii) Economic Development Bonds issued pursuant to Section 11-41-50(C) of the Enabling Act. Economic Development Bonds issued pursuant to Section 11-41-50(B) of the Enabling Act are not subject to any percentage debt limitation. Economic Development Bonds issued pursuant to Section 11-41-50(C) of the Enabling Act are subject to the original 5.0% debt limitation, but not to the 0.5% limitation.

**Exhibit C** hereto shows debt service on all outstanding Economic Development Bonds subject to the constitutional and statutory one-half percent (0.5%) debt limitation and projected debt service on the Series 2024 Bonds. The maximum annual debt service as projected on **Exhibit C** is \$11,960,689. The general revenues of the State for fiscal year ended June 30, 2023 (excluding revenues authorized to be pledged for state highway bonds and state institution bonds and subject to audit) amounted to not less than \$12,993,213,484. 0.5% of such amount is \$64,966,067. Assuming that the Series 2024 Bonds bear interest at average rates not significantly in excess of prevailing and anticipated rates as reflected in **Exhibit C**, the Series 2024 Bonds may be issued within the constitutional and statutory 0.5% limitations.

**Exhibit D** hereto shows debt service on all outstanding Economic Development Bonds subject to the constitutional and statutory Five and one-half percent (5.5%) debt limitation and projected debt service on the Series 2024 Bonds. The maximum annual debt service as projected on **Exhibit D** is \$22,107,176. The general revenues of the State for fiscal year ended June 30, 2023 (excluding revenues authorized to be pledged for state highway bonds and state institution bonds and subject to audit) amounted to not less than \$12,993,213,484. 5.5% of such amount is \$714,626,741. Assuming that the Series 2024 Bonds bear interest at average rates not significantly in excess of prevailing and anticipated rates as reflected in **Exhibit D**, the Series 2024 Bonds may be issued within the constitutional and statutory 5.5% limitations.

**Exhibit E**, supplied for informational purposes, shows debt service on outstanding Economic Development Bonds issued pursuant to the Enabling Act, projected debt service on the Series 2024 Bonds, and, in addition, projected debt service on additional Economic Development Bonds authorized by SFAA for Projects “Samurai” and “Drift”, but not yet issued (the “Approved

Bonds”). It is anticipated the Approved Bonds, as well as the Series 2024 Bonds, will be issued in the third quarter of 2024.

Assuming that the Series 2024 Bonds and Approved Bonds are issued as expected, bear interest at average rates not significantly in excess of prevailing and anticipated rates as reflected in ***Exhibit E***, the maximum annual debt service on all Economic Development Bonds subject to the 0.5% limitation will be \$39,876,493, as against maximum permitted annual debt service under the 0.5% limit of \$64,966,067, providing a margin of not less than \$25,089,574.

March 1, 2024



## EXHIBIT A

### DEBT SERVICE SCHEDULE FOR THE GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS CURRENTLY OUTSTANDING

Fiscal Year Ending	Debt Service*		Total Debt Service
	Principal	Interest	
June 30, 2024	\$ 31,085,000	\$ 1,524,700	\$ 32,609,700
June 30, 2025	22,850,000	1,754,675	24,604,675
June 30, 2026	3,615,000	609,300	4,224,300
June 30, 2027	3,790,000	437,350	4,227,350
June 30, 2028	3,910,000	318,650	4,228,650
June 30, 2029	4,105,000	123,150	4,228,150
Total	<u>\$ 69,355,000</u>	<u>\$ 4,767,825</u>	<u>\$ 74,122,825</u>

\* Subject to adjustment through optional redemption hereafter.

## EXHIBIT B

### DEBT SERVICE SCHEDULE FOR ALL GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS CURRENTLY OUTSTANDING AND THE PROPOSED NOT EXCEEDING \$111,000,000 PRINCIPAL AMOUNT GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS AT PREVAILING AND ANTICIPATED RATES OF INTEREST

General Obligation Economic Development Bonds - Composite Debt Service*							
Fiscal Year	Existing Debt Service			Proposed Issue		Composite Debt Service	
	11-41-50A	11-41-50B	11-41-50C	Principal	Interest		
June 30, 2024	\$ 1,553,825	\$ 28,837,625	\$ 2,218,250	\$ -	\$ -	\$	32,609,700
June 30, 2025	4,224,175	18,049,500	2,331,000	4,170,000	3,561,276		32,335,951
June 30, 2026	4,224,300	-	-	4,345,000	3,387,392		11,956,692
June 30, 2027	4,227,350	-	-	4,465,000	3,268,339		11,960,689
June 30, 2028	4,228,650	-	-	4,580,000	3,150,909		11,959,559
June 30, 2029	4,228,150	-	-	4,695,000	3,035,493		11,958,643
June 30, 2030	-	-	-	4,815,000	2,918,588		7,733,588
June 30, 2031	-	-	-	4,935,000	2,798,213		7,733,213
June 30, 2032	-	-	-	5,055,000	2,674,344		7,729,344
June 30, 2033	-	-	-	5,185,000	2,546,958		7,731,958
June 30, 2034	-	-	-	5,315,000	2,415,259		7,730,259
June 30, 2035	-	-	-	5,450,000	2,280,258		7,730,258
June 30, 2036	-	-	-	5,605,000	2,127,113		7,732,113
June 30, 2037	-	-	-	5,775,000	1,957,282		7,732,282
June 30, 2038	-	-	-	5,960,000	1,770,749		7,730,749
June 30, 2039	-	-	-	6,170,000	1,563,937		7,733,937
June 30, 2040	-	-	-	6,390,000	1,341,200		7,731,200
June 30, 2041	-	-	-	6,630,000	1,103,492		7,733,492
June 30, 2042	-	-	-	6,880,000	850,889		7,730,889
June 30, 2043	-	-	-	7,150,000	582,569		7,732,569
June 30, 2044	-	-	-	7,430,000	299,429		7,729,429
Totals	<u>\$ 22,686,450</u>	<u>\$ 46,887,125</u>	<u>\$ 4,549,250</u>	<u>\$ 111,000,000</u>	<u>\$ 43,633,687</u>	<u>\$</u>	<u>228,756,512</u>

\* Preliminary, subject to change.

## EXHIBIT C

PRO FORMA PRINCIPAL AND INTEREST REQUIREMENTS FOR ALL  
CURRENTLY OUTSTANDING GENERAL OBLIGATION STATE ECONOMIC  
DEVELOPMENT BONDS ISSUED PURSUANT TO SECTION 11-41-50(A) OF THE  
ENABLING ACT AND THE NOT EXCEEDING \$111,000,000 PRINCIPAL AMOUNT  
GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS TO BE  
ISSUED PURSUANT TO SECTION 11-41-50(A) OF THE ENABLING ACT  
AT PREVAILING AND ANTICIPATED RATES OF INTEREST, ALL SUCH DEBT  
SUBJECT TO THE ONE-HALF PERCENT (0.5%) LIMITATION

Fiscal Year Ending	Debt Service*		Total Debt Service
	Principal	Interest	
June 30, 2024	\$ 1,260,000	\$ 293,825	\$ 1,553,825
June 30, 2025	7,610,000	4,345,451	11,955,451
June 30, 2026	7,960,000	3,996,692	11,956,692
June 30, 2027	8,255,000	3,705,689	11,960,689
June 30, 2028	8,490,000	3,469,559	11,959,559
June 30, 2029	8,800,000	3,158,643	11,958,643
June 30, 2030	4,815,000	2,918,588	7,733,588
June 30, 2031	4,935,000	2,798,213	7,733,213
June 30, 2032	5,055,000	2,674,344	7,729,344
June 30, 2033	5,185,000	2,546,958	7,731,958
June 30, 2034	5,315,000	2,415,259	7,730,259
June 30, 2035	5,450,000	2,280,258	7,730,258
June 30, 2036	5,605,000	2,127,113	7,732,113
June 30, 2037	5,775,000	1,957,282	7,732,282
June 30, 2038	5,960,000	1,770,749	7,730,749
June 30, 2039	6,170,000	1,563,937	7,733,937
June 30, 2040	6,390,000	1,341,200	7,731,200
June 30, 2041	6,630,000	1,103,492	7,733,492
June 30, 2042	6,880,000	850,889	7,730,889
June 30, 2043	7,150,000	582,569	7,732,569
June 30, 2044	7,430,000	299,429	7,729,429
Total	<u>\$ 131,120,000</u>	<u>\$ 46,200,137</u>	<u>\$ 177,320,137</u>

\* Preliminary, subject to change.

## EXHIBIT D

PRO FORMA PRINCIPAL AND INTEREST REQUIREMENTS  
FOR ALL CURRENTLY OUTSTANDING STATE GENERAL OBLIGATION DEBT  
SUBJECT TO THE CONSTITUTIONAL AND STATUTORY FIVE AND ONE-HALF PERCENT  
(5.5%) LIMITATION, INCLUDING ALL GENERAL OBLIGATION STATE ECONOMIC  
DEVELOPMENT BONDS ISSUED PURSUANT TO SECTIONS 11-41-50(A) AND 11-41-50(C) OF  
THE ENABLING ACT AND THE NOT EXCEEDING \$111,000,000 PRINCIPAL AMOUNT  
GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS TO BE  
ISSUED PURSUANT TO SECTION 11-41-50(A) OF THE ENABLING ACT  
AT PREVAILING AND ANTICIPATED RATES OF INTEREST,  
ALL SUCH DEBT SUBJECT TO THE FIVE AND ONE-HALF PERCENT (5.5%) LIMITATION

Fiscal Year Ending	Debt Service*		Total Debt Service
	Principal	Interest	
June 30, 2024	\$ 10,490,000	\$ 693,738	\$ 11,183,738
June 30, 2025	17,260,000	4,847,176	22,107,176
June 30, 2026	11,145,000	4,265,792	15,410,792
June 30, 2027	11,580,000	3,879,239	15,459,239
June 30, 2028	10,950,000	3,543,359	14,493,359
June 30, 2029	8,800,000	3,158,643	11,958,643
June 30, 2030	4,815,000	2,918,588	7,733,588
June 30, 2031	4,935,000	2,798,213	7,733,213
June 30, 2032	5,055,000	2,674,344	7,729,344
June 30, 2033	5,185,000	2,546,958	7,731,958
June 30, 2034	5,315,000	2,415,259	7,730,259
June 30, 2035	5,450,000	2,280,258	7,730,258
June 30, 2036	5,605,000	2,127,113	7,732,113
June 30, 2037	5,775,000	1,957,282	7,732,282
June 30, 2038	5,960,000	1,770,749	7,730,749
June 30, 2039	6,170,000	1,563,937	7,733,937
June 30, 2040	6,390,000	1,341,200	7,731,200
June 30, 2041	6,630,000	1,103,492	7,733,492
June 30, 2042	6,880,000	850,889	7,730,889
June 30, 2043	7,150,000	582,569	7,732,569
June 30, 2044	7,430,000	299,429	7,729,429
Total	<u>\$ 158,970,000</u>	<u>\$ 47,618,224</u>	<u>\$ 206,588,224</u>

\* Preliminary, subject to change.

# EXHIBIT E

## DEBT SERVICE SCHEDULE FOR ALL GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS CURRENTLY OUTSTANDING, THE PROPOSED NOT EXCEEDING \$111,000,000 PRINCIPAL AMOUNT GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS, AND \$347,000,000 PRINCIPAL AMOUNT GENERAL OBLIGATION STATE ECONOMIC DEVELOPMENT BONDS PREVIOUSLY AUTHORIZED BUT NOT YET ISSUED AT PREVAILING AND ANTICIPATED RATES OF INTEREST

State of South Carolina - 11-41-50A Economic Development Bonds - Composite Debt Service

Fiscal Year	Existing Debt Service	Debt Service on Authorized but Unissued				Proposed Issue				0.5% of 2021- 2022 net Budgetary Composite Debt Service revenues	Utilization of 0.05% GF Revenues	Debt Service Margin
		Project Samurai - \$121MM		Project Drift - \$226MM		Project AGAVE - \$111MM		Interest	Principal			
		Principal	Interest	Principal	Interest	Principal	Interest					
6/30/2024	\$ 1,260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,260,000	\$ 64,966,067	N/A	N/A
6/30/2025	3,440,000	2,820,000	6,957,500	5,270,000	12,995,000	4,170,000	3,561,276	3,561,276	39,213,776	64,966,067	60%	\$25,752,291
6/30/2026	3,615,000	3,870,000	5,909,000	7,230,000	11,036,500	4,345,000	3,387,392	3,387,392	39,392,892	64,966,067	61%	25,573,176
6/30/2027	3,790,000	4,065,000	5,715,500	7,590,000	10,675,000	4,465,000	3,268,339	3,268,339	39,568,839	64,966,067	61%	25,397,229
6/30/2028	3,910,000	4,265,000	5,512,250	7,970,000	10,295,500	4,580,000	3,150,909	3,150,909	39,683,659	64,966,067	61%	25,282,408
6/30/2029	4,105,000	4,480,000	5,299,000	8,365,000	9,897,000	4,695,000	3,035,493	3,035,493	39,876,493	64,966,067	61%	25,089,574
6/30/2030	-	4,705,000	5,075,000	8,785,000	9,478,750	4,815,000	2,918,588	2,918,588	35,777,338	64,966,067	55%	29,188,730
6/30/2031	-	4,940,000	4,839,750	9,225,000	9,039,500	4,935,000	2,798,213	2,798,213	35,777,463	64,966,067	55%	29,188,605
6/30/2032	-	5,185,000	4,592,750	9,685,000	8,578,250	5,055,000	2,674,344	2,674,344	35,770,344	64,966,067	55%	29,195,723
6/30/2033	-	5,445,000	4,333,500	10,170,000	8,094,000	5,185,000	2,546,958	2,546,958	35,774,458	64,966,067	55%	29,191,609
6/30/2034	-	5,715,000	4,061,250	10,680,000	7,585,500	5,315,000	2,415,259	2,415,259	35,772,009	64,966,067	55%	29,194,058
6/30/2035	-	6,005,000	3,775,500	11,215,000	7,051,500	5,450,000	2,280,258	2,280,258	35,777,258	64,966,067	55%	29,188,809
6/30/2036	-	6,305,000	3,475,250	11,775,000	6,490,750	5,605,000	2,127,113	2,127,113	35,778,113	64,966,067	55%	29,187,954
6/30/2037	-	6,620,000	3,160,000	12,360,000	5,902,000	5,775,000	1,957,282	1,957,282	35,774,282	64,966,067	55%	29,191,786
6/30/2038	-	6,950,000	2,829,000	12,980,000	5,284,000	5,960,000	1,770,749	1,770,749	35,773,749	64,966,067	55%	29,192,318
6/30/2039	-	7,295,000	2,481,500	13,630,000	4,635,000	6,170,000	1,563,937	1,563,937	35,775,437	64,966,067	55%	29,190,630
6/30/2040	-	7,660,000	2,116,750	14,310,000	3,953,500	6,390,000	1,341,200	1,341,200	35,771,450	64,966,067	55%	29,194,617
6/30/2041	-	8,045,000	1,733,750	15,025,000	3,238,000	6,630,000	1,103,492	1,103,492	35,775,242	64,966,067	55%	29,190,825
6/30/2042	-	8,445,000	1,331,500	15,775,000	2,486,750	6,880,000	850,889	850,889	35,769,139	64,966,067	55%	29,196,928
6/30/2043	-	8,870,000	909,250	16,565,000	1,698,000	7,150,000	582,569	582,569	35,774,819	64,966,067	55%	29,191,248
6/30/2044	-	9,315,000	465,750	17,395,000	869,750	7,430,000	299,429	299,429	35,774,929	64,966,067	55%	29,191,138
Totals	\$20,120,000	\$121,000,000	\$74,573,750	\$226,000,000	\$139,284,250	\$111,000,000	\$43,633,687	\$43,633,687	\$735,611,687			

### Note:

Principal amounts reflect full bond authorization. Some projects have been partially funded from other sources.

---

AGENCY: South Carolina Public Service Authority

SUBJECT: Proposed Disposition of Real Property  
Camp Hall Commerce Park, Berkeley County

The South Carolina Public Service Authority requests approval to sell approximately 64.5 acres identified as Campus 6 in Camp Hall Commerce Park to DCB Camp Hall, LLC,<sup>1</sup> at a price of \$275,000 per acre and a total purchase price of \$17.732 million. The purchaser previously acquired 27.5 acres in Campus 9 in 2023 at a price of \$4.842 million, and intends to convey the Campus 9 property back to the Authority in exchange for a credit of its original purchase price, to be applied toward the Campus 6 purchase.

The purchaser intends to use the property for construction of a data center and related facilities. The project is expected to generate more than \$1 billion in capital investment.

Infrastructure construction is already underway and no additional road, utility, and stormwater infrastructure will be required to serve the property.

The Authority's Board has declared the property to be surplus real property and has authorized its sale, lease, option, or transfer otherwise, in whole or in part, for development purposes.

Proceeds of the sale will be used to defray Camp Hall development costs, and to reduce Authority debt.

COMMITTEE ACTION:

In accordance with Section 58-31-240(B)(2) of the South Carolina Code,<sup>2</sup> review and approve, reject, or modify the Authority's request to sell approximately 64.5 acres identified as Campus 6 in Camp Hall Commerce Park to DCB Camp Hall, LLC at a total purchase price of \$17.732 million, as adjusted by a credit for the conveyance of Campus 9 back to the Authority.

ATTACHMENTS:

1. Letter dated March 20, 2024, of Mr. J. Martine Watson, Chief Commercial Officer, Santee Cooper.
2. Map of the property and substantive terms of sale.

---

<sup>1</sup> A Delaware corporation in good standing registered with the SC Secretary of State effective August 15, 2023. CT Corporation System, Columbia, SC, is registered agent. Private Participant Disclosures were included with the submission.

<sup>2</sup> Section 58-31-240(B)(2) of the South Carolina Code provides that a transfer of any interest in real property by the South Carolina Public Service Authority, regardless of the value of the transaction, requires approval, rejection, or modification by the Joint Bond Review Committee.



March 20, 2024

The Honorable Harvey S. Peeler, Jr.  
Joint Bond Review Committee  
South Carolina Senate  
111 Gressette Building  
Columbia, South Carolina 29201

Re: Property Sale of ~ 64.5 acres in Campus 6 of the Camp Hall Commerce Park  
located in Berkeley County (the "Property")

Dear Chairman Peeler:

The South Carolina Public Service Authority ("Santee Cooper") requests that the Joint Bond Review Committee ("JBRC") approve the sale of approximately 64.5 acres of surplus property within the Camp Hall Commerce Park to DCB Camp Hall, LLC ("Purchaser") as described on Attachment A. The Purchaser intends to use the Property to construct data center facilities and other ancillary or related facilities.

The Property is known as Campus 6 and contains approximately 64.5 acres located in Camp Hall Commerce Park. Santee Cooper's Board of Directors declared Camp Hall property to be surplus real property and authorized that it or portions of it may be sold, leased, optioned, or otherwise transferred for development purposes. The purchase price of \$275,000/acre for the Property was determined by broker price recommendation based on comparable sales, and results in expected proceeds of ~\$17.732 million, and the sale is projected to generate in excess of \$1 billion in capital investment. Sales proceeds will be used to fund Camp Hall development costs.

The Purchaser previously acquired 27.5 acres located in Campus 9 of Camp Hall ("Campus 9") in 2023 at a total price of ~\$4.842 million. The Purchaser intends to convey Campus 9 back to Santee Cooper in exchange for, and simultaneously with, the purchase of the Property. This exchange will include a credit towards the purchase price of the Property equal to the Purchaser's original purchase price for Campus 9.

Attachment A describes the substantive terms of the proposed sale and the location of the parcel for which approval is requested.

Sincerely,



J. Martine Watson

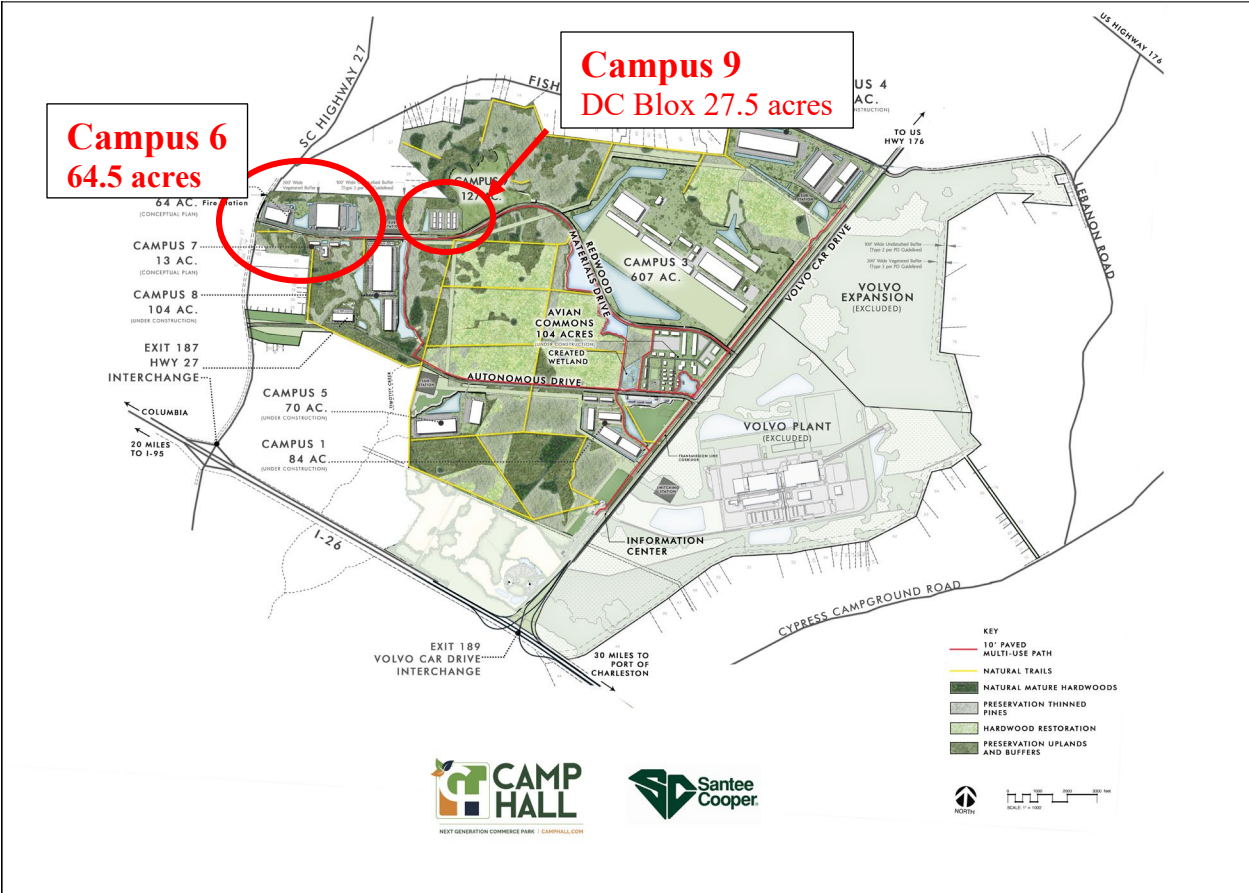
Enclosure: As stated  
JMW:cmb

## Attachment A

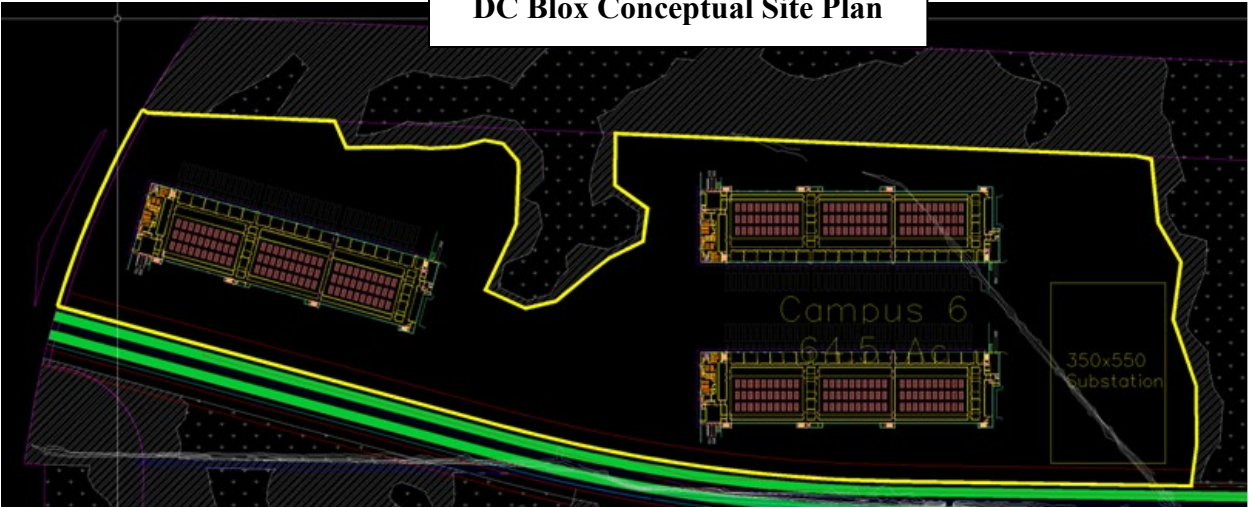
The substantive terms of the proposed Purchase and Sale agreement (“PSA”) are as follows:

<b>Purchaser</b>	<b>DCB Camp Hall, LLC a Delaware limited liability company</b>
<b>Acreage</b>	<b>Approximately 64.5 acres located in western portion of Campus 6 of Camp Hall Commerce Park</b>
<b>Purchase Price</b>	<b>\$275,000 per acre for an estimated total price of +/- \$17,732,000 with the final purchase price and acreage determined by a boundary survey.</b>
<b>Earnest Money Deposit</b>	<b>\$200,000 upon PSA execution</b>
<b>Inspection Period</b>	<b>90 days from Effective Date of PSA with option to extend for an additional 30 days with payment of an Additional Deposit of \$50,000.00.</b>
<b>Approximate Closing Date</b>	<b>30 days following the expiration of Inspection Period.</b>
<b>Permitted Use</b>	<b>The Permitted Use shall mean the development and operation of data center facilities and other ancillary or related facilities similar to the Purchaser’s other facilities in Myrtle Beach and Greenville, SC, Chattanooga, TN and Birmingham, AL. Any other uses of the Property must be approved in writing by the Seller.</b>
<b>Special Provisions</b>	<b>a. Purchaser shall start building construction within 3 years of Closing. If the construction has not commenced within 3 years, Seller shall have the option to repurchase the Property at 90% of the lesser of the sales price or appraised value.</b>
	<b>b. Seller is already underway constructing the road, sewer, water, and stormwater infrastructure to serve the Property. No additional infrastructure is required. The estimated cost for the infrastructure (which will also serve other parcels) is approximately \$6 million. Sales proceeds will be used to fund infrastructure costs.</b>
	<b>c. Purchaser will transfer back to Santee Cooper as credit toward the Purchase Price the ~ 27.5 acres of Campus 9 purchased by DC Blox in 2023 at a price of \$175,000 per acre for a total credit of \$4,842,250.</b>
<b>Pricing Methodology</b>	<b>The methodology utilized for pricing was determined by broker price recommendation based on comparable sales.</b>

Camp Hall Commerce Park Master Plan



Campus 6  
DC Blox Conceptual Site Plan



---

AGENCY: South Carolina Public Service Authority

SUBJECT: Proposed Disposition of Real Property  
Acreage at Highway 501, Horry County

The South Carolina Public Service Authority requests approval to donate approximately 808 acres located along Highway 501 and the Waccamaw River to the City of Conway. The property is the site of the decommissioned Grainger Generating Station and associated facilities, and includes former coal ash disposal ponds and a cooling pond commonly known as Lake Busbee. The ponds were closed in compliance with federal and state regulations, and as part of the closure, Santee Cooper removed coal ash, restored certain areas to natural wetlands, and imposed deed restrictions limiting permissible uses of certain areas of the property.

The City has requested that Santee Cooper dedicate the property for redevelopment consistent with permissible uses, and plans to create a major recreational attraction consisting of walking trails, public beach, and a marina, thereby supporting wildlife, community amenities, and other public benefits.

The City accepts the property as is, where is, and further accepts the responsibility for compliance with obligations of the existing restrictive covenants, and coordination with Santee Cooper in monitoring wetlands and groundwater. The City will be responsible for all planned improvements, funding, construction, and operations; and must maintain Lake Busbee as a natural area providing public access.

Santee Cooper will retain easements necessary to access and maintain transmission and distribution lines crossing the site, and will retain an existing crew quarters facility located on the property. Santee Cooper will be granted a zero-cost lease for these uses of the property until its operational needs drive their relocation.

The value of the property at sale is presumed to be minimal due to its limited use, flooding potential, unknown risks and costs of future remediation, and ongoing maintenance expenses. Accordingly, the Authority believes that the proposal constitutes highest and best use of the property.

The Authority's Board has declared the property to be surplus real property and has authorized its transfer to the City at no cost.

**COMMITTEE ACTION:**

In accordance with Section 58-31-240(B)(2) of the South Carolina Code,<sup>1</sup> review and approve, reject, or modify the Authority's request to donate approximately 808 acres located along Highway 501 and the Waccamaw River to the City of Conway.

---

<sup>1</sup> Section 58-31-240(B)(2) of the South Carolina Code provides that a transfer of any interest in real property by the South Carolina Public Service Authority, regardless of the value of the transaction, requires approval, rejection, or modification by the Joint Bond Review Committee.

ATTACHMENTS:

1. Letter dated March 20, 2024, of Mr. J. Martine Watson, Chief Commercial Officer, Santee Cooper.
2. Map of the property and substantive terms of the donation.

March 20, 2024

The Honorable Harvey S. Peeler, Jr.  
Joint Bond Review Committee  
South Carolina Senate  
111 Gressette Building  
Columbia, South Carolina 29201

RE: Property Donation of +/- 808 acres on Highway 501 near Conway

Dear Chairman Peeler:

The South Carolina Public Service Authority ("Santee Cooper") requests that the Joint Bond Review Committee ("JBRC") approve the donation of approximately 808 acres of surplus property to the City of Conway.

## **Background**

Santee Cooper owns approximately 808 acres along Highway 501 and the Waccamaw River near the City of Conway (the "Property") that was the site of the decommissioned Grainger Generating Station and associated facilities. The Property includes former coal ash disposal ponds and a cooling pond (commonly referred to as Lake Busbee), which were closed in compliance with federal and state regulations. As part of the closure, Santee Cooper removed coal ash from the Property, restored many areas to natural wetlands, and imposed deed restrictions limiting permissible uses of some areas.

The City of Conway ("Conway") requested that Santee Cooper dedicate the Property for redevelopment consistent with permissible uses and has plans to create a major recreational attraction consisting of walking trails, public beach, and marina. Santee Cooper is proud of its transition of the Property from an important source of electric generation at the end of its useful life to an area that supports wildlife and has the potential to provide community amenities and benefits.

Attachment A shows the location of the Property and includes photographs showing its current status.

## **Ongoing Responsibilities and Considerations**

Conway accepts the Property as is, where is and with all its faults. Compliance with all laws and regulations, including obligations of the existing Restrictive Covenants, will be the responsibility of Conway. Coordination with Santee Cooper is required for assuring compliance with the Restrictive Covenants as well as ongoing monitoring for wetlands and ground water. All planned improvements at the site, including design, funding, construction, and operations, will be the responsibility of Conway. In addition, Conway will be responsible for maintaining Lake Busbee as a natural area and providing public access. Conway will recognize the contributions of Santee Cooper by installing permanent signage at the site.



Following site transfer, the operational needs of Santee Cooper will be protected by retaining the easements necessary to access and maintain all transmission and distribution lines crossing the site. The site also houses an existing crew quarters facility. Santee Cooper has been analyzing the relocation of this facility to improve operations and response time on the electric transmission and distribution system. However, a zero-cost lease in the existing location will be granted to Santee Cooper until such time as the operational needs of Santee Cooper drive the relocation.

### **Valuation Assessment**

An appraisal for the 672-acre Lake Busbee portion of the Property was obtained in May 2021 valuing the Lake Busbee portion of the Property at \$1,680,000. Since then, after consulting with reviewing agencies, there was no longer the potential for wetland mitigation credits to use elsewhere or the ability to derive conservation easement value thereby significantly reducing the property's value to limited recreational use. The remaining +/- 136 acres contains the former generation plant site and ash ponds. Private developers previously expressed interest in the former generation plant site and ash ponds; however, after further due diligence they concluded that the site conditions (including prior history of flooding) made the risk and cost of mitigation too unpredictable to move forward at the site. Therefore, the value of the overall +/- 808 acre Property is presumed minimal due to its limited use, flooding potential, unknown costs and risks for remediation as well as ongoing maintenance expenses. Therefore, the highest and best use as well as valuation for the overall site is as proposed.

### **Request**

Santee Cooper's Board declared the Property to be surplus real property and authorized that it be transferred to the City of Conway at no cost.

Santee Cooper respectfully requests that the JBRC approve the requested dedication of the Property to Conway as well as a leaseback of the crew quarters site to Santee Cooper. Should you have any questions or need any further documentation, please do not hesitate to contact me.

Sincerely,



J. Martine Watson

Enclosure: As stated

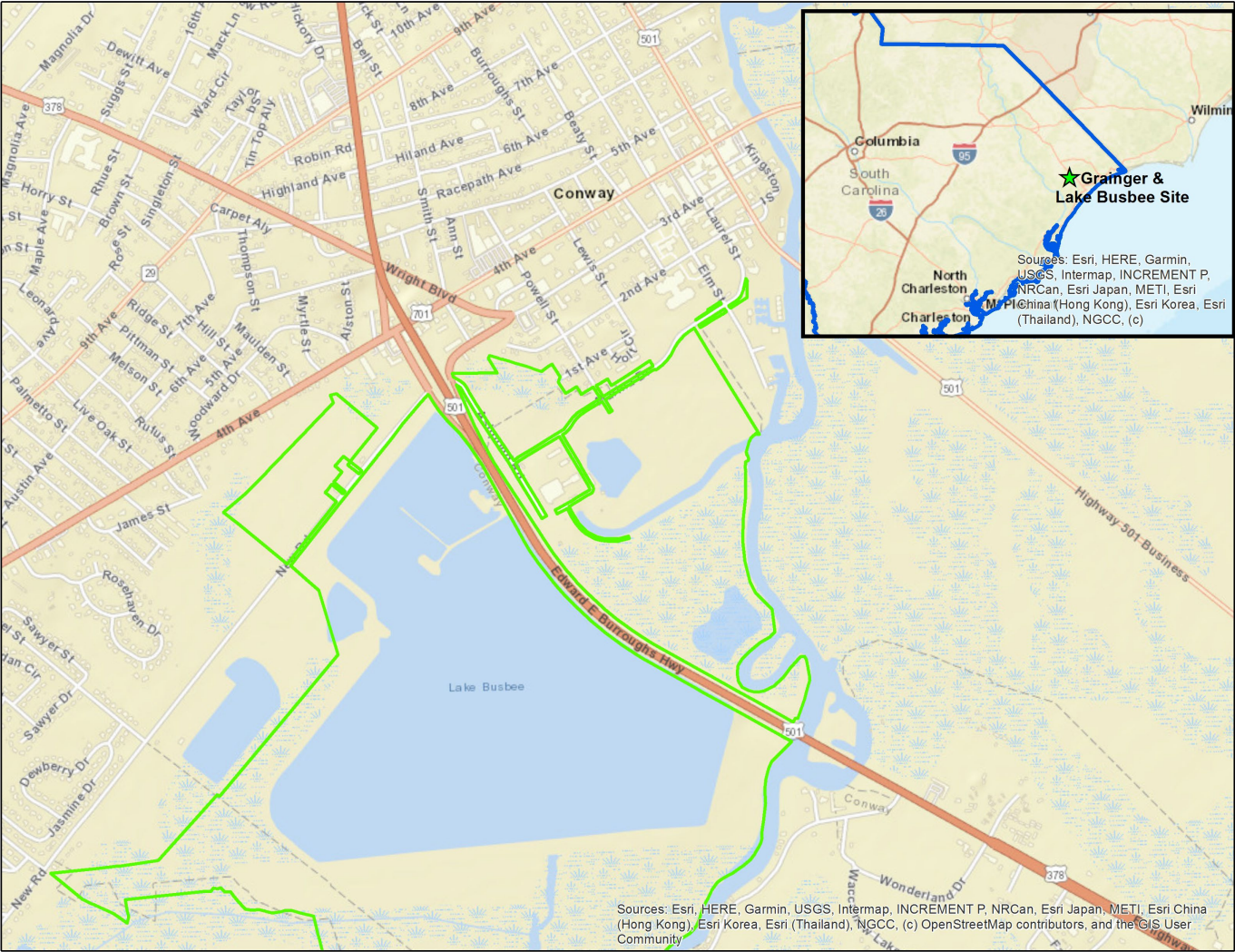
JMW:cmb

## Attachment A

+/- 808 acres on Highway 501 in the City of Conway. The Property consists of the decommissioned Grainger plant site with subsurface fill, operational crew quarters, Ash Pond 1, Ash Pond 2, Legacy Pond, and cooling pond Lake Busbee. The Substantive terms of proposed Purchase and Sale Agreement are as follows:

<b>Purchaser</b>	<b>The City of Conway</b>
<b>Acreage</b>	<b>Approximately 808 acres</b>
<b>Purchase Price</b>	<b>Donation</b>
<b>Earnest Money Deposit</b>	<b>\$0 at Purchase and Sale Agreement execution</b>
<b>Inspection Period</b>	<b>210 days from Effective Date of LOI</b>
<b>Approximate Closing Date</b>	<b>No later than thirty (30) days after the expiration of the Inspection Period.</b>
<b>Intended Use</b>	<b>To develop recreational facilities for use by the general public and potentially for economic development.</b>
<b>Special Provisions</b>	<b>Recognition - permanent signs by Conway on Santee Cooper's contribution</b>  <b>Lease - Santee Cooper at no cost for existing Crew Quarters until relocated</b>  <b>Lake Busbee – Continued current use to attract and sustain wildlife</b>  <b>Easements – Santee Cooper retains for all transmission and distribution lines</b>  <b>Monitoring – Santee Cooper continues wetland and ground water monitoring</b>  <b>Compliance – Conway with all laws and regulations including obligations of Restrictive Covenants and coordination with Santee Cooper</b>

Grainger Site and Lake Busbee  
+/- 808 acres



Grainger Site





Lake Busbee



Conceptual Plans



---

AGENCY: South Carolina Public Service Authority

SUBJECT: Proposed Disposition of Real Property  
Acreage at Highway 701 South, Horry County

The South Carolina Public Service Authority requests approval to sell approximately 11.19 acres located on Highway 701 South in Conway to the South Carolina Department of Transportation at the property's appraised value of \$195,000.

The Department of Transportation has made a request to purchase the property for use as part of the Conway Bypass, and more specifically, the Conway Perimeter Road Phase II. This new road will be constructed from U.S. Highway 378 at El Bethel Road to U.S. Highway 701 at Creel Street just outside of the City of Conway. The new road will have 4 lanes to improve the regional network connectivity between Highways 378 and 701, and increase the perimeter routes in Conway to enhance local mobility.

The proposed plan for constructing the Bypass will not negatively impact the viability of the property for its planned use by the Authority as a potential site for future generation.

The Authority's Board has declared the property to be surplus real property and has authorized its sale to the Department of Transportation subject to approval by the Committee.

COMMITTEE ACTION:

In accordance with Section 58-31-240(B)(2) of the South Carolina Code,<sup>1</sup> review and approve, reject, or modify the Authority's request to sell approximately 11.19 acres located on Highway 701 South in Conway to the South Carolina Department of Transportation.

ATTACHMENTS:

1. Letter dated March 20, 2024, of Mr. J. Martine Watson, Chief Commercial Officer, Santee Cooper.
2. Map of the property and substantive terms of the sale.

---

<sup>1</sup> Section 58-31-240(B)(2) of the South Carolina Code provides that a transfer of any interest in real property by the South Carolina Public Service Authority, regardless of the value of the transaction, requires approval, rejection, or modification by the Joint Bond Review Committee.

March 20, 2024

The Honorable Harvey S. Peeler, Jr.  
Joint Bond Review Committee  
South Carolina Senate  
111 Gressette Building  
Columbia, SC 29201

Re: Property Sale to South Carolina Department of Transportation for use as part of  
the new Conway Bypass

Dear Chairman Peeler:

The South Carolina Public Service Authority ("Santee Cooper") requests that the Joint Bond Review Committee ("JBRC") approve the sale of 11.19 acres of surplus property located in Horry County (the "Property") to the South Carolina Department of Transportation ("SCDOT"). The Property is a portion of a 60-acre potential future generation site.

SCDOT is requesting to purchase the Property for use as part of the new Conway Bypass to be constructed to alleviate traffic congestion in the vicinity. The appraised value of the Property is \$195,000.00.

The proposed plans for the new Conway Bypass will not negatively impact the viability of the remainder of the Property as a potential future generation site.

Santee Cooper's Board declared the Property to be surplus real property and authorized that it may be sold to SCDOT subject to JBRC approval. Attachment A describes the substantive terms of sale for which approval is requested and contains maps showing the location of the Property.

Sincerely,



J. Martine Watson

Enclosure: As stated

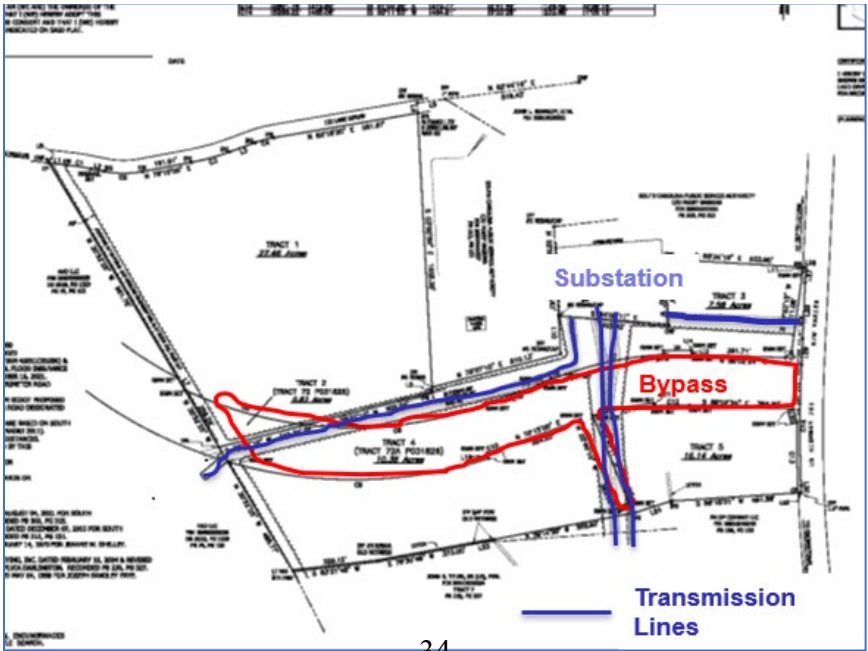
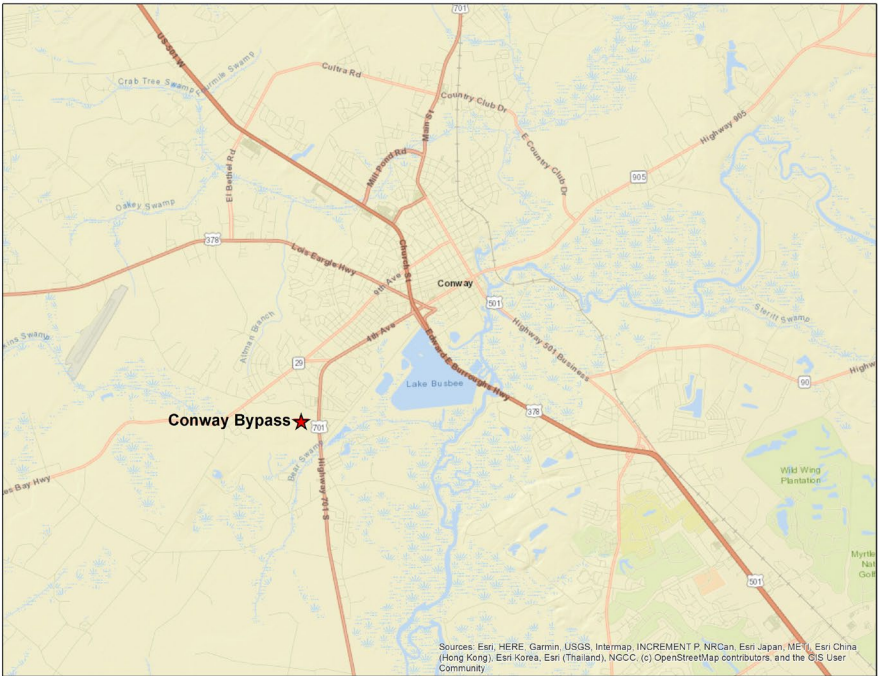
JMW:cmb



Attachment A

The substantive terms of the proposed Purchase and Sales Agreement are as follows:

Purchaser	South Carolina Department of Transportation
Acreage	11.19 acres
Purchase Price	\$195,000 as determined by appraisal
Approximate Closing Date	Within 90 days of Effective date of Purchase and Sale Agreement
Special Provisions	If construction of the Conway Bypass on the Property has not started by 12/31/2030, Santee Cooper may repurchase the Property at the original Purchase Price





## Conway Perimeter Road Phase II

Construct new road with multi-use path from US 378 (at El-Bethel Road) to US 701 South. The new road will feature 4-lanes with median and turning lanes at the intersection.

**Conway Perimeter Road Phase II**

MAIN ST

CHURCH ST

WRIGHT BLVD

SHWY 701

CATES BAY HWY

CREEL ST

EL BETHEL RD

HWY 378





---

AGENCY: South Carolina Public Service Authority

SUBJECT: Lease Proposal  
Grand Strand Humane Society, Horry County

The South Carolina Public Service Authority requests approval for a gratis lease of 10 acres located adjacent to its Myrtle Beach Gas Turbine site in Myrtle Beach to the Grand Strand Humane Society, Inc.<sup>1</sup> The Authority's gratis lease policy permits the grant of no-cost leases to organizations that advance public and corporate purposes in such areas as education; community and civic support; the arts, culture, and humanities; environmental responsibility; safety, health, and human services; and economic development.

The Grand Strand Humane Society is a 501(c)(3) organization whose mission is to provide facilities for animals in need and to educate responsible pet ownership in Horry County communities. The lease serves a public purpose by providing safety, health, and human services for the community, and supports the Authority's commitment to improve the quality of life of state residents.

The lease is proposed for a term of 40 years, and is subject to review if construction of the facility does not begin within 3 years.

Santee Cooper will continue to conduct operations adjacent to the leased premises, and the planned use of the property is consistent with those operations.

COMMITTEE ACTION:

Approve a gratis lease of 10 acres to the Grand Strand Humane Society for a term of 40 years in accordance with the Authority's gratis lease policy.

ATTACHMENTS:

1. Letter dated March 20, 2024, of Mr. J. Martine Watson, P.E., Chief Commercial Officer, Santee Cooper.
2. Maps of the property.

---

<sup>1</sup> A charitable organization registered with the South Carolina Secretary of State. Financial information reporting is current, and reflects that 93.4% of its total expenses are to program services for the most recent year reported. Available at <https://search.scsos.com/charities>; last accessed March 3, 2024.

March 20, 2024

The Honorable Harvey S. Peeler, Jr.  
Joint Bond Review Committee  
South Carolina Senate  
111 Gressette Building  
Columbia, South Carolina 29201

Re: Gratis Lease for Grand Strand Humane Society

Dear Chairman Peeler:

The South Carolina Public Service Authority (“Santee Cooper”) requests that the Joint Bond Review Committee (“JBRC”) approve a gratis lease (the “Gratis Lease”) to the Grand Strand Humane Society (the “GSHS”).

### **Background**

The GSHS is requesting a 40-year gratis lease of approximately 10 acres adjacent to Santee Cooper’s Myrtle Beach Gas Turbine Site. The property will provide an adoption center, clinic, and kennel for animals and pet owners in need, and the site is appropriately zoned for the proposed use. The GSHS has raised \$3 million in funding for the \$6 million investment and is confident it can raise the additional funds once it has a commitment for the Gratis Lease. Operations are planned to begin in 2026. If construction does not begin within 3 years, a review of the lease status will occur.

As members of the JBRC are likely aware, some local residents have expressed concerns with locating a Humane Society facility at the proposed location. Santee Cooper has discussed these concerns with the GSHS to ensure the concerns are known and addressed. Santee Cooper has been assured that the GSHS has engaged consulting resources to appropriately address these concerns, and they continue to meet with the local residents to demonstrate the mitigation of these concerns.

Attachment A includes maps showing the location of the property and conceptual plans. Santee Cooper will continue to conduct operations adjacent to the leased premises, and the planned use by the GSHS is consistent with those operations. This arrangement allows Santee Cooper to make property that is not marketable available for a valuable public purpose.

### **The Gratis Lease Policy**

Santee Cooper's Board-approved gratis lease policy permits Santee Cooper to grant a gratis lease to the following types of organizations if the lease advances both a public purpose and a corporate purpose:

- Education
- Community/Civic
- Arts, Culture and humanities
- Environmental
- Safety, health and human services
- Economic development

The GSHS is a 501(c)(3) organization whose mission is to provide facilities for animals in need and to educate responsible pet ownership in Horry County communities. The Gratis Lease serves the public purpose of providing safety, health, and human services for the community. It also supports Santee Cooper's fulfillment of its mission to improve the quality of life of state residents. The forty-year lease was approved by Santee Cooper Board of Directors on December 4, 2023.

Santee Cooper respectfully requests that the JBRC approve the Gratis Leaser. Should you have any questions or need any further documentation, please do not hesitate to contact me.

Sincerely,

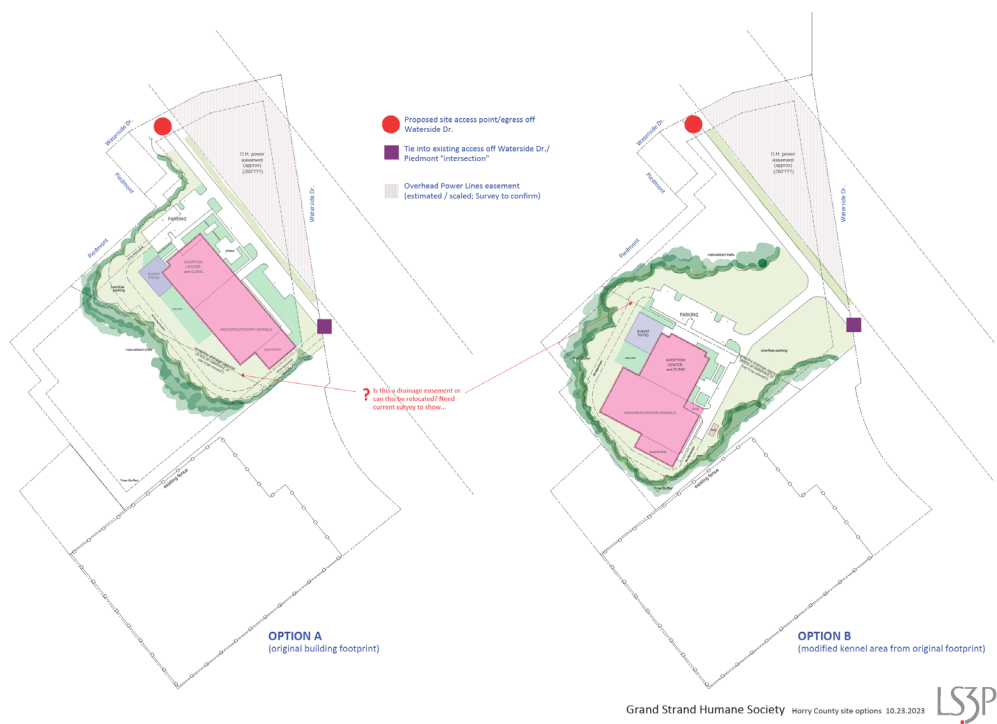
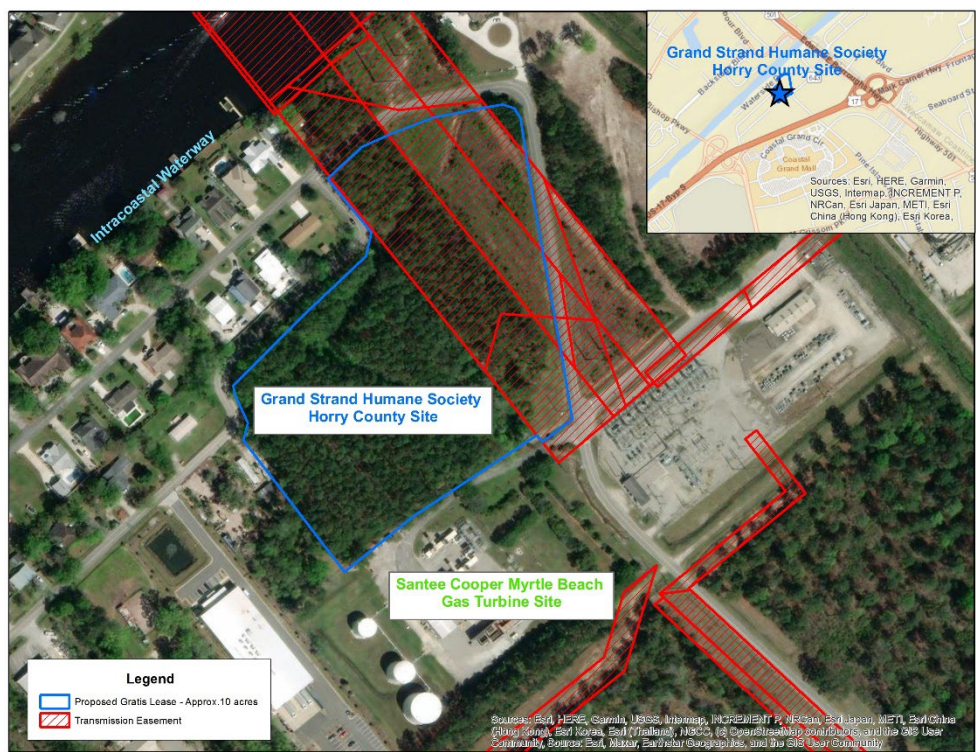


J. Martine Watson

Enclosure: As stated

JMW:cmb

## Attachment A



---

AGENCY: South Carolina Public Service Authority

SUBJECT: Lease Proposal  
Hills Landing, Berkeley County

The South Carolina Public Service Authority requests approval to amend an existing commercial lease known as the Hill's Landing Commercial Lease of 8.5 acres located within the FERC project boundary. The existing lease was executed by and between the Authority and Pura Vida Unlimited, LLC, and the amendment will accommodate the addition to the existing lease of 2.381 acres located outside of the FERC project boundary. The property is located on the Diversion Canal connecting Lake Marion and Lake Moultrie.

The term of the existing lease extends through August 30, 2055, and will not be affected by the amendment. Additional rent will be \$400 annually, based on an appraised value of \$16,000 for the property that is the subject of the amendment.

The lessee will use the property to provide additional public access to its existing campground and landing.

COMMITTEE ACTION:

Approve an amendment to the Authority's existing lease with Pura Vida Unlimited, LLC to accommodate the addition of 2.381 acres located outside of the FERC project boundary, at an additional rental rate of \$400 annually.

ATTACHMENTS:

1. Letter dated March 20, 2024, of Mr. J. Martine Watson, P.E., Chief Commercial Officer, Santee Cooper.
2. Map of the property and substantive terms of the lease.

March 20, 2024

The Honorable Harvey S. Peeler, Jr.  
Joint Bond Review Committee  
South Carolina Senate  
111 Gressette Building  
Columbia, South Carolina 29201

Re: Lease Amendment adding additional acreage to the existing Hill's Landing  
Commercial Lease, Berkeley County

Dear Chairman Peeler:

The South Carolina Public Service Authority ("Santee Cooper") requests that the Joint Bond Review Committee ("JBRC") approve the addition of 2.381 acres to an existing commercial lease by and between Santee Cooper and Pura Vida Unlimited, LLC ("Lessee"). The existing lease is for 8.5 acres located within the FERC project boundary on the Diversion Canal which connects Lake Marion and Lake Moultrie (the "Lease"). The Lease term extends through August 30, 2055.

The Lessee has requested to add to the existing Lease acreage located outside the FERC project boundary in order to provide more public access to their existing campground and landing. The appraised value of the 2.381 acres is \$16,000; which at the current rate for commercial leases around the lake (2.5%) results in additional annual rental of \$400.

Attachment A describes the terms of requested lease amendment for which approval is requested and contains an aerial map showing the location of the Property.

Sincerely,



J. Martine Watson

Enclosure: As stated

JMW:cmb



## Attachment A

The substantive terms of the proposed Lease Agreement are as follows:

<b>Lessee</b>	<b>Pura Vida Unlimited, LLC</b>
<b>Property</b>	<b>Hill's Landing Commercial Lease – currently includes 8.5 acres with the request for an additional 2.381 acres to be leased</b>
<b>Term</b>	<b>Expires August 30, 2055</b>
<b>Rental</b>	<b>Current annual rental rate is \$8,232.00. The additional annual rental rate is \$400 for a new total annual rental rate of \$8,632.00 with rental adjustment in 2031 and 2041</b>
<b>Special Provisions</b>	<b>Existing Lease is located inside the FERC Project Boundary</b>



---

AGENCY: South Carolina Public Service Authority

SUBJECT: Lease Proposal  
Reddy Ice, LLC, Cherokee County

The South Carolina Public Service Authority requests approval to extend a sublease existing between Cherokee County Cogeneration Partners, LLC and Reddy Ice, LLC<sup>1</sup> through September 30, 2024. The sublease covers approximately 2 acres and certain facilities and equipment situated thereon, and was included among the assets of the Cherokee LLC acquired by the Authority on October 31, 2023.<sup>2</sup> The existing sublease will expire on March 31, 2024.

The extension will continue the sublease on its existing terms, but for one slight modification that the parties mutually agree to remove an outdated purchase price cap amount found in one section of the sublease, and will accommodate the time necessary for negotiations toward finalizing a longer-term sublease that will mutually support each party's strategies for future operations. A subsequent submission will be made to the Committee prior to expiration of this extension.

COMMITTEE ACTION:

Approve an extension to the sublease existing between Cherokee County Cogeneration Partners, LLC and Reddy Ice, LLC through September 30, 2024.

ATTACHMENTS:

1. Letter dated March 20, 2024, of Mr. J. Martine Watson, P.E., Chief Commercial Officer, Santee Cooper.
2. Map of the property and substantive terms of the sublease.
3. Resolution dated March 7, 2024, adopted by the Water Services and Resources Management Committee of the Board of Directors of the Authority.

---

<sup>1</sup> Reddy Ice, LLC operates an ice manufacturing facility on the property and employs approximately 17 employees.

<sup>2</sup> At its meeting on October 10, 2023, the Joint Bond Review Committee approved the Authority's request to acquire approximately 107 acres in connection with its acquisition of the ownership interests of Cherokee County Cogeneration Partners, LLC, including the property and facilities that are the subject of the sublease contemplated by this extension request.



March 20, 2024

The Honorable Harvey S. Peeler, Jr.  
Chairman, Joint Bond Review Committee  
South Carolina State Senate  
111 Gressette Building  
Columbia, SC 29201

Re: Sublease Extension – Cherokee County Cogeneration Partners, LLC and Reddy Ice, LLC

Dear Chairman Peeler:

The South Carolina Public Service Authority (“Santee Cooper”) requests that the Joint Bond Review Committee (“JBRC”) approve an extension of the existing sublease (the “Sublease”) between Cherokee County Cogeneration Partners, LLC (“Cherokee LLC”) and Reddy Ice, LLC (“Reddy Ice”) through September 30, 2024.

### **Background**

As the members of the JBRC will recall, Santee Cooper recently purchased, with JBRC approval, 100% interest in the Cherokee LLC for the benefit of owning the natural gas generation and capacity from the combined cycle unit owned and operated by the Cherokee LLC. As part of the transaction, there was an existing sublease of real property and equipment with Reddy Ice for the purpose of operating an ice manufacturing plant. The ice manufacturing plant is located directly adjacent to the natural gas facility on the property owned by Cherokee LLC, as depicted in the aerial photo attached to this letter.

Cherokee LLC is very interested in continuing to work with Reddy Ice to maintain operations of the ice manufacturing plant and ultimately to work towards a longer-term lease agreement or perhaps other mutually acceptable arrangement that will keep this manufacturing facility operational long term. Reddy Ice has been receptive to initial discussions with Santee Cooper personnel and both parties would like additional time to review and consider terms that would align with each organization’s strategy for future operations. Ultimately, Santee Cooper will come in front of the JBRC again for approval of the final agreement for this long-term solution.

In addition to an extension of the current sublease agreement, the parties have discussed and have come to an understanding that there is a specific item in one section of the current sublease that is no longer reasonable, and the parties agree this specific term should be removed from the current sublease without disruption or modification to the remainder of the agreement or to any ongoing discussions or analysis by the parties. The sublease contains a section wherein the Lessee may exercise a purchase option pending certain conditions being met. The purchase

option term contains an upper limit above which no future sales price could extend. The sublease itself was initially entered into in 1998 (between different original owners/lessors and lessee organizations) and given the extended amount of time and market changes that have occurred since the original agreement, the parties recognized that it would be appropriate to remove the purchase price cap. Thus, the parties have agreed to keep all relevant terms the same, only agreeing to remove the limitation on the specific dollar amount in the purchase price cap term, which then allows meaningful further analysis, dialogue and discussion regarding the future of the real property.

Relevant terms of the sublease and a map showing the location of the ice manufacturing plant in relation to the natural gas facility have been included in Attachment A to this letter. During the renewal term of the sublease, Santee Cooper will continue to conduct the natural gas operations adjacent to the subleased premises, and the planned use by Reddy Ice is consistent with those operations. The sublease extension allows the parties to continue negotiations towards longer term disposition of the property.

Santee Cooper respectfully requests that the JBRC approve the Sublease extension through September 30, 2024, and with the limited modification to the purchase price cap in the purchase option noted herein. Should you have any questions or need any further documentation, please do not hesitate to contact me.

Sincerely,



J. Martine Watson

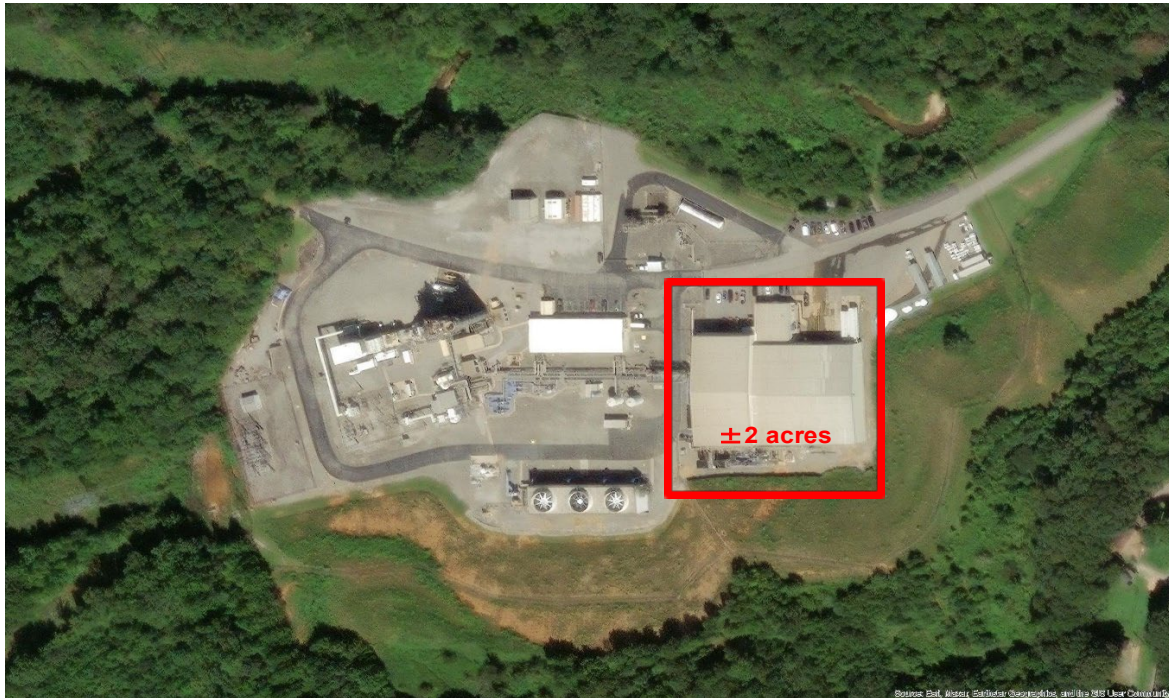
Enclosure: As stated

JMW:cmb

## Attachment A

The substantive terms of the Sublease and Extension Terms are as follows:

<b>Lessor</b>	<b>Cherokee County Cogeneration Partners, LLC</b>
<b>Lessee</b>	<b>Reddy Ice, LLC</b>
<b>Property</b>	<b>Currently includes roughly 2 acres with the ice manufacturing equipment and fixtures included</b>
<b>Current Term</b>	<b>Expires March 31, 2024</b>
<b>Extension</b>	<b>Through September 30, 2024</b>
<b>Rental Rate Calculation</b>	<b>Currently, there is a base lease rate calculated annually and paid monthly along with monthly royalty payments based on the amount of ice sold, calculated in net tons.</b>
<b>Special Provisions</b>	<b>Modification in Section 13 of the Sublease to remove the purchase price cap amount.</b>



March 7, 2024

JBRC SUBMISSION APPROVAL  
REDDY ICE SUBLEASE EXTENSION

Adopted   X  

Rejected       

Postponed       

RESOLUTION

WHEREAS, South Carolina Code Ann. § 58-31-30(A)(4) vests the South Carolina Public Service Authority (the “Authority”) with the powers to acquire, purchase, hold, use, lease, mortgage, sell, transfer, and dispose of any property, real, personal, or mixed; and

WHEREAS, On April 21, 2023 the Authority’s Board of Directors (the “Board of Directors”) authorized and on October 31, 2023 the Authority acquired 100% of the equity interests in Cherokee County Cogeneration Partners, LLC (“Cherokee Co-Gen LLC”); and

WHEREAS, Cherokee Co-Gen LLC has an Improvements and Equipment Sublease agreement that terminates effective March 31, 2024 with Reddy Ice, LLC for the sublease of space and equipment for the purpose of operating an ice manufacturing facility on property directly adjacent to the Cherokee Co-Gen LLC natural gas combined cycle facility; and

WHEREAS, The Authority and Reddy Ice, LLC are negotiating the terms of a new lease agreement, and the parties need more time to complete the negotiations of the new agreement; and

WHEREAS, The Authority’s Management advised the Water Services and Resource Management Committee of the Board of Directors (the “WSRM Committee”) that the parties desire to amend the current Improvements and Equipment Sublease to extend it through September 30, 2024 to complete negotiations on and drafting of a new agreement; and

WHEREAS, South Carolina Code Ann. § 58-31-240(B)(2) provides that a transfer of any interest in real property by the Authority, regardless of the value of the transaction, requires approval, rejection, or modification by the South Carolina Joint Bond Review Committee (“JBRC”); and

WHEREAS, The WSRM Committee is responsible for review and approval of real property transactions prior to submission to the JBRC; and

WHEREAS, The Authority’s Management recommends amending the existing Improvements and Equipment Sublease agreement to modify the purchase price cap language, acknowledge the Authority’s legal and regulatory obligations related real property transactions, and extend the term through September 30, 2024 to allow the parties time to complete negotiations on a new agreement; and

WHEREAS, The WSRM has reviewed the information provided by the Authority’s Management and has considered Management’s recommendations; and

WHEREAS, After having considered and appropriately balanced the factors set forth in

South Carolina Code Ann. § 58-31-55(A)(3), the WSRM Committee has determined its authorization of the Authority's Management to seek approval from the JBRC for the recommended modifications to and extension of the Improvements and Equipment Sublease is in the best interests of the Authority; now therefore be it

RESOLVED, That the Authority's Management is hereby authorized to seek approval from the JBRC of the above transaction; and be it further

RESOLVED, That the WSRM Committee hereby authorizes the President and Chief Executive Officer and the Chief Commercial Officer to take such further actions and execute such further agreements as are necessary to carry out the foregoing resolution.

---

AGENCY: Department of Administration  
Executive Budget Office

SUBJECT: Financing Proposal for Permanent Improvements  
University of South Carolina  
Health Sciences Campus

The University of South Carolina requests Phase II review to construct a Health Sciences facility to among other things replace space currently leased at the William Jennings Bryan Dorn Veterans Affairs Medical Center in Columbia. The lease with the U.S. Department of Veterans Affairs will terminate in 2030, and would require extensive capital investments on property the University does not own to meet current and future needs of the University's School of Medicine.

Permanent Improvement Project. The project was established in July 2021 with a Phase I budget of \$4,200,000, funded with institutional funds of the University. This request will increase the project budget to \$300,000,000, funded by \$70 million in Capital Reserve funds; \$15 million in State appropriations; \$115 million in institutional funds; and \$100 million in proceeds from the issuance of general obligation state institution bonds.

The University proposes to construct a four-story, approximately 308,000 square foot building on 16 acres in the Bull Street District in downtown Columbia. The new facility will support the School of Medicine and research labs in an initial phase of the University's Health Sciences campus.

Execution of the construction contract is expected in November 2024, with completion of construction in August 2027.

General Obligation State Institution Bonds (Issued by the State on Behalf of the University of South Carolina). The University proposes funding a portion of the permanent improvements with proceeds from the issuance of not exceeding \$102,000,000 General Obligation State Institution Bonds.

Article X, §13(6)(b) of the South Carolina Constitution authorizes the issuance of state general obligation bonds for an institution of higher learning if the bonds are additionally secured by a pledge of the revenues derived from the tuition fees received by that institution; provided, that the maximum annual debt service on all state institution bonds issued for the institution and outstanding at any time will not exceed 90% of the total tuition fees received by the institution in the preceding fiscal year. Chapter 107 of Title 59 of the SC Code implements this constitutional provision.

Tuition fees collected by the University for the fiscal year ended June 30, 2023, and made available to comply with the constitutional and statutory limit on debt service totaled \$34,739,280. Maximum annual debt service on existing and proposed bonds is not expected to exceed \$21,249,463, or 61% of tuition fees designated for compliance with the limit on annual debt service.

---

Documentation supporting the submission states that no student tuition or fee increase will be required as a direct consequence of the permanent improvement project.

The full faith and credit of the State will be pledged to the payment of the proposed bonds; however, no mortgage or lien will be given on any real property of the institution or the state.

The University has made a covenant to designate and deposit sufficient tuition fees to meet the 90% maximum annual debt service requirement for the life of the bonds. In the event that revenue from tuition fees in any fiscal year is insufficient to meet debt service requirements, the State Treasurer is required to set aside and apply general tax revenues of the state sufficient to provide for the punctual payment of debt service then or to become due in that fiscal year.

The term of the proposed bonds will be 20 years.

COMMITTEE ACTION:

1. Review and make recommendation regarding the University's request to establish Phase II full design and construction for the permanent improvement project, to be funded by \$70 million in Capital Reserve funds; \$15 million in State appropriations; \$115 million in institutional funds; and \$100 million in proceeds from the issuance of general obligation state institution bonds.
2. Review and make recommendation regarding the University's request for issuance by the state on its behalf of not exceeding \$102,000,000 General Obligation State Institution Bonds.

ATTACHMENTS:

1. Department of Administration, Executive Budget Office Agenda Item Worksheet.
2. Letter dated February 16, 2024, of Mr. Gary T. Pope, Jr., Pope Flynn, LLC, Bond Counsel.
3. Bond Information Report and Exhibits.

AVAILABLE:

1. Constitutional and Statutory References: Article X, §13(6)(b) of the South Carolina Constitution; Chapter 107 of Title 59 of the South Carolina Code of Laws (State Institution Bonds).
2. Resolution of the University's Board of Trustees requesting issuance of the bonds.
3. Form of Resolution of the State Fiscal Accountability Authority authorizing issuance of the bonds.

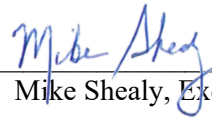
# JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

**Meeting Scheduled for: March 20, 2024**

**Regular Agenda**

**1. Submitted By:**

- (a) Agency: Department of Administration  
 (b) Authorized Official Signature:



Mike Shealy, Executive Budget Office

**2. Subject:**

University of South Carolina – Columbia – New Health Sciences Campus – Medical Education and Research Facilities

**3. Summary Background Information:**

**Project:** University of South Carolina - Columbia  
 H27.6139: New Health Sciences Campus – Medical Education and Research Facilities

**Request:** Establish Phase II Full Construction Budget to construct a new University of South Carolina School of Medicine facility to replace current leased space in the Wm. Jennings Bryan Dorn Veterans Affairs Medical Center campus in Columbia.

**Included in CPIP:** Yes – 2023 CPIP Priority 1 of 16 in FY24 (estimated at \$300,000,000)

**Phase I Approval:** July 2021 (estimated at \$300,000,000) (SFAA)

**CHE Approval:** Pending CHE Board Approval on 03/07/24

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Institution Bonds				100,000,000	100,000,000
FY19 Capital Reserve (18)				5,000,000	5,000,000
FY20 Capital Reserve (13)				15,000,000	15,000,000
FY22 Capital Reserve (10)				25,000,000	25,000,000
FY23 Capital Reserve (9)				25,000,000	25,000,000
Appropriated State, FY22 Proviso 118.18 (B) (17) (a)				10,000,000	10,000,000
Appropriated State, FY24 USC Medical School				5,000,000	5,000,000
Other, Institutional	4,200,000		4,200,000	110,800,000	115,000,000
All Sources	<u>4,200,000</u>		<u>4,200,000</u>	<u>295,800,000</u>	<u>300,000,000</u>

**Summary of Work:** The proposed new Medical Education Building will provide spaces to accommodate classrooms, anatomy labs, clinical skills, simulation spaces, faculty offices, administration offices, and student support. The four-story education and research building will be comprised of approximately 308,000 gross square feet. Approximately 150,000 gross square feet is allocated for the Education program, 125,000 feet is allocated for Research (wet labs, vivarium, lab support spaces), and 33,000 gross square feet is allocated for “Common” programmatic elements. The master plan incorporates both the initial facility and subsequent phases that will



add buildings and create structured parking in the future. This first phase will provide the education and research building in the heart of the 16 acres with a separate central utility plant. The central utility plant is designed to support one future building and is expandable to support additional future buildings. The majority of the roof to be installed on the new buildings will be a TPO membrane roof system. Portions of the building that need a more durable walking surface for maintenance will be a modified bitumen membrane roof for durability where required. The roofs will come with a minimum 20-year material and workmanship warranty. Approximately 700 surface parking spaces will be created with roughly half of the spaces located south of the building and half to the north of the building. These surface lots will be the locations of future buildings. Site planning also incorporates sensitive urban planning themes enforced upon development within the Bull Street District. The entire 16-acre site will be improved with grading, landscaping, asphalt surface parking, paving to include Cooper Drive, and site utilities.

**Rationale:** The current School of Medicine at the Dorn VA Center campus does not reflect a cutting-edge reputation and the location is unsustainable with critical space and technology constraints. The space is leased from the U.S. Department of Veterans Affairs through an agreement that terminates in 2030. The SOM at the VA campus space requires extensive capital investment which would be unwise for space that the university does not own or control beyond 2030. Both the SOM and the Dorn VA Center are outgrowing their respective spaces, and the VA intends to recover and occupy large portions of space currently leased by USC. Some USC research space is expected to remain active at the VA site. These and other factors have led the university to determine that a modern, efficient new facility, located closer to both the USC Columbia campus and to Prisma Health in downtown Columbia, is the most effective long-term strategy for the School of Medicine and a Health Sciences Campus.

**Facility Characteristics:** The site for the new 308,000 gross square foot four-story Health Sciences Campus is 16 acres in the Bull Street District in downtown Columbia. The site is near the Prisma Hospital and about 2 miles north of the USC Columbia campus. This location will be more convenient to USC's main campus and the Prisma Health Campus where many third and fourth-year medical students will have the opportunity for practical experience. The total estimated square footage of the Medical Education and Research Building and the Central Utility Plant is 335,393 gross square feet. The Medical Education Building will be home for the USC School of Medicine. The Research Building will accommodate inter-disciplinary research in support of Medicine, Public Health, and other synergistic programs. Using the enrollment growth plan as a guide, the estimated number of students, faculty, staff, and visitors expected to utilize the new facility is approximately 2,000.

**Financial Impact:** This phase of the project will be funded from FY19 Capital Reserve (uncommitted balance \$5M at January 31, 2024), FY20 Capital Reserve (uncommitted balance \$15M at January 31, 2024), FY22 Capital Reserve (uncommitted balance \$25M at January 31, 2024), FY23 Capital Reserve (uncommitted balance \$25M at January 31, 2024), FY22 Appropriated State (nonrecurring) (uncommitted balance \$10M at January 31, 2024), FY24 Appropriated State, USC Medical School (uncommitted balance \$5M at January 31, 2024), and Other, Institutional Funds (uncommitted balance \$217 million at January 31, 2024). Institutional Funds come primarily from regular operating funds. The project is expected to result in a decrease of \$1,050,000 (years 1 thru 3), in annual operating expenditures. No student fees or tuition will be increased because of the project. A portion of tuition is designated for capital improvements, currently \$40 per student per semester, and has not increased for the academic years 2019-2020 to 2023-2024. The buildings will be constructed to meet LEED Silver certification standards with anticipated energy savings of \$10,389,600 over a 30-year period.

Full Project Estimate: \$300,000,000 funded by Institution Bonds, Capital Reserve, Appropriated State, and Institutional Funds. Contract execution is expected in November 2024 with construction completion in August 2027.

---

**4. What is JBRC asked to do?**

Consider approval of the Permanent Improvement Project Phase II.

---

**5. What is the recommendation of the Department of Administration?**

The item is complete and ready for JBRC review.

---

**6. List of Supporting Documents:**

1. Permanent Improvement Project New Health Sciences Campus – Medical Education and Research Facilities
2. Bond Information Report



Pope Flynn, LLC  
1411 Gervais Street, Suite 300  
Post Office Box 11509 (29211)  
Columbia, SC 29201  
MAIN 803.354.4900  
FAX 803.354.4899  
www.popeflynn.com

February 16, 2024

Mr. F. Richard Harmon, Jr.  
Director of Research  
Joint Bond Review Committee  
312 Gressette Building  
Columbia, South Carolina 29201

Re: Not Exceeding \$102,000,000 of General Obligation State Institution Bonds (Issued on Behalf of the University of South Carolina) of the State of South Carolina

Dear Rick:

The University of South Carolina (the "University") plans to request project review and approval of a new Health Sciences Campus project at the March 20, 2024 Joint Bond Review Committee and March 26, 2024 State Fiscal Accountability Authority meetings, and in connection with such request will propose that a portion of the budget for such project include proceeds of the above-referenced bonds (the "Bonds"). In accordance with the policy adopted by the Joint Bond Review Committee on October 7, 2014, as amended on September 13, 2016, regarding any agency or institution request for a project approval that results in the addition of bond funds to the project budget, please find enclosed the required documentation detailing the proposed financing of the proposed project. On behalf of the University, we respectfully request that the Joint Bond Review Committee consider the request for the use of proceeds from the proposed Bonds in connection with its consideration of the proposed project at its meeting currently scheduled for March 20, 2024.

Please let us know should you require anything further or if you have any questions regarding the enclosed.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'G. Pope, Jr.', is written over the typed name.

Gary T. Pope, Jr.

c: Mandy Kibler, Associate Vice President and University Controller, University of South Carolina  
Robert Macdonald, Director, Debt Management Division, Office of State Treasurer  
Jennifer LoPresti, Capital Budgeting Manager, Executive Budget Office  
Enclosures

University of South Carolina Bond Information Report

Health Sciences Campus Project

Prepared in Connection with the Proposed Authorization of

Not Exceeding \$102,000,000 of State of South Carolina General Obligation  
State Institution Bonds (Issued on Behalf of the University of South Carolina),  
Series 2024

March 20, 2024 Joint Bond Review Committee Meeting

*Amount and Type of Bond.* The University of South Carolina (the “University”) is making application to the South Carolina State Fiscal Accountability Authority for the issuance of not exceeding \$102,000,000 of State of South Carolina General Obligation State Institution Bonds (Issued on Behalf of the University of South Carolina), Series 2024 (the “Bonds”), in order to provide funds: (i) to construct, improve, and furnish a new Health Sciences Campus in the Bull Street District of downtown Columbia, South Carolina; (ii) to reimburse the University for expenses incurred in anticipation of the issuance of such State Institution Bonds ((i) and (ii), collectively, the “Project”); and (iii) to pay for expenses related to the issuance of the Bonds.

*Revenues Pledged to Pay the Bonds.* Tuition revenues of the University and the full faith, credit, and taxing power of the State of South Carolina would be pledged to the payment of the Bonds. Article X, Section 13, Paragraph (6)(b) of the South Carolina Constitution provides that general obligation bonds for any state institution of higher learning designated by the General Assembly (“State Institution Bonds”) may be issued, if such bonds shall be additionally secured by a pledge of the revenues derived from the tuition fees received by the particular institution of higher learning for which such State Institution Bonds are issued; provided, that the maximum annual debt service on all State Institution Bonds so additionally secured issued for such state institution thereafter to be outstanding shall not exceed 90% of the sums received by such state institution of higher learning from tuition fees for the fiscal year next preceding. The University has covenanted to designate and deposit sufficient tuition fees to meet the 90% maximum annual debt service covenant for the life of the Bonds. Title 59, Chapter 107 of the South Carolina Code (the “Enabling Act”) provides for the authorization of State Institution Bonds. Section 11-29-30 of the South Carolina Code requires the State Treasurer to set aside from the tuition fees collected by such state institution and received in each fiscal year in which interest on and principal of the Bonds become due, so much of such revenues from such tuition fees as may be necessary in order to pay the interest on and principal of all State Institution Bonds issued on behalf of the University and due in each fiscal year, and the State Treasurer thereafter applies such moneys to the punctual payment of such principal and interest as they become due. In the event revenues derived from the tuition fees so pledged prove insufficient to meet the payments of interest on and principal of the Bonds in such fiscal year, then the State Treasurer is authorized and directed to set aside so much of the general tax revenues received in each fiscal year as may be necessary to pay the principal of and interest on the Bonds due in such year and to apply the same to the punctual payment of such principal and interest.

The sum of tuition fees, for the purposes of the Enabling Act, for the fiscal year ended June 30, 2023, totaled \$34,739,280. The debt service requirements on all existing, authorized, and proposed State Institution Bonds (Issued on Behalf of the University) are attached as Exhibit A. Exhibit B reflects maximum annual debt service of \$21,249,463 in fiscal year 2026, and debt service utilization of fiscal year 2023 tuition fees ranging from 20% to 61%, compared to the 90% statutory limitation. The University will covenant that the schedule of tuition fees now in effect at the University will be revised from time to time and whenever necessary in order to provide the annual principal and interest requirements of all State Institution Bonds now or hereafter to be outstanding, which have been or will be issued on behalf of the University.

*New Revenue Generation.* Establishing the new Health Sciences Campus in the Bull Street District to accommodate the relocation of the School of Medicine and Research Labs following a comprehensive and thorough facilities assessment, rather than revenue generation, is the basis for this Project, however the new facilities will be designed to enable the medical class size to expand incrementally by around 30% from the current class size. The University is not relying on any increase in revenues to pay debt service on the Bonds.

*Other Funds Available to Pay Bonds.* Current tuition levels are more than sufficient to pay the debt service on the Bonds. In order for current tuition levels to be insufficient, enrollment would need to decrease by approximately 30%. The University's enrollment has grown approximately 10% in the past 10 years.

*Student Fees, Credit of the State, Mortgages.* The full faith and credit of the State of South Carolina would be pledged to the payment of the Bonds. No Special Student Fee is authorized to be imposed in connection with the Bonds, and none is contemplated. No mortgage or lien has been or will be given in connection with the issuance of the Bonds.

Prepared February 16, 2024

# Exhibit A

## University of South Carolina - State Institution Bonds - Composite Debt Service

Fiscal Year			Proposed Issue			
	Existing Debt Service	Debt Service on Authorized but Unissued			Composite Debt Service	
			Principal	Interest		
6/30/2024	\$ 12,426,072	-	-	-	\$ 12,426,072	
6/30/2025	14,104,394	-	\$ 3,830,000	\$ 3,272,548	21,206,942	
6/30/2026	14,146,644	-	3,990,000	3,112,819	21,249,463	
6/30/2027	10,093,944	-	4,100,000	3,003,493	17,197,437	
6/30/2028	10,092,344	-	4,210,000	2,895,663	17,198,007	
6/30/2029	10,086,844	-	4,315,000	2,789,571	17,191,415	
6/30/2030	9,534,294	-	4,425,000	2,682,127	16,641,421	
6/30/2031	9,533,431	-	4,535,000	2,571,502	16,639,933	
6/30/2032	7,999,981	-	4,645,000	2,457,674	15,102,655	
6/30/2033	7,998,631	-	4,765,000	2,340,620	15,104,251	
6/30/2034	8,004,456	-	4,885,000	2,219,589	15,109,045	
6/30/2035	6,907,731	-	5,010,000	2,095,510	14,013,241	
6/30/2036	2,821,850	-	5,150,000	1,954,729	9,926,579	
6/30/2037	2,817,050	-	5,305,000	1,798,684	9,920,734	
6/30/2038	-	-	5,480,000	1,627,332	7,107,332	
6/30/2039	-	-	5,670,000	1,437,176	7,107,176	
6/30/2040	-	-	5,870,000	1,232,489	7,102,489	
6/30/2041	-	-	6,090,000	1,014,125	7,104,125	
6/30/2042	-	-	6,325,000	782,096	7,107,096	
6/30/2043	-	-	6,570,000	535,421	7,105,421	
6/30/2044	-	-	6,830,000	275,249	7,105,249	
Totals	\$ 126,567,666	\$ -	\$ 102,000,000	\$ 40,098,417	\$ 268,666,083	

Exhibit B

University of South Carolina - State Institution Bonds - Coverage

Fiscal Year	Composite Debt		FY23 Tuition		Pro Forma Coverage Percentage
		Service		Pledged to Debt Service Pledged Tuition	
6/30/2024	\$	12,426,072	\$	34,739,280	- 36%
6/30/2025		21,206,942		34,739,280	- 61%
6/30/2026		21,249,463		34,739,280	- 61%
6/30/2027		17,197,437		34,739,280	- 50%
6/30/2028		17,198,007		34,739,280	- 50%
6/30/2029		17,191,415		34,739,280	- 49%
6/30/2030		16,641,421		34,739,280	- 48%
6/30/2031		16,639,933		34,739,280	- 48%
6/30/2032		15,102,655		34,739,280	- 43%
6/30/2033		15,104,251		34,739,280	- 43%
6/30/2034		15,109,045		34,739,280	- 43%
6/30/2035		14,013,241		34,739,280	- 40%
6/30/2036		9,926,579		34,739,280	- 29%
6/30/2037		9,920,734		34,739,280	- 29%
6/30/2038		7,107,332		34,739,280	- 20%
6/30/2039		7,107,176		34,739,280	- 20%
6/30/2040		7,102,489		34,739,280	- 20%
6/30/2041		7,104,125		34,739,280	- 20%
6/30/2042		7,107,096		34,739,280	- 20%
6/30/2043		7,105,421		34,739,280	- 20%
6/30/2044		7,105,249		34,739,280	- 20%



AGENCY: Department of Administration  
Capital Budget Office

SUBJECT: Permanent Improvement Project Proposals

The Department of Administration has submitted 44 proposals for Permanent Improvement Projects on behalf of agencies, summarized as follows:

	Items	Existing Budget	Proposed Budget Change	Estimated Total Project Cost
Higher Education				
H15 - College of Charleston	1	143,750	5,606,250	5,750,000
H21 - Lander University	1	37,500	3,062,500	3,100,000
H27 - University of South Carolina - Columbia	1	-	90,000	6,000,000
H34 - University of South Carolina - Upstate	1	-	20,000	12,270,000
H59 - Spartanburg Community College	4	511,997	37,081,147	40,719,144
Higher Education Total	8	693,247	45,859,897	67,839,144
Agencies				
D50 - Department of Administration	13	907,487	5,785,481	15,623,339
H73 - Vocational Rehabilitation Department	2	30,000	1,865,860	1,895,860
J12 - Department of Mental Health	6	1,804,325	1,282,184	4,367,009
K05 - Department of Public Safety	1	-	7,500	350,000
L12 - Governor's School of Agriculture at John De La I	1	250,000	174,900	424,900
N04 - Department of Corrections	2	24,000	1,660,316	1,684,316
N12 - Department of Juvenile Justice	1	950,000	150,000	1,100,000
P24 - Department of Natural Resources	2	3,070,163	740,000	3,810,163
P28 - Department of Parks, Recreation & Tourism	7	-	140,000	32,532,000
R60 - Department of Employment and Workforce	1	-	5,550	441,750
Agencies Total	36	7,035,975	11,811,791	62,229,337
Grand Total	44	7,729,222	57,671,688	130,068,481

COMMITTEE ACTION:

Review and make recommendation of proposed permanent improvement projects for consideration by the State Fiscal Accountability Authority or Department of Administration, as applicable.

ATTACHMENTS:

1. Department of Administration, Capital Budget Office, Permanent Improvements Proposed by Agencies - Summary 5-2024 covering the period November 13, 2023, through January 17, 2024.

1. Project: College of Charleston  
H15.9679: 58 George Street Renovation
- Request: Establish Phase II Full Construction Budget to complete repairs and construct a small addition to the Barnard Elliot House in Charleston.
- Included in CPIP: Yes – 2023 CPIP Priority 2 of 10 in FY24 (estimated at \$5,750,000)
- CHE Approval: 02/01/24
- Phase I Approval: December 2022 (estimated at \$5,750,000) (SFAA)
- Supporting Details: Pages 1-18

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Capital Improvement Project	143,750		143,750	4,979,155	5,122,905
Other, Donation				627,095	627,095
All Sources	<u>143,750</u>		<u>143,750</u>	<u>5,606,250</u>	<u>5,750,000</u>

Summary of Work: The project will include full interior and exterior renovations, structural repairs, roof replacement, infrastructure modernization, demolition of two small building additions, and construction of a 2,462 square foot modern building addition. The renovated original structure will contain offices, communal space, and meeting/seminar rooms for students and staff. The building addition will integrate modern infrastructure including a passenger elevator, ADA compliant restrooms, infrastructure support spaces, code compliant circulation, flexible event space, interview rooms, offices, and a conference room. The existing terne coated metal roof will be replaced with a metal roof and will come with a 50-year material and workmanship warranty.

Rationale: 58 George Street has significant structural issues with temporary indoor shoring to support the center of the building. The building was taken offline in 2015 due to structural instability and remains vacant. In order for the building to be re-occupied, repairs need to be made. This building is historically protected and cannot be demolished.

Facility Characteristics: The Barnard Elliot House at 58 George Street is a four-level, 6,327 gross square foot building, and the original historic 3,902 gross square foot building was constructed in 1803 (221 years old). Subsequent to the original construction, two small building additions totaling 2,425 square feet were added and will now be demolished. A new 2,462 gross square foot building addition will be added. No significant improvements have been made to the building in 37+ years. After renovations are complete the building will provide a new centrally located home for the student Edward J. Tuccio '91 Student Success Center and Center for Civic Engagement. The Student Success Center will consolidate resources to improve student retention, persistence and completion. The project will benefit 10,677 students, 847 faculty, 865 staff, clients, visitors, parents and potential students.

Financial Impact: This phase of the project will be funded from Other, Capital Improvement Project (uncommitted balance \$26.25 million at December 8, 2023), and Other, Donation Funds (uncommitted balance \$627K at December 8, 2023). Revenue to the Capital Improvement Project fund is generated by the Capital Improvement Fee that exceed current annual debt service related to bonds. The project is expected to result in a decrease of \$2,000 (year 1), \$2,060 (year 2), and \$2,122 (year 3), in annual operating expenditures. No student fees or tuition will be increased as a consequence of the project. A portion of tuition is designated for capital improvements, currently \$906 per student per semester, and has not increased

for the academic years 2019-2020 to 2023-2024. \$622 of the \$906 is currently pledged for debt service. The balance of the fee, \$284 per student, per semester, is used to fund ongoing capital projects and maintenance.

Full Project Estimate: \$5,750,000 funded by Capital Improvement Project, and Donation Funds. Contract execution is expected in September 2024 and completion of construction in December 2025.

2. Project: Lander University  
 H21.9565: Student Dining Hall Renovation
- Request: Establish Phase II Full Construction Budget to renovate the dining hall in the Grier Student Center.
- Included in CPIP: No – The project was not included in the 2023 CPIP submission due to an oversight by the university, as well as the project was estimated to cost less than \$2,000,000.
- Phase I Approval: December 2023 (estimated at \$2,500,000) (SFAA)
- CHE Approval: 02/01/24
- Supporting Details: Pages 19-30

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Aramark Contract Requirement	37,500		37,500	3,062,500	3,100,000
All Sources	<u>37,500</u>		<u>37,500</u>	<u>3,062,500</u>	<u>3,100,000</u>

Summary of Work: This project will remove the existing food preparation and serving venues, and replace with upgraded, versatile venues where the equipment and appliances allow the preparation of a wide variety of menu items. Upgrades to the dining hall aesthetics such as ceiling, lighting, flooring, and furnishings, are also included. Utility infrastructure will be updated to support the re-design.

Rationale: The university entered into a contract with Aramark in August 2023. As part of the required deliverables, the vendor agreed to invest in infrastructure updates.

Facility Characteristics: Grier Student Center is a 3-story, 61,000 square foot building constructed in 1978 (46 years old). The student dining hall is on the bottom floor of the building and is 19,300 square feet. Due to continued increases in enrollment, the dining hall footprint was expanded and renovated in 2007. Approximately 3,600 students and 180 faculty, staff, visitor, and guests, utilize the dining hall each day.

Financial Impact: The project will be funded from an Aramark Contractual Requirement (uncommitted balance \$3.5 million at January 29, 2024). The project is not expected to result in any change in annual operating expenditures. No student fees or tuition will be increased as a consequence of the project. Currently, no portion of tuition is designated for capital improvements.

Full Project Estimate: \$3,100,000 funded by Aramark Contract Requirement Funds. Contract execution is expected in May 2024 and completion of construction in October 2024.

3. Project: University of South Carolina - Columbia  
 H27.6157: Booker T. Washington Renovation
- Request: Establish Phase I Pre-Design Budget to renovate the historic building.
- Included in CPIP: No – The federal funding for this project was not received until after the 2023 CPIP submission.
- CHE Approval: 03/07/24
- Supporting Details: Pages 39-48

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Federal, National Park Service				90,000	90,000
All Sources				<u>90,000</u>	<u>90,000</u>

Summary of Work: The project will replace the roof, replace aged mechanical and electrical systems, improve restrooms to comply with ADA guidelines, and renovate and re-purpose portions of the building for functional and aesthetic purposes. All roofing material options will be evaluated during the Phase I process. The building will be designed to meet either LEED Silver or Two Green Globes certification standards.

Rationale: The building has areas with original infrastructure and original and/or aged finishes that require replacement and modernization.

Facility Characteristics: The Booker T. Washington Building is 36,328 gross square feet and was constructed in 1955 (69 years old). The entire building will be renovated in the project. The building is occupied by academic programs, support services, and the local community. Approximately 2,000 students, faculty, staff and local community will use the facility daily.

Financial Impact: This project will be funded from Federal, National Park Service Grant Funds (reimbursable grant uncommitted balance \$6 million at February 2, 2024). Revenue received is to fund physical preservation of historic sites to include districts, buildings, sites, structures, and objects. The project is expected to result in a decrease of \$28,000 (years 1 thru 3), in annual operating expenditures. No student fees or tuition will be increased because of the project. A portion of tuition is designated for capital improvements, currently \$40 per student per semester, and has not increased for the academic years 2019-2020 to 2023-2024.

Full Project Estimate: \$6,000,000 funded by National Park Service Grant Funds.

4. Project: University of South Carolina - Upstate  
 H34.9557: George Dean Johnson Building Acquisition
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of a building and +/-one acre at 160 E. St. John Street in downtown Spartanburg.
- Included in CPIP: Yes – 2023 CPIP Priority 1 of 1 in FY27 (estimated at \$14,020,000)
- CHE Approval: 02/06/24
- Supporting Details: Pages 69-80

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Institutional				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

Rationale: The building is currently leased by the university and houses programs that must occupy the building for the foreseeable future, per the university. The owner of the building has expressed interest in selling the building to the university, which would eliminate leasing the space. If acquired, there are no plans for construction or renovation of the property by the university at this time.

Characteristics: The George Dean Johnson Building is approximately 59,000 gross square feet, was constructed in 2010 (14 years old), and is on +/- one acre which is on the corner of W. St. John St. and N. Liberty St. in downtown Spartanburg. The building predominantly houses the Business and Economics academic programs, which has over 500 students, faculty, and staff.

Financial Impact: The property is being offered by CPF Properties II, LLC for \$12,250,000. The due diligence activities will be funded from Other, Institutional Funds (uncommitted balance \$15.16 million at December 31, 2023). Revenue to this fund is generated from a variety of sources including tuition and fees and sales and services activities. The project is expected to result in a decrease of \$500,000 (years 1 thru 3), in annual operating expenditures. No student fees or tuition will be increased because of the project. A portion of tuition is designated for capital improvements, currently \$85 per student per semester, and has not increased for the academic years 2019-2020 to 2023-2024.

Full Project Estimate: \$12,270,000 (internal) funded by Institutional Funds.

5. Project: Spartanburg Community College  
 H59.6304: Cherokee Campus Hamricks Land Acquisition
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-20.39 acres referred to as the Peachoid property in Cherokee County.
- Included in CPIP: No – This property was not available at the time of the 2023 CPIP submission.
- CHE Approval: 02/06/24
- Supporting Details: Pages 81-92

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, College Plant				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

Rationale: Spartanburg Community College has its Cherokee County Campus in Gaffney, SC, within the boundaries of SC Hwy 11 and Peachoid Road. The property is just north of Peachoid Road on the far west end of the campus. The college desires to acquire the property to allow a future opportunity to expand the Cherokee Campus. Per the college, this vacant land, if acquired and developed by others, may not be as affordable to the state in the future.

Characteristics: The property is +/-20.39 acres and has no buildings located on the property. It is contiguous to the Spartanburg Community College Cherokee Campus and has good interstate visibility as well.

Financial Impact: The property is being offered by Hamricks, Inc. for \$1,376,000. The due diligence activities will be funded from Other, College Plant Funds (uncommitted balance \$3.22 million at February 5, 2024). Revenue to this fund derived from the excess of revenues over expenses accumulated over time for the purpose of funding capital projects and for meeting local matching requirements. The project is expected to result in an increase of \$3,200 (years 1 thru 3), in annual operating expenditures. No student fees or tuition will be increased because of the project. Currently, there is no portion of tuition designated for capital improvements.

Full Project Estimate: \$1,396,000 (internal) funded by College Plant Funds.



6. Project: Spartanburg Community College  
 H59.6305: Cherokee Campus Smith Land Acquisition
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-1.67 acres and a 6,148 square foot building in Cherokee County.
- Included in CPIP: Yes – 2023 CPIP Priority 1 of 4 in FY26 (this component estimated at \$1,161,000)
- CHE Approval: 02/06/24
- Supporting Details: Pages 93-104

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, College Plant				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

Rationale: Spartanburg Community College has its Cherokee County Campus in Gaffney, SC, within the boundaries of SC Hwy 11 and Peachoid Road. The property is just north of Peachoid Road to the south of the campus. The college desires to acquire the property to allow a future opportunity to expand the Cherokee Campus. Per the college, this land, if acquired and developed by others, may not be as affordable to the state in the future.

Characteristics: The property is +/-1.67 acres with a vacant 6,148 square foot building, formerly a Fatz Café. It is contiguous to the Spartanburg Community College Cherokee Campus and has good interstate visibility as well.

Financial Impact: The property is being offered by Gary and Margaret Smith for \$1,250,000. The due diligence activities will be funded from Other, College Plant Funds (uncommitted balance \$3.22 million at February 5, 2024). Revenue to this fund derived from the excess of revenues over expenses accumulated over time for the purpose of funding capital projects and for meeting local matching requirements. The project is expected to result in an increase of \$3,200 (years 1 thru 3), in annual operating expenditures. If acquired, the building on the property will be demolished. The estimated cost to complete the demolition will be \$70K and it will be funded using College Plant Funds. No student fees or tuition will be increased because of the project. Currently, there is no portion of tuition designated for capital improvements.

Full Project Estimate: \$1,270,000 (internal). The Final Land Acquisition will be funded by Appropriated State (nonrecurring), or College Plant Funds.

7. Project: Spartanburg Community College  
 H59.6306: Cherokee Campus Walker Land Acquisition
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-1.69 acres in Cherokee County.
- Included in CPIP: Yes – 2023 CPIP Priority 1 of 4 in FY26 (this component estimated at \$127,000)
- CHE Approval: 02/06/24
- Supporting Details: Pages 105-116

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, College Plant				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

Rationale: Spartanburg Community College has its Cherokee County Campus in Gaffney, SC, within the boundaries of SC Hwy 11 and Peachoid Road. The property is just north of Peachoid Road to the south of the campus. The college desires to acquire the property to allow a future opportunity to expand the Cherokee Campus. Per the college, this land, if acquired and developed by others, may not be as affordable to the state in the future.

Characteristics: The property is +/-1.69 acres and no buildings are located on the property. It is contiguous to the Spartanburg Community College Cherokee Campus and has good interstate visibility as well.

Financial Impact: The property is being offered by Walker Investors, LLC for \$500,000. The due diligence activities will be funded from Other, College Plant Funds (uncommitted balance \$3.22 million at February 5, 2024). Revenue to this fund derived from the excess of revenues over expenses accumulated over time for the purpose of funding capital projects and for meeting local matching requirements. The project is expected to result in an increase of \$3,200 (years 1 thru 3), in annual operating expenditures. If acquired, the building on the property will be demolished. The estimated cost to complete the demolition will be \$70K and it will be funded using College Plant Funds. No student fees or tuition will be increased because of the project. Currently, there is no portion of tuition designated for capital improvements.

Full Project Estimate: \$520,000 (internal). The Final Land Acquisition will be funded by Appropriated State (nonrecurring), or College Plant Funds.

8. Project: Trident Technical College  
 H59.6224: Berkeley Campus Renovation - Transportation and Logistics Center
- Request: Establish Phase II Full Construction Budget to re-purpose the main building on the Berkeley campus into a high-tech training facility.
- Included in CPIP: Yes – 2022 CPIP Priority 1 of 9 in FY24 (estimated at \$34,133,144)  
 Phase I Approval: November 2022 (estimated at \$34,133,144) (SFAA)  
 CHE Approval: 02/01/24  
 Supporting Details: Pages 117-148

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY22 Capital Reserve (24)				1,400,000	1,400,000
FY22 Appropriated State, Proviso 118.19 (B) (27) (u)				16,306,515	16,306,515
FY22 Appropriated State, Proviso 118.18 (B) (27) (v)	511,997		511,997	4,488,003	5,000,000
Appropriated State, FY23 Proviso 118.19 (B) (27) (x)				6,000,000	6,000,000
Other, Local				8,826,629	8,826,629
All Sources	<u>511,997</u>		<u>511,997</u>	<u>37,021,147</u>	<u>37,533,144</u>

Summary of Work: The project will renovate the entire 74,083 square foot building and add approximately 11,579 square foot of additional flex space. The renovations include an interior upfit for classroom and campus functions, new roof, mechanical, electrical, plumbing systems, and addition of a new fire protection system. Classroom and campus functions include general educational classrooms, a chemistry lab, high-bay vocational training classrooms, student commons, meeting and collaboration rooms, kitchen prep area, group restrooms, office and staff areas. New construction is limited to a new high-bay area for the Diesel Mechanics Program and a new flexible classroom and training space. The existing low slope ballasted roof system will be replaced with a low slope 60 mil PVC mechanically fastened roof system and will come with a minimum 20-year material and workmanship warranty.

Rationale: This economic development project addresses the challenge of providing transportation, distribution and logistics (supply chain) services to the region by accommodating the workforce needs of diverse employment sectors, per the college. This project will re-purpose the main building to serve the transportation and supply chain needs of existing and new industries within the logistics sector including transportation and air freight providers as well as warehouse and distribution centers. Additional high-bay training spaces and labs are required to help meet new industry demands and the growing manufacturing plants located nearby.

Facility Characteristics: The 74,083 square foot building was constructed in 1982 (42 years old). The existing roof was replaced in 2007 (17 years old) and is recommended for replacement. Some components of the HVAC equipment have been replaced over the years, but much of the current equipment is over 20 years old, beyond its useful life, and failing. Restrooms were renovated 8 years ago. The remaining components, including electrical and plumbing are

original to the building. The building is utilizing by 3,000+ students, 35 faculty and staff, and hundreds of clients annually.

**Financial Impact:** This phase of the project will be funded from FY22 Capital Reserve (uncommitted balance \$1.4 million at December 31, 2023), FY22 Appropriated State (nonrecurring) (uncommitted balance \$16.30 million at December 31, 2023), FY22 Appropriated State (nonrecurring) (uncommitted balance \$4.48 million at December 31, 2023), FY23 Appropriated State (nonrecurring) (uncommitted balance \$6 million at December 31, 2023), and Other, College Funds (uncommitted balance \$9.47 million at December 31, 2023). The project is expected to result in an increase of \$26,113 (year 1), \$26,897 (year 2), and \$27,704 (year 3) in annual operating expenditures. No student fees or tuition will be increased as a consequence of the project. A portion of tuition is designated for capital improvements, currently \$196 per student per semester, and has not increased from academic year 2019-2020. The renovations will be completed to comply with Two Green Globe certification standards with anticipated energy savings of \$1,309,929 over a 30-year period.

**Full Project Estimate:** \$37,533,144 funded by FY22 Capital Reserve, FY22 Appropriated State (nonrecurring), FY23 Appropriated State (nonrecurring), and College Funds. Contract execution is expected in January 2025 and completion of construction in August 2026.

9. Project: Department of Administration  
 D50.6144: Otarre Parkway Densification and Build Out
- Request: Establish Phase I Pre-Design Budget to densify and build-out support areas.
- Included in CPIP: No – The need for the project was unknown at the time of the 2023 CPIP submission.
- CHE Approval: N/A
- Supporting Details: Pages 149-156

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Depreciation Reserve				82,000	82,000
All Sources				<u>82,000</u>	<u>82,000</u>

- Summary of Work: The project will densify and build-out support areas.
- Rationale: The project will accommodate moving the Departments of Public Health, Mental Health, Disabilities and Special Needs, and Alcohol and other Drug Abuse Services to 400 Otarre Parkway in Cayce.
- Facility Characteristics: The 400 Otarre Parkway Building is 514,361 square feet and was constructed in 2010 (14 years old). The building will be occupied by the Departments of Public Health, Mental Health, Disabilities and Special Needs, and Alcohol and other Drug Abuse Services, which include approximately 1,760 staff and various annual visitors.
- Financial Impact: This phase of the project will be funded from Other, Depreciation Reserve Funds (uncommitted balance \$7.70 million at December 20, 2023). Revenues received are derived from the rent account, which receives rent charged to agencies. The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$5,486,750 (internal) funded by Depreciation Reserve Funds. This project is related to the moving of agencies off the Bull Street Corridor in response to Proviso 118.22 of the FY24 Appropriations Act. Due to time constraints, Admin is initially funding Phase 1 out of its Depreciation Reserve account to be reimbursed from funds being requested in the FY25 budget. A budget request has been submitted to fund that reimbursement as well as the construction from Appropriated State.

10. Project: Department of Administration  
 D50.6145: Calhoun Building – Replace Fan Coil Units (93)

Request: Establish Phase I Pre-Design Budget to replace obsolete fan coil units throughout the building.

Included in CPIP: Yes – 2023 CPIP Priority 21 of 38 (estimated at \$550,000)

CHE Approval: N/A

Supporting Details: Pages 157-164

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Depreciation Reserve				18,250	18,250
All Sources				<u>18,250</u>	<u>18,250</u>

Summary of Work: The project will replace all obsolete fan coil units, relevant piping, electrical, controls, and insulation.

Rationale: A number of the fan coil units within the building have exceeded their life expectancy, and parts for repairs and maintenance are difficult to source.

Facility Characteristics: The Calhoun Building is approximately 96,672 square feet and was constructed in 1926 (98 years old). On average, the fan coil units were installed in the 1970's and are approximately 50 years old. The building is utilized by approximately 190 South Carolina Judicial Branch staff and various annual visitors.

Financial Impact: The project will be funded from Other, Depreciation Reserve Funds (uncommitted balance \$7.70 million at December 20, 2023). Revenues received are derived from the rent account, which receives rent charged to agencies. The project is not expected to result in any change in annual operating expenditures. The Phase I amount is 3.30% of the estimated cost to complete the project, and the additional amount will be used for hazardous material testing.

Full Project Estimate: \$550,000 (internal) funded by Depreciation Reserve Funds.

11. Project: Department of Administration  
 D50.6146: Supreme Court Building – Replace Fan Coil Units (37)

Request: Establish Phase I Pre-Design Budget to replace obsolete fan coil units throughout the building.

Included in CPIP: Yes – 2023 CPIP Priority 22 of 38 (estimated at \$250,000)

CHE Approval: N/A

Supporting Details: Pages 165-172

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Depreciation Reserve				13,750	13,750
All Sources				<u>13,750</u>	<u>13,750</u>

Summary of Work: The project will replace all obsolete fan coil units, relevant piping, electrical, controls, and insulation.

Rationale: A number of the fan coil units within the building have exceeded their life expectancy, and parts for repairs and maintenance are difficult to source.

Facility Characteristics: The Supreme Court Building is approximately 51,006 square feet and was constructed in 1921 (103 years old). On average, the fan coil units were installed in the 1980's and are approximately 40 years old. The building is utilized by approximately 50 South Carolina Judicial Branch staff and various annual visitors.

Financial Impact: The project will be funded from Other, Depreciation Reserve Funds (uncommitted balance \$7.70 million at December 20, 2023). Revenues received are derived from the rent account, which receives rent charged to agencies. The project is not expected to result in any change in annual operating expenditures. The Phase I amount is 2.50% of the estimated cost to complete the project, and the additional amount will be used for hazardous material testing.

Full Project Estimate: \$250,000 (internal) funded by Depreciation Reserve Funds.

12. Project: Department of Administration  
 D50.6147: Wade Hampton Building - Subsurface Water Remediation Repairs  
 (Annualized)
- Request: Establish Phase I Pre-Design Budget for the repair/replacement of the exterior waterproofing.
- Included in CPIP: No – The project and funding were not identified until after submission of the 2023 CPIP.
- CHE Approval: N/A
- Supporting Details: Pages 173-182

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State				37,000	37,000
All Sources				<u>37,000</u>	<u>37,000</u>

Summary of Work: This will be an annualized project and will completed in two (2) annualized phases, to repair or replace the exterior waterproofing of the building basement and the underground pedestrian tunnel. The Phase I will complete all engineering and geo-technical work associated with both annualized phases of the project. Construction of the first annualized phase will address the pedestrian tunnel.

Rationale: The exterior subsurface waterproofing material for the building and pedestrian tunnel, has deteriorated, leading to water infiltration in the basement and the pedestrian tunnel. Both areas experience water infiltration in office spaces and common areas after rainfall events.

Facility Characteristics: The Wade Hampton Building is approximately 121,141 square feet and was constructed in 1938 (85 years old). The pedestrian tunnel is approximately 12,240 square feet and was constructed in 1970 (54 years old), The pedestrian tunnel is utilized by the Calhoun and Wade Hampton Buildings. The Calhoun Building is utilized by approximately 190 Judicial Branch personnel and the Wade Hampton Building is utilized by approximately 275 staff and various annual visitors of the Department of Administration, SC Commission on Prosecution, Judicial Branch, SC Commission for the Blind, Governor's Office, SC State Treasurer's Office, SC Comptroller General Office, SC Adjutant General's Office, and SC Department of Agriculture, and the State Fiscal Accountability Authority. The building is utilized by approximately 275 staff and various visitors daily.

Financial Impact: This phase of the project will be funded from FY24 Appropriated State Funds (uncommitted balance \$10 million at January 4, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$1,819,620 (internal) for this phase of the project funded by FY24 Appropriated State Funds. The estimated cost to complete both annualized phases is \$4,937,050, to be funded by Appropriated State and Depreciation Reserve Funds.



13. Project: Department of Administration  
 D50.6148: Window Replacement

Request: Establish Phase I Pre-Design Budget to replace the windows at the SC State Library.

Included in CPIP: Yes – 2023 CPIP Priority 12 of 38 in FY24 (estimated at \$1,000,000)

CHE Approval: N/A

Supporting Details: Pages 183-190

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State				25,000	25,000
All Sources				<u>25,000</u>	<u>25,000</u>

Summary of Work: This project will replace the windows.

Rationale: The windows are original to the buildings, past their useful life, and leaking in multiple areas.

Facility Characteristics: The SC State Library Building is approximately 62,260 square feet and was constructed in 1969 (55 years old). The State Library Building is utilized by approximately 45 staff and various annual visitors.

Financial Impact: The project will be funded from FY24 Appropriated State Funds (uncommitted balance \$10 million at January 4, 2024). The project is expected to result in additional annual operating cost savings, but the amount has not yet been determined.

Full Project Estimate: \$1,000,000 (internal) funded by FY24 Appropriated State Funds.

14. Project: Department of Administration  
 D50.6122: Columbia Mills - Flooding Remediation Repairs
- Request: Establish Phase II Full Construction Budget to replace damaged floor and wall finishes in the offices currently occupied by SCDHEC.
- Included in CPIP: Yes – 2023 CPIP Priority 36 of 38 in FY24 (estimated at \$664,154)  
 Phase I Approval: August 2023 (estimated at \$664,155) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 191-200

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Depreciation Reserve	10,678		10,678	652,517	663,195
All Sources	<u>10,678</u>		<u>10,678</u>	<u>652,517</u>	<u>663,195</u>

- Summary of Work: The project will replace flooring finishes and drywall on four floors of the building.
- Rationale: The floor and wall finishes suffered water damage as a result of the chilled water handler coil bursting.
- Facility Characteristics: The Columbia Mills Building is approximately 445,494 square feet and was constructed in 1893 (131 years old). The last renovation in the SCDHEC area of the building occurred in 1987 (37 years ago). Approximately 68,758 square feet of flooring will be replaced. Approximately 20,768 square feet of walls will be painted. This portion of the building is currently utilized by approximately 350 SCDHEC personnel and various visitors annually.
- Financial Impact: The project will be funded from Depreciation Reserve Fund (uncommitted balance \$7.70 million at December 20, 2023). Revenue to this fund is derived from the rent account, which receives rent charged to agencies. A claim was filed with the Internal Reserve Fund and a payment has been received for \$764,988.23. These funds have been added to the Depreciation Reserve account to fund this project. The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$663,195 funded by Depreciation Reserve Funds. Contract execution is expected in August 2024 and completion of construction in June 2025. The Department of Administration has filed a claim with the Insurance Reserve Fund and any funds received will be returned to the Depreciation Reserve account to offset these expenditures.

15. Project: Department of Administration  
 D50.6123: FM Energy Facility – Replace Boiler #2
- Request: Establish Phase II Full Construction Budget to replace boiler #2, located at 1121 College Street in Columbia.
- Included in CPIP: Yes – 2023 CPIP Priority 2 of 38 in FY24 (estimated at \$638,781)  
 Phase I Approval: October 2023 (estimated at \$638,781) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 201-210

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State	14,852		14,852	1,087,370	1,102,222
All Sources	<u>14,852</u>		<u>14,852</u>	<u>1,087,370</u>	<u>1,102,222</u>

- Summary of Work: The project will replace the boiler and associated piping, controls and electrical.
- Rationale: The boiler has exceeded its life expectancy and parts for repairs and maintenance are difficult to source. If the boiler were to fail, only one boiler would remain to provide heating to the entire Capitol Complex.
- Facility Characteristics: The FM Energy Facility is 18,572 gross square feet and serves approximately 1,124,751 gross square feet of buildings, which include the FM Energy Facility, SC State House, Gressette Building, Dennis Building, Blatt Building, Brown Building, Calhoun Building, Wade Hampton Building, SC Supreme Court Building, and the Sumter Street Building. The existing boiler being replaced was installed in 1964 (60 years old). Approximately 2,660 staff and various visitors utilize the Capital Complex.
- Financial Impact: The project will be funded from FY24 Appropriated State Funds (uncommitted balance \$10 million on January 4, 2024). The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$1,102,222 funded by FY24 Appropriated State Funds. Contract execution is expected in September 2024 and completion of construction in August 2025.

16. Project: Department of Administration  
 D50.6125: SC Archives and History Building – Replace 2 Boilers
- Request: Establish Phase II Full Construction Budget to replace two boilers in the building.
- Included in CPIP: Yes – 2023 CPIP Priority 9 of 38 in FY24 (estimated at \$665,000)
- Phase I Approval: October 2023 (estimated at \$665,000) (JBRC)
- CHE Approval: N/A
- Supporting Details: Pages 211-220

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State	12,975		12,975	650,981	663,956
All Sources	<u>12,975</u>		<u>12,975</u>	<u>650,981</u>	<u>663,956</u>

Summary of Work: The project will replace two boilers in the Archives and History Building.

Rationale: The boilers are original to the building, past their life expectancy, and continue to have operational issues. As the boilers continue to fail, it will be difficult to regulate the temperature in the building.

Facility Characteristics: The SC Archives and History Building is approximately 143,709 square feet and was constructed in 1997 (27 years old). The building is utilized by the SC Department of Archives and History, SC Department of Health and Environmental Control, and the SC Department of Education. The building is utilized by approximately 85 staff and various visitors daily.

Financial Impact: The project will be funded from FY24 Appropriated State Funds (uncommitted balance \$10 million at January 4, 2024). The project is expected to result in a decrease of \$24,790 (years 1 thru 3), in annual operating expenditures.

Full Project Estimate: \$663,956 funded by FY24 Appropriated State Funds. Contract execution is expected in August 2024 and completion of construction in June 2025.

17. Project: Department of Administration  
 D50.6126: SC Archives and History Building – Replace VAV Boxes

Request: Establish Phase II Full Construction Budget to replace VAV boxes in the building.

Included in CPIP: Yes – 2023 CPIP Priority 23 of 38 in FY24 (estimated at \$690,950)

Phase I Approval: October 2023 (estimated at \$690,950) (JBRC)

CHE Approval: N/A

Supporting Details: Pages 221-230

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State	10,365		10,365	675,567	685,932
All Sources	<u>10,365</u>		<u>10,365</u>	<u>675,557</u>	<u>685,932</u>

Summary of Work: The project will replace VAV boxes in the Archives and History Building.

Rationale: The VAV boxes are original to the building, past their life expectancy, are inefficient, and continue to have operational issues. As the boilers continue to fail, it will be difficult to regulate the temperature in the building.

Facility Characteristics: The SC Archives and History Building is approximately 143,709 square feet and was constructed in 1997 (27 years old). The building is utilized by the SC Department of Archives and History, SC Department of Health and Environmental Control, and the SC Department of Education. The building is utilized by approximately 85 staff and various visitors daily.

Financial Impact: This phase of the project will be funded from FY24 Appropriated State Funds (uncommitted balance \$10 million on January 4, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$685,932 funded by FY24 Appropriated State Funds. Contract execution is expected in August 2024 and completion of construction in June 2025.

18. Project: Department of Administration  
 D50.6128: SC State Library – Electrical Distribution System
- Request: Establish Phase II Full Construction Budget to replace the electrical distribution equipment in the building.
- Included in CPIP: Yes – 2023 CPIP Priority 7 of 38 in FY24 (estimated at \$375,000)  
 Phase I Approval: October 2023 (estimated at \$375,000) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 231-240

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State	7,775		7,775	446,147	453,922
All Sources	<u>7,775</u>		<u>7,775</u>	<u>446,147</u>	<u>453,922</u>

- Summary of Work: The project will replace the electrical distribution equipment. This includes all original electrical boards and panels, dry-type transformers, and associated feeder wiring.
- Rationale: The equipment is original to the building, has exceeded its life expectancy, and parts for repairs and maintenance are difficult to source.
- Facility Characteristics: The SC State Library is approximately 60,494 square feet and was constructed in 1969 (55 years old). The building is utilized by approximately 45 SC State Library staff and various visitors daily.
- Financial Impact: The project will be funded from FY24 Appropriated State Funds (uncommitted balance \$10 million on January 4, 2024). The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$453,922 funded by FY24 Appropriated State Funds. Contract execution is expected in November 2024 and completion of construction in December 2025.

19. Project: Department of Administration  
 D50.6133: Dennis Building – Replace 2 Rooftop Air Handlers
- Request: Establish Phase II Full Construction Budget to replace two rooftop air handling units.
- Included in CPIP: Yes – 2023 CPIP Priority 20 of 38 in FY24 (estimated at \$1,600,000)
- Phase I Approval: December 2023 (estimated at \$1,600,000) (SFAA)
- CHE Approval: N/A
- Supporting Details: Pages 241-250

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Depreciation Reserve	24,000		24,000	1,741,534	1,765,534
All Sources	<u>24,000</u>		<u>24,000</u>	<u>1,741,534</u>	<u>1,765,534</u>

- Summary of Work: The project will replace two rooftop air handling units for the Dennis Building.
- Rationale: The air handling units are approximately 45 years old, have exceeded their life expectancy, require frequent repairs, and maintenance parts are difficult to source. Failure of the air handlers would result in a loss of conditioned air to the building.
- Facility Characteristics: The Dennis Building is approximately 247,573 gross square feet and was constructed in 1950 (74 years old). The rooftop air handlers were installed in 1978 (46 years old). The building is utilized by Attorney General, Commission for the Blind, Department of Natural Resources, Department of Revenue and Fiscal Affairs, and Legislative Council. The building is utilized by 750 employees and visitors daily.
- Financial Impact: The project will be funded from Depreciation Reserve Funds (uncommitted balance \$7.70 million on December 20, 2023). Revenues received are derived from the rent account, which receives rent charged to agencies. The project is expected to result in a decrease of \$3,719 (years 1 thru 3), in annual operating expenditures.
- Full Project Estimate: \$1,765,534 funded by Depreciation Reserve Funds. Contract execution is expected in September 2024 and completion of construction in June 2026.

20. Project:	Department of Administration D50.6097: Brown Building - SCALC Suite 224 & 325 Interior Renovations
Request:	Change Source of Funds and increase Phase II Full Construction Budget cover higher than anticipated bid costs to renovate office suites 224 and 325 of the South Carolina Administrative Law Court.
Included in CPIP:	No – The need for the increase was unknown at the time of the 2023 CPIP submission.
Phase I Approval:	June 2022 (estimated at \$412,081 (JBRC)
Phase I Increase Approval:	October 2022 (estimated at \$498,115 (JBRC)
Phase II Approval:	December 2022 (estimated at \$626,842) (JBRC)
CHE Approval:	N/A
Supporting Details:	Pages 251-262

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, FY22 SCALC Appropriated State, Proviso 118.18 (B)(62)(b)	6,181	32,209	38,390		38,390
Other, FY22 SCALC Appropriated State, Carryforward		260,381	260,381		260,381
Other, FY23 SCALC Appropriated State, Proviso 118.19 (B)(49)(b)		328,071	328,071		328,071
Other, FY24 SCALC Appropriated State, Proviso 118.19 (B)(43(a)				92,905	92,905
Other, Depreciation Reserve				107,460	107,460
All Sources	<u>6,181</u>	<u>620,661</u>	<u>626,842</u>	<u>200,365</u>	<u>827,207</u>

**Summary of Work:** The project includes demolishing existing flooring and abatement of hazardous materials, as required, replacing the flooring, installing new floor base, and painting all the walls and doors in Suite(s) 224 and 325. Additionally, the project includes the subdivision of open spaces to create new office spaces and the construction of walls and installation of new doors. In addition, new kitchen fixtures will be installed in the staff break area.

**Rationale:** Due to market conditions and the need to abate additional unknown hazardous materials, bids came in over the construction estimate. The flooring is worn out and stained. The wallpaper is stained and falling off the wall. The installation of new carpet and painting the walls will contribute to improved aesthetics for staff and the public that visit the agency.

**Facility Characteristics:** The Brown Building is approximately 156,182 square feet and was constructed in 1976 (46 years old). Suite 224 being renovated is approximately 8,083 square feet and Suite 325 being renovated is approximately 4,943 square feet. The renovated space will be utilized by approximately 76 SC Administrative Law Court staff members and various visitors each year.

**Financial Impact:** This phase of the project will be funded from FY24 SC Administrative Law Court Appropriated State, Proviso 118.19 (nonrecurring) (uncommitted balance \$92,905 at



December 20, 2023), and Other, Depreciation Reserve Funds (uncommitted balance \$7.70 million at December 20, 2023). Revenues received are derived from the rent account, which receives rent charged to agencies. The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$827,207 funded by FY22, FY23 & FY24 SC Administrative Law Court Appropriated State (nonrecurring) Funds, FY22 SC Administrative Law Court Carryforward Funds and Depreciation Reserve Funds. Contract execution is expected in March 2024 and completion of construction in December 2024.

21. Project: Department of Administration  
D50.6107: Install Front Entrance ADA Ramp
- Request: Increase Phase II Full Construction Budget to cover higher than anticipated bid costs to install an ADA Ramp at the front entrance of the Supreme Court Building.
- Included in CPIP: No – The need for the increase was unknown at the time of the 2023 CPIP submission.
- CHE Approval: N/A
- Supporting Details: Pages 263-270

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY23 Appropriated State		180,000	180,000		180,000
Other, Depreciation Reserve	3,900	16,100	20,000	155,000	175,000
All Sources	<u>3,900</u>	<u>196,100</u>	<u>200,000</u>	<u>155,000</u>	<u>355,000</u>

- Summary of Work: The project will install an ADA Ramp at the front entrance for use by the general public.
- Rationale: Recent improvements to the Supreme Court parking lot included securing the parking lot with access control gates to provide increased security to the Judicial Branch Staff, which prevents the general public from using the ramp located in the parking lot. Installation of an ADA ramp at the front entrance of the Supreme Court Building will ensure the facility entrance is ADA compliant and will ensure that all visitors to the facility can be properly screened by BPS Officers at the front entrance.
- Facility Characteristics: The Supreme Court Building is approximately 51,006 square feet and was constructed in 1921 (103 years old). The building houses approximately 50 Judicial staff and receives approximately 5,800 visitors a year.
- Financial Impact: This phase of the project will be funded from Other, Depreciation Reserve Funds (uncommitted balance \$7.70 million at December 20, 2023). Revenues received are derived from the rent account, which receives rent charged to agencies. The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$355,000 funded by FY23 Appropriated State (nonrecurring) and Depreciation Reserve Funds. Contract execution is expected in March 2024 and completion of construction in June 2024.

22. Project: Vocational Rehabilitation Department  
 H73.9625: Conway VR Center Reroofing

Request: Establish Phase II Full Construction Budget to remove and replace the roof on the building.

Included in CPIP: Yes – 2023 CPIP Priority 3 of 3 in FY24 (estimated at \$540,000)

Phase I Approval: September 2023 (estimated at \$540,000) (Admin)

CHE Approval: N/A

Supporting Details: Pages 271-282

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY23 Appropriated State, Proviso 118.19 (B)(32)(d)	15,000		15,000	525,000	540,000
Federal, Vocational Rehabilitation Services Grant				331,751	331,751
All Sources	<u>15,000</u>		<u>15,000</u>	<u>856,751</u>	<u>871,751</u>

Summary of Work: The project will remove and replace the 4-ply built-up gravel roofing system with a new two-ply smooth granular surfaced modified bitumen roofing system, to include associated flashings and metal work. The new roof will come with the required minimum 20-year material and workmanship warranty.

Rationale: The existing roof is a 15-year roof system and is past its life expectancy. Numerous leaks have been repaired to the roof; however, the size of the leaks and frequency of the leaks are increasing.

Facility Characteristics: The Conway Vocational Rehabilitation (VR) Center is 23,500 square feet and was constructed in 1978 (46 years old). The existing roof was installed in 1990 (34 years old). This VR center provides services to individuals with a wide range of disabilities. The facility is utilized by 20 staff and 20 to 30 consumers daily.

Financial Impact: This phase of the project will be funded from FY23 Appropriated State Funds (non-recurring) (uncommitted balance \$525K at January 16, 2024), and Federal, Vocational Rehabilitation Services Grant Funds (uncommitted balance \$332K at January 16, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$871,751 funded by FY23 Appropriated State (nonrecurring) and Vocational Rehabilitation Services Grant Funds. Contract execution is expected in April 2024 and completion of construction in October 2024.

23. Project: Vocational Rehabilitation Department  
 H73.9626: Rock Hill VR Center Reroofing

Request: Establish Phase II Full Construction Budget to remove and replace the roof on the building.

Included in CPIP: Yes – 2023 CPIP Priority 2 of 3 in FY24 (estimated at \$604,000)

Phase I Approval: September 2023 (estimated at \$604,000) (Admin)

CHE Approval: N/A

Supporting Details: Pages 283-298

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY23 Appropriated State, Proviso 118.19 (B)(32)(e)	15,000		15,000	589,000	604,000
Other, FY17 Capital Reserve (43) (FY24 Proviso 32.5)				101,800	101,800
Other, FY17 Capital Reserve (44) (FY24 Proviso 32.5)				106,800	106,800
Other, FY20 Appropriated State, Proviso 118.16 (B)(46) (FY24 Proviso 32.5)				211,509	211,509
All Sources	<u>15,000</u>		<u>15,000</u>	<u>1,009,109</u>	<u>1,024,109</u>

Summary of Work: The project will remove and replace the 4-ply built-up gravel roofing system with a new two-ply smooth granular surfaced modified bitumen roofing system, to include associated flashings and metal work. The new roof will come with the required minimum 20-year material and workmanship warranty.

Rationale: The existing roof is a 10-year roof system and is past its life expectancy. Numerous leaks have been repaired to the roof; however, the size of the leaks and frequency of the leaks are increasing.

Facility Characteristics: The Rock Hill Vocational Rehabilitation (VR) Center is 26,700 square feet and was constructed in 1989 (35 years old). The existing roof is original to the building. This VR center provides services to individuals with a wide range of disabilities. The facility is utilized by 25 staff and 20 to 30 consumers daily.

Financial Impact: This phase of the project will be funded from FY23 Appropriated State (non-recurring) Funds (uncommitted balance \$589K at January 16, 2024), Other, FY17 Capital Reserve (related to Proviso 32.5) (uncommitted balance \$209K at January 16, 2024), Other, FY20 Appropriated State (nonrecurring) (related to Proviso 32.5) (uncommitted balance \$212K at January 16, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$1,024,109 funded by FY17 Capital Reserve, FY20 Appropriated State (nonrecurring), and FY23 Appropriated State (nonrecurring) Funds. Contract execution is expected in April 2024 and completion of construction in October 2024.

24. Project: Department of Mental Health  
 J12.9862: Campbell Cooling Tower Replacement

Request: Establish Phase I Pre-Design Budget to replace two cooling towers at the nursing home.

Included in CPIP: Yes – 2023 CPIP Priority 28 of 33 in FY24 (estimated at \$450,000)

CHE Approval: N/A

Supporting Details: Pages 299-306

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Capital Improvement & Maintenance				6,750	6,750
All Sources				<u>6,750</u>	<u>6,750</u>

Summary of Work: The project will replace the two cooling towers, pumps, valves, and controls.

Rationale: The existing cooling towers have exceeded their useful life, are starting to have problems, and are slowly requiring more service to keep them operational.

Facility Characteristics: The Richard M. Campbell Veterans Nursing Home in Anderson County is 92,210 square feet and was constructed in 1991 (33 years old). The cooling towers were installed in 2003 (21 years old). The cooling towers serve the two chillers that provide chilled water to the Harris Psychiatric Hospital in Anderson, which is +/- .25 miles away from this nursing home. The nursing home houses 218 VA long-term nursing residents and 250 staff and support personnel.

Financial Impact: The project will be funded from Capital Improvement & Maintenance Funds (uncommitted balance \$18.96 million at February 9, 2024). Revenue to this fund is authorized by Proviso 35.7 (Act 97 of 2017) permitting deposit of amounts appropriated for deferred maintenance and other one-time funds from any source into an interest-bearing fund held by the State Treasurer for, among other purposes and subject to required approvals, capital projects and ordinary repair and maintenance. The project is expected to result in a decrease of \$250 (year 1), and \$1,000 (years 2 thru 3), in annual operating expenditures.

Full Project Estimate: \$450,000 (internal) funded by Capital Improvement & Maintenance Funds.

25. Project: Department of Mental Health  
 J12.9863: Columbia Area MHC Sprinkler Replacement
- Request: Establish Phase I Pre-Design Budget to replace the fire sprinkler system in the Columbia Area Mental Health Building 200.
- Included in CPIP: Yes – 2023 CPIP Priority 19 of 33 in FY24 (estimated at \$500,000)
- CHE Approval: N/A
- Supporting Details: Pages 307-314

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Capital Improvement & Maintenance				7,500	7,500
All Sources				<u>7,500</u>	<u>7,500</u>

Summary of Work: The project will replace the fire sprinkler system.

Rationale: The existing sprinkler system is a wet system and there have been multiple leaks. While the life expectancy of a wet fire sprinkler system is 40 years, it is not unusual for wet fire sprinkler systems to start failing at 15-20 years, per the agency. This system is 14 years old and has suffered multiple sprinkler leaks the past few years, some requiring Insurance Reserve Fund submissions to repair and is why it is desired to replace the system before a line ruptures and causes water damage to the building. The failures are attributed to poor installation and bad pipes. The system is inspected annually and maintained, but the system is still continuing to fail.

Facility Characteristics: The Columbia Area Mental Health Building 200 is 28,215 square feet and was constructed in 2010 (14 years old). The sprinkler system is original to the building. The building houses the Mental Health Administrative, Treatment, and Therapy Programs, and is utilized by 109 staff, and serves the mental health needs for over 6,000 clients in the area each year.

Financial Impact: The project will be funded from Capital Improvement & Maintenance Funds (uncommitted balance \$18.96 million at February 9, 2024). Revenue to this fund is authorized by Proviso 35.7 (Act 97 of 2017) permitting deposit of amounts appropriated for deferred maintenance and other one-time funds from any source into an interest-bearing fund held by the State Treasurer for, among other purposes and subject to required approvals, capital projects and ordinary repair and maintenance. The project is expected to result in a decrease of \$500 (year 1), and \$2,000 (years 2 thru 3), in annual operating expenditures.

Full Project Estimate: \$500,000 (internal) funded by Capital Improvement & Maintenance Funds.

26. Project: Department of Mental Health  
 J12.9864: Harris Life Safety Improvements

Request: Establish Phase I Pre-Design Budget to identify and fix building life safety issues at the Patrick B. Harris Psychiatric Hospital.

Included in CPIP: Yes – 2023 CPIP Priority 13 of 33 in FY24 (estimated at \$350,000)

CHE Approval: N/A

Supporting Details: Pages 315-322

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Capital Improvement & Maintenance				5,250	5,250
All Sources				<u>5,250</u>	<u>5,250</u>

Summary of Work: The project will identify and correct life safety issues in the building.

Rationale: The There have been multiple renovation projects in the hospital since it was constructed. It has been found that fire/smoke wall penetrations have not been sealed correctly. It was identified during a major renovation that during the original construction, some life safety building components were either not completed correction, or not built at all.

Facility Characteristics: The Patrick B. Harris Psychiatric Hospital in Anderson County is 162,310 square feet and was constructed in 1985 (39 years old). The building is an inpatient psychiatric hospital that is utilized by 26 students, 250 staff, and 98 patients.

Financial Impact: The project will be funded from Capital Improvement & Maintenance Funds (uncommitted balance \$18.96 million at February 9, 2024). Revenue to this fund is authorized by Proviso 35.7 (Act 97 of 2017) permitting deposit of amounts appropriated for deferred maintenance and other one-time funds from any source into an interest-bearing fund held by the State Treasurer for, among other purposes and subject to required approvals, capital projects and ordinary repair and maintenance. The project is not expected to result any change in annual operating expenditures.

Full Project Estimate: \$350,000 (internal) funded by Capital Improvement & Maintenance Funds.

27. Project: Department of Mental Health  
 J12.9843: Pee Dee MHC Roof and Building Envelope Improvements

Request: Establish Phase II Full Construction Budget to repair deficiencies with the roof and building envelope.

Included in CPIP: Yes – 2023 CPIP Priority 8 of 33 in FY24 (estimated at \$550,000)  
 Phase I Approval: March 2023 (estimated at \$550,000) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 323-336

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Capital Improvement & Maintenance	8,325		8,325	541,675	550,000
All Sources	<u>8,325</u>		<u>8,325</u>	<u>541,675</u>	<u>550,000</u>

Summary of Work: The project will complete the following: seal all hip and valleys, seal all smoke evacuation units, replace pipe penetrations, replace non-gasketed rusted fasteners with gasketed fasteners, rivet and install sealant at open/damaged corners of equipment curbs, re-secure locations where fasteners have backed out of metal roof surface and install fasteners at missing fastener locations, seam and/or repair all metal roof panel standing seams that were observed to be open/partially open or twisted due to deficient mechanical seaming, install sealant at all brick to metal apron flashing roof transitions, replace perimeter window, louver, HVAC vent sealant on all elevations due to deterioration, repair deteriorated corner sealant and mortar at exterior brick pilasters, install sealant around all brick and EIFS façade penetrations, repair/seal all cracks in the EIFS system, tie in vapor barrier at concealed conditions at ceiling/wall/soffit and at window/wall transitions, insulation above ceiling will need to be replaced where missing or damaged. A contractor's 5-year material and labor warranty will come with the repairs.

Rationale: The roof is original to the building and has experienced multiple water intrusions from penetrations such as smoke evacuation system, exhaust vents, pipes, etc. in the roofing system. High levels of moisture have been observed in the building due to outside air leakage into the building.

Facility Characteristics: The Pee Dee Mental Health Clinic is 36,572 square feet and was constructed in 2001 (23 years old). The facility has 100 staff members sees an average of 3,920 patients a month.

Financial Impact: The project will be funded from Capital Improvement & Maintenance Funds (uncommitted balance \$18.96 million at February 9, 2024). Revenue to this fund is authorized by Proviso 35.7 (Act 97 of 2017) permitting deposit of amounts appropriated for deferred maintenance and other one-time funds from any source into an interest-bearing fund held by the State Treasurer for, among other purposes and subject to required approvals, capital projects and ordinary repair and maintenance. The project is expected to result in a decrease of \$500 (year 1), and \$1,000 (years 2 thru 3), in annual operating expenditures.

Full Project Estimate: \$550,000 (internal) funded by Capital Improvement & Maintenance Funds. Contract execution is expected in July 2024 and completion of construction in December 2024.



28. Project: Department of Mental Health  
 J12.9807: Coastal Empire Community MHC HVAC, Sprinkler System, and Fire Alarm Replacement
- Request: Increase Phase II Full Construction Budget to cover higher than anticipated bid costs to replace HVAC, sprinkler system and fire alarm system at the Coastal Empire Mental Health Center in Beaufort.
- Included in CPIP: No – The need for the increase was unknown at the time of the 2023 CPIP submission.
- Phase I Approval: December 2021 (estimated at \$1,600,000) (SFAA)
- Phase II Approval: November 2022 (estimated at \$1,600,000) (SFAA)
- CHE Approval: N/A
- Supporting Details: Pages 337-346

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Capital Improvement & Maintenance	24,000	1,576,000	1,600,000	485,612	2,085,612
All Sources	<u>24,000</u>	<u>1,576,000</u>	<u>1,600,000</u>	<u>485,612</u>	<u>2,085,612</u>

Summary of Work: The mental health center is conditioned by 15 split system heat pumps consisting of outdoor condensing units and indoor air handling units. The indoor units in the attic will also be replaced, and includes all ducting, dampers, refrigerant lines, and reconfiguring the mountings to allow proper maintenance access. The fire alarm system will be upgraded, and the fire sprinkler system will be replaced.

Rationale: The HVAC system is well past its useful life. The existing fire sprinkler system has experienced multiple leaks over the last several years. The fire alarm system needs to be upgraded due to age and parts availability.

Facility Characteristics: The Coastal Empire Mental Health Center is 16,766 square feet and was constructed in 1995 (29 years old). All the building components are original to the building. The facility has 45 staff and serves 26 patients per day and provides an average of 83 services per day during normal business hours.

Financial Impact: The project will be funded from Capital Improvement & Maintenance Funds (uncommitted balance \$18.96 million at February 9, 2024). Revenue to this fund is authorized by Proviso 35.7 (Act 97 of 2017) permitting deposit of amounts appropriated for deferred maintenance and other one-time funds from any source into an interest-bearing fund held by the State Treasurer for, among other purposes and subject to required approvals, capital projects and ordinary repair and maintenance. The project is expected to result in a decrease of \$1,500 (year 1), and \$2,500 (years 2 and 3) in annual operating expenses.

Full Project Estimate: \$2,085,612 funded by Capital Improvement & Maintenance Funds. Contract execution is expected in March 2024 and completion of construction in February 2025.

29. Project: Department of Mental Health  
J12.9855: MV Cottage 5 Crisis Stabilization Unit
- Request: Increase Phase II Full Construction Budget to cover higher than anticipated bid costs for the conversion of the Morris Village Cottage 5 to a Crisis Stabilization Unit.
- Included in CPIP: Yes – 2023 CPIP Priority 15 of 33 in FY24 (estimated at \$500,000)
- Phase II Approval: August 2023 (estimated at \$196,000) (Admin)
- CHE Approval: N/A
- Supporting Details: Pages 347-366

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, FY22 Appropriated State, Proviso 118.18 (B)(30)(g) (FY23 Proviso 35.7)	196,000		196,000		196,000
Other, FY22 Appropriated State, Proviso 118.18 (B)(30)(g) (FY24 Proviso 35.6)				235,397	235,397
All Sources	<u>196,000</u>		<u>196,000</u>	<u>235,397</u>	<u>431,397</u>

Summary of Work: The project will convert the Morris Village Cottage 5 into a 9-bed Crisis Stabilization Unit. The construction work will include configuring new walls, doors, ADA compliant bathrooms, interior finishes such as paint, flooring, and tile. Mechanical, electrical, and plumbing work will include fire sprinkler and alarm relocation, HVAC ductwork relocation, and new lighting. Exterior work will include modifying existing fencing and gates with card key access, and ADA parking spaces with signage.

Rationale: The project will provide crisis services to residents of Richland, Lexington, and Fairfield Counties. It will be a short-term placement option with the intention of improving the client's level of functioning with plans for them to return to their prior living situation within 3-5 weeks of admission.

Facility Characteristics: Columbia Area Mental Health Center (CAMHC)-Midlands Crisis Stabilization Center (MCSC) is 2,531 square feet and was constructed in 1975 (49 years old). The MCSC will provide crisis services to Richland, Lexington, and Fairfield Counties residents. The cottage can house up to 9 patients and 4 staff.

Financial Impact: The project will be funded from FY22 Appropriated State (nonrecurring) Funds (uncommitted balance \$666K at February 5, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$431,397 funded by FY22 Appropriated State Funds (non-recurring). Contract execution is expected in March 2024 and completion of construction in June 2024.

30. Project: Department of Public Safety  
 K05.9620: SCDMV Building C – Bathroom Fixture Replacement

Request: Establish Phase I Pre-Design Budget to replace bathroom fixtures.

Included in CPIP: Yes – 2023 CPIP Priority 3 of 3 in FY24 (estimated at \$350,000)

CHE Approval: N/A

Supporting Details: Pages 367-376

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, DPS Building				7,500	7,500
All Sources				<u>7,500</u>	<u>7,500</u>

Summary of Work: The project will replace 110-bathroom fixtures (toilets, urinals, and sinks) on all 5 floors of the Blythewood complex building.

Rationale: The existing fixtures have had numerous repairs and breakdowns over the years and need to be replaced along with the existing counters. The fixtures have exceeded their anticipated life expectancy.

Facility Characteristics: The Blythewood Complex building bathrooms total approximately 2,690 square feet and the building was constructed in 1995 (29 years old). The existing fixtures are original to the building. The building is utilized by approximately 795 employees and approximately 1,150 visitors a month.

Financial Impact: The project will be funded from Other, DPS Building Funds (uncommitted balance \$3.52 million at November 30, 2023. Revenue received is from the late penalty fee on vehicle registrations. This money is collected by the Department of Motor Vehicles and transferred to DPS. The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$350,000 (internal) funded by DPS Building Funds.

31. Project: Governor's School of Agriculture at John De La Howe  
 L12.9526: Greenhouse

Request: Increase Phase II Full Construction Budget to cover higher than anticipated bid costs to construct a greenhouse.

Included in CPIP: No – The need for the increase was unknown at the time of the 2023 CPIP submission.  
 Phase I Approval: October 2022 (estimated at \$250,000) (JBRC)  
 Phase II Approval: March 2023 (estimated at \$250,000) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 377-388

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY23 Appropriated State, Proviso 118.19 (7) (d)	3,750	221,250	225,000		225,000
Other, AgFirst Donation		25,000	25,000		25,000
Other, Timber				174,900	174,900
All Sources	<u>3,750</u>	<u>246,250</u>	<u>250,000</u>	<u>174,900</u>	<u>424,900</u>

Summary of Work: The project will construct a 40' x 72' building, that will be out of double wall polycarbonate panels. The greenhouse will be cooled by exhaust fans and heated by propane heaters. LED light fixtures will be used throughout the building.

Rationale: Horticulture is a critical part of the agriculture business. One of the school's long-term goals is to be sixty (60) percent self-sustainable. The current greenhouse is old and dilapidated and will not meet the future goals of the school. This new facility will allow the students and staff to use the latest technology to grow, harvest, and consume plants and vegetables throughout the year.

Facility Characteristics: The greenhouse to be constructed will be 2,878 square feet. The greenhouse will be designed to be eco-friendly. It will include LED lighting and water saving systems. All stations will be on a 24-hour monitoring system. The greenhouse will be utilized by approximately 60 students and faculty during the school year.

Financial Impact: This phase of the project will be funded Other, John De La Howe Timber Account Funds (uncommitted balance \$193K at February 14, 2024). Revenue to this account is generated from cutting timber on their campus. The project is expected to result in an increase of \$5,000 (years 1 thru 3), in annual operating expenditures.

Full Project Estimate: \$424,900 funded by FY23 Appropriated State (nonrecurring), AgFirst Donation, and Timber Account Funds. Contract execution is expected in April 2024 and completion of construction in August 2024.

32. Project: Department of Corrections  
 N04.9797: AE Design Container Farm Vertical Roots - Camille

Request: Establish Phase II Full Construction Budget to purchase and install portable structures.

Included in CPIP: Yes – 2023 CPIP Priority 12 of 14 in FY24 (estimated at \$350,000)

Phase I Approval: October 2023 (estimated at \$1,200,000) (SFAA)

CHE Approval: N/A

Supporting Details: Pages 389-400

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Appropriated State, Operating	18,000		18,000		18,000
Other, Canteen Revenue				416,316	416,316
Other, Equipment Donation				850,000	850,000
All Sources	<u>18,000</u>		<u>18,000</u>	<u>1,266,316</u>	<u>1,284,316</u>

Summary of Work: The project will purchase and install six (6) portable structures. These structures will be utilized under the supervision of the Agriculture Division of Operations to produce fresh leaf greens.

Rationale: The fresh leaf greens produced will offset the food cost to the agency.

Facility Characteristics: The six (6) portable structures will total 2,688 square feet and will be located at Camille Correctional Institution. SCDC feeds 16,000 inmates daily, procuring its leafy green vegetables from an outside vendor. The Agriculture Division of Operations

Financial Impact: This phase of the project will be funded from Other, Canteen Revenue (uncommitted balance \$5.10 million at January 10, 2024), and Other, Holland Family Charitable Fund of Coastal Community Foundation Donation (donation of \$850K in equipment). The project is expected to result in an increase of \$3,000 (year 1), and \$8,500 (years 2 thru 3), in annual operating expenditures.

Full Project Estimate: \$1,284,316 funded by Appropriated State, Operating, Canteen Revenue and Equipment Donation. Contract execution is expected in May 2024 and completion of construction in October 2024.

33. Project: Department of Corrections  
 N04.9798: Food Processing Plant Install Boiler

Request: Establish Phase II Full Construction Budget to purchase and install a new boiler at the food service warehouse.

Included in CPIP: Yes – 2023 CPIP Priority 11 of 14 in FY24 (estimated at \$400,000)  
 Phase I Approval: October 2023 (estimated at \$400,000) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 401-410

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Canteen Revenue	6,000		6,000	394,000	400,000
All Sources	<u>6,000</u>		<u>6,000</u>	<u>394,000</u>	<u>400,000</u>

Summary of Work: The project will purchase and install a new steam boiler which will cover approximately 50 square feet of floor space in the mechanical room. The work will be accomplished by a mechanical/electrical contractor.

Rationale: This boiler is used for the purpose of food processing and packaging for the agency's institutions.

Facility Characteristics: The existing boiler in the food service warehouse was installed in 1998 (26 years old). The warehouse is utilized by 5 staff and 20 inmates. The warehouse is used for packaging the vegetables from the SCDC farm that SCDC inmates consume.

Financial Impact: The project will be funded from Canteen Revenue Funds (uncommitted balance \$5.10 million on January 10, 2024). Revenue to the Canteen Fund is derived wholly from the canteen operations within the Department of Corrections on behalf of the inmate population, which may be retained and expended by the department for the continuation of the operation of said canteens and the welfare of the inmate population or, at the discretion of the Director, used to supplement costs of operations. The project is expected to result in an increase of \$56,000 (year 2), and \$83,000 (year 3), in annual operating expenditures.

Full Project Estimate: \$400,000 funded by Canteen Revenue Funds. Contract execution is expected in June 2024 and completion of construction in April 2025.

34. Project: Department of Juvenile Justice  
N12.9627: Parking Expansion for Security Needs
- Request: Increase Phase II Full Construction Budget to cover the cost to remove and replace the bad fill of the existing parking lot in the project to construct a new asphalt parking lot at the Broad River Road Campus.
- Included in CPIP: No – The need for the increase was unknown at the time of the 2023 CPIP submission.
- Phase I Approval: February 2023 (estimated at \$605,000) (JBRC)
- Phase II Approval: May 2023 (estimated at \$700,000) (Admin)
- CHE Approval: N/A
- Supporting Details: Pages 411-422

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Appropriated State, FY22 Carryforward	29,370	670,630	700,000		700,000
Appropriated State, FY23 Carryforward		250,000			250,000
Appropriated State, FY24 Operating (FY24 Proviso 67.15)				150,000	150,000
All Sources	<u>29,370</u>	<u>920,630</u>	<u>950,000</u>	<u>150,000</u>	<u>1,100,000</u>

Summary of Work: The project will construct a new asphalt parking lot to include the existing parking lot and expansion towards Broad River Road. An area across the entrance road from the existing parking will also be considered as an area for expansion of the parking lot. This increase will allow for the removal and replacement of the bad fill with a suitable material.

Rationale: During proof rolling in anticipation of laying the base for the asphalt, it was discovered that the fill under the current parking lot is not sufficient and must be replaced to ensure that the asphalt will be durable and not develop potholes and other defects. This project is an agency priority as it will allow staff to park outside the security fence, which will increase security and decrease liability. Additionally, due to the planned increase of administrative and non-direct care staff, more vehicles are projected to use the existing parking spaces, which will require an increased capacity for personal and state vehicles.

Facility Characteristics: The new parking lot will accommodate approximately 300 vehicles located in front of the Community Connections Center (CCC) building. Approximately 300 staff and 50 visitors will utilize the new parking area on a daily basis.

Financial Impact: This phase of the project will be funded from Appropriated State, FY24 Operating Funds (uncommitted balance \$69.88 million at February 26, 2024). Proviso 67.15 allows the South Carolina Department of Juvenile Justice (DJJ) the flexibility to use the agency's cash and carry forward balances for operating and/or capital needs in specific categories outlined in the Proviso. The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$1,100,000 funded by Appropriated State, FY22 & FY23 Carryforward, and FY24 Operating Funds. Construction completion is anticipated in 2024.

35. Project: Department of Natural Resources  
 P24.6043: Georgetown - Santee Delta WMA East & West Dike Renovation
- Request: Change Source of Funds to remove Appropriated State (nonrecurring) Funds and add NAWCA Match Funds for the repair and restoration of the dike system for 1,180 acres of managed predominately palustrine emergent wetlands on Santee Delta (East and West sides) Wildlife Management Area (WMA) in Georgetown County.
- Phase II Approval: November 2021 (estimated at \$3,050,163) (JBRC Staff)
- Included in CPIP: N/A
- CHE Approval: N/A
- Supporting Details: Pages 423-436

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Appropriated State, FY22 Proviso 118.18 (B)(52)(c)	1,500,000		1,500,000	(1,500,000)	
Other, Operating Revenue (NAWCA Match)				1,500,000	1,500,000
Other, US Fish & Wildlife Service (Pittman Robinson Program Grant)	346,789		346,789		346,789
Other, US Fish & Wildlife Service (Pittman Robinson Program Grant) (transfer from P24-6017)	500,000		500,000		500,000
Other, DU/Private Contributions	703,374		703,374		703,374
All Sources	<u>3,050,163</u>		<u>3,050,163</u>		<u>3,050,163</u>

Summary of Work: The project installed/replaced (a) twelve (12) rice field trunks to control water flow through the dike, (b) 4 interior spillway boxes (c) pumping station and associated piping to pump water if needed, (d) 44,285 linear feet of interior canal clean out, (e) 8,325 linear feet of interior dike re-topping, (f) re-topping 31,880 linear feet of perimeter dike to a top width of 14 feet with slope to remain within the existing footprint so as to prevent over-topping during high tides, (g) decommission 11 existing non-functional wooden trunks, and (h) construct 4,710 linear feet of interior dike. Material for refurbishing the dikes and berms will come from the existing canal located inside the impoundment. To repair the dikes and install the trunks, earth moving equipment such as a track-hoe was mobilized and possibly transported by barge.

Rationale: Repairs and renovations to the existing dike system will allow staff to effectively manage habitat within the impoundments primarily for migratory waterfowl utilizing the Atlantic Flyway. In addition, numerous wading birds, reptiles and amphibians benefit from this management. The DNR also provides opportunity for the public to participate in public lottery waterfowl hunts on Santee Delta WMA.

Facility Characteristics: Santee Delta WMA was acquired by SCDNR in 1974 (50 years ago).



Financial Impact: This request will add Other, Operating Revenue (NAWCA Match) Funds (uncommitted balance \$1.5 million at January 8, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$3,050,163 funded by NAWCA Match, Fish & Wildlife Service – Pittman Robinson Program Grant Funds, and Ducks Unlimited, In-Kind Funds. The project has been completed.

36. Project: Department of Natural Resources  
 P24.6061: Greenville-Poinsett Bridge HP Land Acquisition (TNC-Boy Scout Tract)

Request: Establish Final Land Acquisition to purchase +/-287.601 acres of land in Greenville County.

Included in CPIP: Yes – 2023 CPIP Priority 4 of 47 in FY24 (estimated at \$700,000)  
 Phase I Approval: December 2022 (estimated at \$720,000) (JBRC)  
 CHE Approval: N/A  
 Supporting Details: Pages 437-458

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Heritage Land Trust	20,000		20,000	740,000	760,000
All Sources	<u>20,000</u>		<u>20,000</u>	<u>740,000</u>	<u>760,000</u>

Rationale: The acquisition of the property will increase protection of the Poinsett Bridge Heritage Preserve as it is adjacent to the western property line. If it is acquired, the property will be managed as part of the Poinsett Bridge Heritage Preserve. It will be open for outdoor recreational activities.

Characteristics: The property is located in the northern portion of Greenville County, approximately 3 miles from the state line and was previously owned by the Boy Scouts of America. The property likely contains highly important Native American occupation sites and burial grounds as on nearby tracts, per the agency. The site is dominated by a mixed hardwood forest with habitat for wildlife species. Other areas are dominated by early successional logged areas. The mosaic of habitat type and multiple water sources provide food, shelter, and water for a high diversity of species.

Financial Impact: The property is offered by The Nature Conservancy of Columbia, SC for \$700,000. The acquisition will be funded from Heritage Land Trust Funds (uncommitted balance \$35.89 million at December 31, 2023). Revenue to this fund is authorized by SC Code 51-17-115 and provides for the department to use Heritage Land Trust Funds to acquire in fee simple or lesser interest in priority areas, legal fees, appraisals, surveys, or other costs involved in the acquisition of priority areas, and for the development of minimal facilities and management necessary for the protection of priority areas. An additional \$40,000 is requested to complete survey work. The project is expected to result in an increase of \$12,000 (year 1), and \$5,000 (year 2), in annual operating expenditures. An appraisal was completed in February 2023 and valued the property at \$1,700,000. A Phase I Environmental Site Assessment was completed in June 2023 and revealed no evidence of recognized environmental conditions in connection with the property, and therefore a Phase II assessment is not recommended at this time. A Building Condition Assessment is not required because there are no buildings located on the property. Letters of support are not required because the property is owned by a nonprofit organization.

Full Project Estimate: \$760,000 funded by Heritage Land Trust Funds.

37. Project: Department of Parks, Recreation & Tourism  
P28.9835: Property Acquisition - Black River 421 McKee Road Kingstree, SC
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-0.4 acres and a building in Williamsburg County.
- Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$270,000)
- CHE Approval: N/A
- Supporting Details: Pages 459-472

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

Rationale: If acquired, the property will help protect the viewshed of the water paddle trail and provide a staff house for the ranger who will help patrol the river and Black River parks along the water trail.

Characteristics: The property to be acquired is +/- 0.4-acres with a 1,200 square foot residential structure and is along the Black River. The land is part of a larger green way that will require additional acquisition.

Financial Impact: If acquired by Open Space Institute Land Trust, Inc., the property will be offered for the proposed purchase price of \$250,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$270,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds.

38. Project: Department of Parks, Recreation & Tourism  
 P28.9840: Property Acquisition - Black River Browns Ferry

Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-355 acres in Georgetown County.

Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$1,220,000)

CHE Approval: N/A

Supporting Details: Pages 473-486

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

Rationale: If acquired, the property will provide residents and visitors a wilderness-quality experience along a coastal-plan river. The agency's presence in the region will help spur visitation and tourism, per the agency. The property is an important tract to connect and provide access to residents.

Characteristics: The property to be acquired is +/- 355 acres along the Black River and is near the town of Andrews. The land is part of a larger green way that will require additional acquisition.

Financial Impact: The property is offered by Open Space Institute Land Trust, Inc. for the proposed purchase price of \$1,200,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$1,220,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds. The acquisition will be funded by \$300K in Federal, Land and Water Conservation Grant Funds, and a SC Conservation Bank Grant that the agency will be applying for.

39. Project: Department of Parks, Recreation & Tourism  
 P28.9841: Property Acquisition – Black River Cold Creek
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-175 acres in Georgetown County.
- Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$662,000)
- CHE Approval: N/A
- Supporting Details: Pages 487-500

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

- Rationale: If acquired, the property will provide residents and visitors a wilderness-quality experience along a coastal-plan river. The agency's presence in the region will help spur visitation and tourism, per the agency. The property is an important tract to connect the Black River and Mingo Creek and provide access to residents.
- Characteristics: The property to be acquired is +/- 175 acres along the Black River and is near the town of Choppee.
- Financial Impact: The property is offered by Open Space Institute Land Trust, Inc. for the proposed purchase price of \$642,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$662,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds. The acquisition will be funded by \$300K in Federal, Land and Water Conservation Grant Funds, and a SC Conservation Bank Grant that the agency will be applying for.

40. Project: Department of Parks, Recreation & Tourism  
 P28.9842: Property Acquisition - Black River Mingo Creek
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-675 acres in Georgetown County.
- Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$1,620,000)
- CHE Approval: N/A
- Supporting Details: Pages 501-514

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

- Rationale: If acquired, the property will provide residents and visitors a wilderness-quality experience along a coastal-plan river. The agency's presence in the region will help spur visitation and tourism, per the agency. The property is an important tract to connect the Black River and Mingo Creek and provide access to residents.
- Characteristics: The property to be acquired is +/-675 acres along the Black River and is near the town of Andrews.
- Financial Impact: The property is offered by Open Space Institute Land Trust, Inc. for the proposed purchase price of \$1,600,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$1,620,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds. The acquisition will be funded by \$600K in Federal, National Oceanic and Atmospheric Administrative Grant Funds, and a SC Conservation Bank Grant that the agency will be applying for.

41. Project: Department of Parks, Recreation & Tourism  
 P28.9843: Property Acquisition – Kings Mountain 48 Acre Metker
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-48 acres in York County.
- Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$1,730,000)
- CHE Approval: N/A
- Supporting Details: Pages 515-530

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				30,000	30,000
All Sources				<u>30,000</u>	<u>30,000</u>

- Rationale: If acquired, the acquisition will provide long term protection to the property, which is located in Kings Mountain State Park. Acquiring this tract will protect this land in the center of the park from development, and potentially create a potential revenue source with rental of the shelter for events.
- Characteristics: The property to be acquired is +/-48 acres in the center of the park, and includes a pond, shelter, and two log cabins.
- Financial Impact: The property is offered by Open Space Institute Land Trust, Inc. for the proposed purchase price of \$1,700,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures. The additional \$10K included in this request will be used to cover survey to show the improvements made to the property by the current owner.
- Full Project Estimate: \$1,730,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds. The acquisition will be funded by \$1,200,000 million in SC Conservation Bank Grant, and \$500,000 in FY24 Appropriated State (nonrecurring) Funds.

42. Project: Department of Parks, Recreation & Tourism  
P28.9844: Property Acquisition - Waites Merrill
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-107 acres in Horry County.
- Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$4,020,000)
- CHE Approval: N/A
- Supporting Details: Pages 531-548

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				20,000	20,000
All Sources				<u>20,000</u>	<u>20,000</u>

- Rationale: If acquired, the acquisition will provide long term protection to the property. Waites Island is the most significant undeveloped coastal fringe habitat in the 22 miles from Myrtle Beach to the North Carolina border. It is one of the last remaining undeveloped and unprotected barrier islands of this size in the southeastern United States.
- Characteristics: The property to be acquired is +/-107 acres that includes mainland property, beachfront, marsh, with a residence and guest house on Little River Neck.
- Financial Impact: The property is offered by Open Space Institute Land Trust, Inc. for the proposed purchase price of \$4,000,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$4,020,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds. The acquisition is anticipated to be funded by a CZM Habitat Protection and Restoration Bipartisan Infrastructure Law Competition Grant.



43. Project: Department of Parks, Recreation & Tourism  
P28.9845: Tyger Oak Property
- Request: Establish Preliminary Land Acquisition for the purpose of investigating the acquisition of +/-945 acres in Spartanburg County.
- Included in CPIP: Yes – 2023 CPIP Priority 24 of 29 in FY24 (this component estimated at \$23,010,000)
- CHE Approval: N/A
- Supporting Details: Pages 549-562

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
FY24 Appropriated State, Proviso 118.19 (B)(38)(a)				10,000	10,000
All Sources				<u>10,000</u>	<u>10,000</u>

- Rationale: The Department of Parks, Recreation and Tourism, in partnership with the SC Conservation Bank and the SC Office of Resilience are requesting to establish this project to acquire property that will be the future Central Park of Spartanburg. Acquisition of this property will also protect 1.2 miles of river frontage on Lawsons Fork Creek, adjoin previously protected property, and preserve the industrial history of the area.
- Characteristics: The property to be acquired is +/-945 contiguous acres withing 5 miles of downtown Spartanburg, with 1.2 miles of river frontage on Lawsons Fork Creek. This property will connect existing protected property to create a contiguous 1,161-acre conservation corridor. The property includes 2 small (roughly 10x10), dilapidated pump houses used by Spartanburg Public Works before being decommissioned.
- Financial Impact: Spartanburg Area Conservancy (SPACE), as a cooperative partner of the state, is under contract to purchase this tract for \$25,000,000. After acquisition, SPACE will offer the property to the Department of Parks, Recreation and Tourism for \$23,000,000. The due diligence activities will be funded from FY24 Appropriated State (nonrecurring) Funds (uncommitted balance \$1.5 million at January 12, 2024). The project is not expected to result in any change in annual operating expenditures.
- Full Project Estimate: \$23,010,000 (internal) funded by FY24 Appropriated State (non-recurring) Funds. The acquisition will be funded by \$20,000,000 in SC Office of Resilience, and \$3,000,000 in SC Conservation Bank Funds (pending approval from Bank Board).
- Other: Upon the Department of Parks, Recreation and Tourism's acquisition of the property, a lease agreement with Spartanburg County will be executed for the long-term management of the green space passive park. SPACE will also place a mutually agreed upon conservation easement at the time of the acquisition.

44. Project: Department of Employment and Workforce  
 R60.9542: DEW Columbia Facilities - Fire Alarm Systems Renovations

Request: Establish Phase I Pre-Design Budget to replace the fire alarm systems in four buildings.

Included in CPIP: Yes – 2023 CPIP Priority 3 of 5 in FY24 (estimated at \$441,750)

CHE Approval: N/A

Supporting Details: Pages 563-575

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Contingency Assessment				5,550	5,550
All Sources				<u>5,550</u>	<u>5,550</u>

Summary of Work: This project will the fire alarm systems in the Robert E. David Building, The Midlands Workforce Center, the C. Lem Harper Building, and the Warehouse. This project will only replace the fire alarm systems control panels and associated hardware, software, and smoke detectors. The fire alarm system ethernet will remain in place.

Rationale: The manufacturer of the fire alarm systems will no longer support the existing systems after December 31, 2023.

Facility Characteristics: The Robert E. David Building is 104,076 square feet and was constructed in 1975 (49 years old). Approximately 350 Department of Employment and Workforce staff utilize the building daily. The Midlands Workforce Center is 23,917 square feet and was constructed in 1984 (40 years old). Approximately 45 Department of Employment and Workforce staff and partner agencies utilize the building daily. The C. Lem Harper Building is 47,660 square feet and was constructed in 1992 (32 years old). Appropriately 75 staff of various agencies utilize the building daily. The Warehouse is 23,364 square feet and is utilized by 9 staff daily.

Financial Impact: The project will be funded from Other, Contingent Assessment Funds (uncommitted balance \$72.64 million at December 31, 2023). Revenue to this fund is generated from the contingency assessment portion of the tax accounted for in the special revenue fund, which is primarily to fund the administrative costs and employment services. The project is not expected to result in any change in annual operating expenditures.

Full Project Estimate: \$441,750 (internal) funded by Contingency Assessment Funds.

AGENCY: South Carolina Department of Administration  
Executive Budget Office

SUBJECT: Proposed Permanent Improvement Project  
South Carolina State University  
Supplemental Student Housing

South Carolina State University requests review of its proposal to evaluate leasing modular facilities to provide up to 150 beds as an interim measure to address a deficit in student housing due to enrollment growth, exacerbated by a capacity loss of 128 beds through Fall 2025 during the planned renovation of Truth Hall, and a loss of 204 beds in 4 facilities that have been closed due to disrepair.

<u>Facility</u>	<u>Year of Construction</u>	<u>Year Closed</u>	<u>Capacity</u>	<u>Estimated Renovation Cost</u>
Miller Hall	1937	2006	80 beds	\$7.0 million
Rowe Hall	1954	2020	42 beds	3.2 million
Nix Hall	1954	2020	42 beds	3.1 million
Queens Village	1970-75	2015	40 beds	3.8 million

The University estimates at least \$17.1 million would be required to return these facilities to functional use.

Committee staff met twice in February 2024 with officials of the University and the Office of State Engineer to evaluate the suitability of the proposed lease of modular facilities for student housing, with particular emphasis on identification and mitigation of potential risks of durability and safety.

The Office of State Engineer has committed to engage with the University in the development of a request for proposals that will ensure compliance with all applicable Building Codes and the South Carolina Consolidated Procurement Code. Additionally, the University has committed to no less frequently than semi-annual independent inspections of the facilities and safety systems, and such other measures as may be recommended by the Office of State Engineer to promote confidence that the modular facilities will provide safe and secure student housing. Further recommendations may evolve prior to submission of the University's request for Phase II full implementation of the project.

COMMITTEE ACTION:

Review and comment on the University's Phase I proposal for preliminary design and evaluation of the suitability of a proposed use of modular facilities to address the University's housing deficit.

ATTACHMENTS:

1. Department of Administration, Executive Budget Office Agenda Item Worksheet.

# JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

**Meeting Scheduled for:**    **March 20, 2024**

**Regular Agenda**

**1. Submitted By:**

- (a) Agency: Department of Administration
- (b) Authorized Official Signature:

  
Mike Shealy, Executive Budget Office

**2. Subject:**

South Carolina State University – Supplemental Housing – Modular Lease

**3. Summary Background Information:**

**Project:** South Carolina State University  
H24.9663: Supplemental Housing – Modular Lease

**Request:** Establish Phase I Pre-Design Budget to lease modular units to serve as housing.

**Included in CPIP:** No – The project was not included in the 2023 CPIP submission because the need for the modular units was not confirmed at that time.

**CHE Approval:** Approved by CHE on 12/07/2023

Source of Funds	Original Budget Amount	Cumulative Changes Since Original Budget	Current Budget	Adjustment Requested	Total Budget After Current Adjustment
Other, Student Housing Improvement				53,220	53,220
All Sources				<u>53,220</u>	<u>53,220</u>

**Summary of Work:** This project will provide a single configured modular units with a capacity of 150 beds for auxiliary student housing. The university has stated that the units will meet all code requirements of the IBC and the state of South Carolina as it pertains to construction and life safety, and they have confirmed that the university will comply with the SC Consolidated Procurement Code.

**Rationale:** Due to recent influxes in student enrollment the university is hard-pressed to discover innovate strategies for student accommodations and is seeking to lease modular units to off-set current capacity limitations.

**Facility Characteristics:** The total square footage for the modular units will be +/-22,000 square feet and will provide a living and learning environment to approximately 150 students.

**Financial Impact:** The project will be funded from Student Housing Improvement Funds (uncommitted balance \$4.82 million at November 30, 2023). Revenues to this account are generated from standard room and board charges, which are determined and approved by the Board of Trustees and are used to cover costs of maintaining the facilities. The current amount per student, per semesters is \$1,001. The project is expected to result in an increase of \$156,000 (years 1 thru 3), in annual operating expenditures. No student fees or tuition will be increased because of the project.

**Full Project Estimate:** \$3,548,000 (internal) funded by Student Housing Improvement Funds.

---

**4. What is JBRC asked to do?**

Consider approval of the Permanent Improvement Project Phase I.

---

**5. What is the recommendation of the Department of Administration?**

The item is complete and ready for JBRC review.

---

**6. List of Supporting Documents:**

1. Permanent Improvement Project Supplemental Housing – Modular Units

---

AGENCY: South Carolina Department of Transportation

SUBJECT: Proposed Expenditure Plan for  
Transportation Acceleration Account

Act 244 of 2022 provided for among other things an appropriation to the South Carolina Department of Transportation of \$453,499,758 in federal funds disbursed to the state pursuant to the federal American Rescue Plan Act of 2021. The Act further established a separate and distinct fund in the State Treasury known as the Transportation Infrastructure Acceleration Account consisting of these funds, and provided that the funding must be used by the Department of Transportation to accelerate completion of projects included in the Department's Statewide Transportation Improvement Program. Plans for use of the funding are subject to review and comment by the committee prior to release of the funds by the Executive Budget Office.

At its meeting on June 21, 2022, the Committee reviewed the proposed acceleration plan submitted by the Department of Transportation in accordance with the Act. Review by the Committee was favorable.

By letter dated February 29, 2024, Secretary of Transportation Christy A. Hall has proposed refinement of the Department's acceleration plan to optimize usage and ensure expenditure of the American Rescue Plan Act funding well in advance of the federally imposed deadline for expenditure of these funds by December 31, 2026, as follows.

<u>Project</u>	<u>Originally Proposed</u>	<u>Revised</u>
I-26 Widening to 6 Lanes		
Exits 187 – 194	\$ 150,000,000	\$ 150,000,000
Exits 125 – 136	300,000,000	200,000,000
I-26 at I-95 Interchange		100,000,000
Carolina Crossroads	3,499,758	3,499,758
Total	\$ 453,499,758	\$ 453,499,758

The optimization plan integrates the current status of contract awards, project readiness and progress, and expected expenditures based on refined expectations for completion of each component, and has no impact on the existing schedule to widen Interstate 26.<sup>1</sup>

These projects are listed in the Statewide Transportation Improvement Program, have been ranked in accordance with Act 114 of 2007, and allocation of the funds to these projects has been approved by the South Carolina Department of Transportation Commission.

---

<sup>1</sup> Allocation of the funding pursuant to the plan as refined will as previously expected significantly accelerate the planned widening of Interstate 26 between Charleston and Columbia by 6 years, with all phases of work under contract by 2029 as opposed to 2035. Moreover, the capacity created by this funding is expected to accelerate the schedule to widen Interstate 95 between the Georgia border and South Carolina Exit 3, presently planned to be let by 2031, by 1 year.

COMMITTEE ACTION:

Review and comment in accordance with the provisions of Act 244 of 2022.

ATTACHMENTS:

1. Letter dated February 29, 2024, of Ms. Christy A. Hall, PE, Secretary of Transportation.

February 29, 2024

Mr. F. Richard Harmon  
Research Director  
Joint Bond Review Committee  
Gressette Building  
Columbia, SC 29201

Re: Redistribution of ARPA Allocations to the Transportation Infrastructure Acceleration Fund

Dear Mr. Harmon:

On June 21, 2022, the Joint Bond Review Committee reviewed the proposed plan of the South Carolina Department of Transportation (SCDOT) for expenditure of \$453,499,758 in funds held in the Transportation Acceleration Account, consisting of a portion of federal funding made available to the State pursuant to the American Rescue Plan Act of 2021 (ARPA)

The plan proposed use of \$150 million in funds to widen Interstate 26 to six (6) lanes between Exits 187 and 194; \$300 million in funds to widen Interstate 26 to six (6) lanes between Exits 125 and 136; with the balance of the funding, along with any remaining funds following completion of these projects, to be applied to the Carolina Crossroads project on Interstates 20, 26, and 126. The comment of the Committee was favorable.

SCDOT has awarded contracts for these projects pursuant to our ranked priority list and calculated expenditure payouts based on timelines for completion. In an effort to optimize our ARPA funding usage and assist the state with efficiently drawing down these funds, SCDOT respectfully submits the following proposed optimization which ensures expenditure of all allocated funding well in advance of the December 31, 2026 deadline.

- *\$150,000,000 to widen I-26 to six lanes between Exit 194 and Exit 187*
- *\$200,000,000 instead of \$300,000,000 to widen I-26 to six lanes between Exit 125 and Exit 136*
- *\$3,499,758 and any balance from the I-26 projects to the Carolina Crossroads Project on I-20, I-26, and I-126*
- *\$100,000,000 for the I-26 at I-95 Interchange Improvement*

The proposed optimization adheres to Act 114 of 2007 and SCDOT's 2018 Commission approved Rural Interstate Freight Corridor priority list. It has no impact to the existing schedule to widen Interstate 26.





It should be noted by the Joint Bond Review Committee that, at the end of 2022, Congress adopted additional flexibilities to ARPA. This included allowing 30% of a jurisdiction's ARPA funds to be used for eligible transportation projects. These projects will continue incurring additional ARPA eligible expenditures up to the December 31, 2026 expenditure deadline and could further assist in consuming the state's allocation if needed to avoid risk of funding lapse.

Thank you for the opportunity to propose this funding redistribution. We are happy to address any questions the Committee may have on the proposal.

Sincerely,



Christy A. Hall, PE  
Secretary of Transportation



---

AGENCY: South Carolina Office of Resilience

SUBJECT: Proposed Mitigation Improvements to  
USS Yorktown at Patriots Point

Act 6 of 2023 provides for among other things that funding held in the ARPA Resilience Account may be used to mitigate the potential release of contamination associated with the USS Yorktown, an asset of the Patriots Point Development Authority. The Act further provides that the Office of Resilience must make an initial funding request for Phase I review and comment by the Joint Bond Review Committee that describes the project scope and provides an estimate of costs for the proposed improvements. Thereafter, the Office of Resilience must make a full funding request for Phase II review and comment by the Committee to establish final budget authorization and project scope. No funds may be expended toward the project in either phase until the Committee has provided review and comment.

By letter dated August 2, 2023, the Office of Resilience provided a summary of actions to date, and the rationale underlying the continuing urgency of undertaking critical repairs immediately needed for environmental remediation against potential contamination of Charleston Harbor. The Office requested consideration by the Committee of its proposal to establish Phase I of the project at \$10,710,016 for the purposes of moving forward with emergency repairs at an associated cost of not exceeding \$6,710,016; and effecting a reimbursement to the Resilience Fund in an amount not exceeding \$4,000,000 for costs of conducting a comprehensive assessment of contaminants and a plan to remediate them. The Committee considered this request at its meeting on August 22, 2023, and review was favorable.

By letter dated February 26, 2024, the Office of Resilience reported that Phase I of the project was completed in December 2023 at a cost of \$8,369,120.

The Office now requests authorization to undertake Phase II of the project to remediate legacy contaminants and clean the tanks and structures within which they are contained. This phase of the project is estimated at \$18,900,000.

Total costs for both phases of the project are estimated at \$29,610,016, within the original cost projection of \$40,000,000 reserved by the Office for the remediation. The Office has committed to furnishing a report and reconciliation of expenditures upon completion of the project.

COMMITTEE ACTION:

Review and comment on Phase II of the remediation plan and associated costs at an amount not to exceed \$18,900,000.

ATTACHMENTS:

1. Letter dated February 26, 2024, of Mr. Benjamin I. Duncan II, Chief Resilience Officer, South Carolina Office of Resilience.
2. Estimate of Phase II expenditures.



**HENRY D. MCMASTER**, Governor  
**BENJAMIN I. DUNCAN II**, Chief Resilience Officer

26 February 2024

Mr. F. Richard Harmon, Jr.  
Director of Research  
Joint Bond Review Committee  
321 Gressette Building  
Columbia, SC 20201

Re: South Carolina Office of Resilience – *USS Yorktown* Environmental Remediation Project

Dear Mr. Harmon:

The South Carolina Office of Resilience (SCOR) requests authority to expend \$18,900,000 in ARPA funds on Phase 2 of its *USS Yorktown* Environmental Remediation Project under S.604, Act 6 of 2023, effective April 20<sup>th</sup>, 2023, the Joint Resolution to Authorize the expenditure of certain funds allocated to South Carolina under the American Rescue Plan Act of 2021.

The Joint Bond Review Committee approved Phase 1 of the *USS Yorktown* project on August 22, 2023. Phase 1 has been completed at a cost of \$8,369,119.75 which was within the authorized amount of \$10,716,016. A copy of the Phase 1 Environmental Assessment and Remediation Plan and a copy of the Immediate Repairs Report are attached for your reference. SCOR now requests authority to proceed with Phase 2. Act 6 of 2023 provides, among other things that funds held in the ARPA Resilience Account may be used for these purposes.

#### The *USS Yorktown*

The *USS Yorktown* is an Essex-class aircraft carrier first commissioned in 1943. She was converted under the SCB-27A program as an attack aircraft carrier, CVA-10, in the 1950s. This conversion included the addition of blister tanks, faired into the existing hull. An angled deck was added in 1955. She was decommissioned in 1970.

The *USS Yorktown* was donated to Patriots Point Development Authority in 1975, relocated to Charleston, and has remained the centerpiece of Patriots Point Naval & Maritime Museum since then. In the U.S. Navy donation contract, the State of South Carolina indicated its intention to preserve and exhibit the vessel and committed to making and keeping the *USS Yorktown* safe and presentable for public exhibition. It is a National Historic Landmark.

The *USS Yorktown* is currently moored in Charleston harbor with the keel buried to a depth of approximately 28 feet in soft bottom silt. Above the silt line, there is open water on the port side and

tidal marsh on the starboard side, and the ship's hull is subjected to tidal ebb and flow. Localized areas of the ship's hull, particularly in the tidal splash zone, have experienced extensive corrosion with significant through-hull penetration. It is anticipated that the *USS Yorktown* will require significant repairs in the foreseeable future.

At the time of *USS Yorktown's* deactivation, the extensive procedures prescribed by the Navy today, S9086-BS-STM-010 [0910-LP-104-3949, rev 3], were not in place. The U.S. Navy made the *USS Yorktown* available to South Carolina "as is" and "without warranty." Consequently, the *USS Yorktown* still contains significant quantities of potentially hazardous materials. A release of those materials would be an environmental and economic catastrophe.

#### Governor McMaster's Executive Order

On July 11<sup>th</sup>, 2022, Governor McMaster issued Executive Order No. 2022-20 directing the South Carolina Office of Resilience (SCOR), in coordination with the Patriots Point Development Authority (PPDA), to take immediate action to address the potential environmental hazards contained within the *USS Yorktown*. Governor McMaster directed that SCOR utilize existing funds or any authorized, appropriated, or available funds to procure and conduct a comprehensive assessment of any and all remaining legacy contaminants in the *USS Yorktown* and develop a comprehensive plan to remediate those contaminants. Governor McMaster further requested that the General Assembly authorize SCOR to use a portion funds allocated by the federal government to the State of South Carolina under the American Rescue Plan Act of 2021 (ARAP), Pub. L. 117-2, for removing or remediating the hazardous or potentially hazardous materials in the ship.

Following this directive, SCOR met with PPDA leadership and published a Request for Qualifications for undertaking a new study of the existing contamination in *USS Yorktown*. Two prior studies were out of date and were not as comprehensive as directed by Governor McMaster. SCOR issued the RFQ on July 22, 2022. SCOR determined it was feasible to utilize the Resilience Reserve Fund to start the study process, pending authorization to utilize appropriated ARPA funds.

#### ARPA Joint Resolutions

When the General Assembly issued its first ARPA joint Resolution, H.4408, Act 244 of 2022, effective May 13<sup>th</sup>, 2022, it allocated SCOR \$100 million to be used to complete stormwater infrastructure projects and acquisitions of property in the floodplain throughout the State to lessen the impacts of future flood events. Act 244 predated Governor McMaster's Executive Order No. 2022-22. The scope of Act 244 did not provide authorization to use allocated ARPA funds for an environmental remediation and resilience project such as *USS Yorktown*.

As noted above, Governor McMaster issued Executive Order 2022-20 on July 11, 2022. Thereafter, once the General Assembly was back in session, on April 20<sup>th</sup>, 2023, it issued a second Joint Resolution regarding ARPA funds, Act 6 of 2023, effective April 20<sup>th</sup>, 2023. The authorization section specific to SCOR provided:

Notwithstanding SECTION 14 of Act 244 of 2022, the funds in the ARPA Resilience Account also may be used to mitigate the potential release of contamination associated with the *USS Yorktown*, an asset of the Patriots Point Development Authority. The Office of Resilience must make an initial funding request for Phase I review and comment by the Joint Bond Review

Committee that describes the project scope and provides an estimate of costs for the proposed improvements. Thereafter, the Office of Resilience must make a full funding request for Phase II review and comment by the Joint Bond Review Committee to establish final budget authorization and project scope. No funds may be expended toward the project in either phase until the Joint Bond Review Committee has provided review and comment. The Office of Resilience is authorized to engage and reimburse the services of other state agencies in the development of both phases of the project.

#### Phase 1 Environmental Assessment & Immediate Repairs

SCOR received approval from JBRC on August 22, 2023, to utilize federal ARPA funds to establish Phase 1 of the mitigation project for the *USS Yorktown* in the amount of \$10,710,016 for the purposes of reimbursing the Disaster Relief and Resilience Reserve Fund \$4,000,000 for the comprehensive assessment of legacy contaminants and remediation plan and undertaking immediate repairs necessary to prepare for Phase 2 at an associated cost not exceeding \$6,710,016. The environmental assessment is complete and as noted above, a copy of the Phase 1 Environmental Assessment and Remediation Plan is attached for your reference. The remediation plan has been established in preparation for Phase 2.

The immediate repairs commenced in September 2023 and were completed in December 2023. The immediate repairs resulted in:

- 18 Tanks and 4 Compartments/Machinery Spaces cleaned
- 47 Total tanks or spaces dewatered (37 tanks/spaces dewatered and contents properly disposed, 10 tanks dewatered and transferred internally)
- 90,260 gallons of fresh water transferred internally
- 568,800 gallons of oily water removed and contents properly disposed
- 8.88 tons sludge/mud removed and disposed of
- Asbestos abatement in 3 spaces resulting in 4.5 tons of asbestos waste removed and disposed of
- 35 external temporary repairs to the hull
- 2 temporary repairs to bulkheads
- 26 tanks isolated through temporary repairs

A copy of the Immediate Repairs Report with a complete breakdown of immediate repairs and remediation efforts achieved is attached for your reference. Please note that the environmental assessment and immediate repairs required extensive collaboration and coordination between SCOR and PPDA. The Phase 1 elements were completed without materially impacting the *USS Yorktown* public operations and events. We thank our colleagues at PPDA for their outstanding collaboration on this endeavor.

#### Phase 2 Remediation of Environmental Contaminants

The remediation plan approach is to remediate, mitigate, or isolate environmental contaminants. The contaminants that pose the highest risk of a disastrous release, such as remaining legacy fuel oil or contaminated tank fluids, will be pumped out for appropriate disposal and the tanks satisfactorily cleaned. Some other contaminants will be mitigated via surface cleaning. Finally, some areas wherein there is no threat of exterior release will be physically isolated. Please see the Environmental Assessment and Remediation Plan for specific details.

The key elements of the Phase 2 Remediation Plan are:

- Remove/dispose ~1.2 million gallons of hydrocarbons from tanks
- Clean deep tanks for re-ballast
- Repair and isolate tanks for temporary repairs
- Remove/dispose ~ 15k gallons of fluid from non-structural compartments
- Add ~1.6 million gallons of freshwater ballast to clean tanks
- Remove bulk liquid from machinery room bilge compartments
- Clean structural tanks for future structural repairs (PPDA will be responsible for future structural repairs)
- Clean accessible bilge compartment areas
- Add Perma-Ballast® to clean tanks (Perma-Ballast® may be utilized in place of freshwater ballast if sufficient funds are available. It is an environmentally safe ballasting option that provides greater density than freshwater.)

The cost of the Phase 2 remediation work is estimated at \$18,900,000. The Phase 2 work will be procured on a not to exceed basis.

#### SCOR's Request

- 1) SCOR requests authority to utilize federal ARPA funds for Phase 2 remediation of legacy contaminants aboard the *USS Yorktown* – not to exceed \$18,900,000.

Upon approval of the Phase 2 request, SCOR will initiate the permitting and procurement process for a qualified maritime remediation contractor.

The total Phase 1 and Phase 2 *USS Yorktown Project* cost is \$29,610,016. Please note that upon being assigned the *USS Yorktown Project*, SCOR reserved \$40M of ARPA funding since the potential remediation costs were unknown at that time. Therefore, ARPA funding in the ARPA Resilience Account is available to complete Phase 2.

There are many potential contingencies in performing this type of work on an 80-year-old museum ship which originally had a U.S. Navy designed service life of 30 years. We anticipate that the Phase 1 savings could be consumed in dealing with contingencies. SCOR will provide JBRC a reconciliation and report when the project is complete. SCOR will not exceed the authorized project amount and will report project status and seek further guidance or approval if project costs begin to approach the project cap.

Again, we thank our colleagues at PPDA for their cooperation and collaboration on this endeavor. PPDA has been an excellent partner in this effort.

Please contact me if you have any questions and please advise if you need further information.

Sincerely,



Benjamin I. Duncan, II  
Chief Resilience Officer



---

AGENCY: South Carolina Commission on Higher Education

SUBJECT: Comprehensive Plan for Research Partnership and  
Workforce Development Pursuant to Proviso 11.24  
(CHE: Battelle Alliance at Savannah River National Lab)

Proviso 118.19 (SR: Nonrecurring Revenue) of the Fiscal Year 2023-24 Appropriations Act designates \$40 million to the Battelle Alliance at Savannah River National Lab. Proviso 11.24 (CHE: Battelle Alliance at Savannah River National Lab) of the Act further allocates 20% of the funding to South Carolina State University; 40% of the funding to the University of South Carolina; and 40% of the funding to Clemson University; all of which funds must be expended collaboratively to conduct research partnerships and develop workforce training programs designed to fill engineering, science, research, and management positions. The Universities must provide the Battelle Alliance with accredited academic personnel, intellectual capital, and resources necessary to build research capabilities and programs supporting the Alliance.

Proviso 11.24 further provides that prior to expenditure of these funds, the Universities must collaborate and submit to the Commission on Higher Education a comprehensive plan and timeline for utilization of the funds to further the mission and support of the Lab. The Plan is subject to further review and comment by the Joint Bond Review Committee and approval of the State Fiscal Accountability Authority following approval by the Commission's Board.

By memorandum dated December 21, 2023, the Commission advised that its Board approved the Plan on December 7, 2023, and submitted the Plan for consideration by the Committee in accordance with the requirements of Proviso 11.24. Following review of the Plan by the Committee at its meeting on January 24, 2024, staff was directed to work with the Commission and other interested parties in the development of additional accountability measures and establishment of periodic reporting requirements, with any recommendations reported back to the Committee at its meeting on March 20, 2024.

By memorandum dated March 7, 2024, the Commission submitted a revised Plan that includes development programs for pre-college, undergraduate, graduate, and postdoctoral students; professional development of Lab employees; equipment and infrastructure improvements in support of new and existing faculty that are part of the collaboration; and management activities to recruit students and enhance awareness of careers in the national laboratory system and defense community.

Responsive to interests expressed by the Committee, metrics and goals have been established at the program and university levels, and expenditure plans have been established for each university and program element for fiscal years 2025-2027. The Plan has been revised with refined program measures and targets, and requirements for both quarterly and annual reporting of expenditures and progress toward objectives by each university to the Commission. The Commission will compile these reports and furnish them to the Office of the Governor, the Senate Finance Committee, and the House Ways and Means Committee.



---

The Plan as revised is the result of a collaborative effort among the Commission, the universities, and the Office of the Governor, and appears to address interests expressed by the Committee at its meeting on January 24, 2024.

COMMITTEE ACTION:

Review and comment on the Plan, as revised and resubmitted, in accordance with Proviso 11.24 of the Fiscal Year 2023-24 Appropriations Act.

ATTACHMENTS:

1. Letter dated March 7, 2023, of Mr. Georges Tippens, Deputy Director and General Counsel, South Carolina Commission on Higher Education.
2. Plan entitled “Research Partnerships and Workforce Training Programs in Support of the Batelle Savannah River Alliance – Savannah River National Laboratory.”
3. Provisos 118.19 (SR: Nonrecurring Revenue) and 11.24 (CHE: Battelle Alliance at Savannah River National Lab) of the Fiscal Year 2023-24 Appropriations Act.

**R. Wes Hayes, Jr.**  
*Chairman*



March 7, 2024

Mr. Rick Harmon  
Research Director  
Joint Bond Review Committee

Mr. Delbert Singleton  
Secretary  
State Fiscal Accountability Authority

Dear Mr. Harmon and Mr. Singleton:

Proviso 11.24 of the fiscal year 2023-24 Appropriations Act appropriated \$40 million for the Battelle Alliance, allocated among Clemson University, University of South Carolina, and South Carolina State University. Prior to fund distribution, the proviso required the institutions submit to the Commission on Higher Education a comprehensive plan and timeline for how the \$40 million will be utilized to further the mission and support the Savannah River National Laboratory. After review by the Commission on Higher Education, the plan then needed to receive review and comment by the Joint Bond Review Committee and approval by the State Accountability Authority before the institutions could receive and expend the funds.

The institutions submitted their plan to the Commission on Higher Education in Fall 2023. The plan was reviewed favorably by the Commission's Executive Committee on November 28, 2023, and by the full Commission on Higher Education on December 7, 2023. When the plan was reviewed by the Joint Bond Review Committee on January 24, 2024, membership directed staff to work with the Commission on Higher Education and other interested parties to develop additional accountability measures and periodic reporting for inclusion in the plan prior to its next meeting scheduled for March 20, 2024.

Commission on Higher Education staff have worked with representatives from the three institutions, Joint Bond Review Committee staff, and other interested parties to refine the originally submitted plan. This revised plan was reviewed by the Commission on Higher Education's Committee on Finance and Facilities on March 4, 2024, and by the Full Commission on March 7, 2024. Both the committee and the Commission recommended approval of the revised plan.

Attached, please find the revised plan submitted by Clemson University, University of South Carolina, and South Carolina State University for review and comment by the Joint Bond Review Committee and approval by the State Fiscal Accountability Authority.

Sincerely,

Georges Tippens  
Deputy Director and General Counsel



803-737-2260

1122 Lady St, Ste 400  
Columbia, SC 29201

[www.che.sc.gov](http://www.che.sc.gov)





# Research Partnerships and Workforce Training Programs



**Boosting Workforce Development**

**Next Generation Scientists & Innovators**

**High Impact Science**

**In support of the Battelle Savannah River Alliance  
Savannah River National Laboratory**



# Leading the way—Research Partnerships and Workforce Training Programs

**Submitted Jointly by**

*Michael Amiridis* *Alexander Conyers*

**Dr. Michael Amiridis**  
President,  
University of South Carolina

**Alex Conyers**  
President,  
South Carolina State University

*James P. Clements*

**Dr. James Clements**  
President,  
Clemson University

## Executive Summary

The research partnership and workforce development programs as described below which support the Battelle Savannah River Alliance, LLC (BSRA) and the Savannah River National Laboratory (SRNL) are developed and operated by Clemson University, South Carolina State University, and the University of South Carolina System (Columbia and Aiken campuses). These institutions will use the \$40 million authorized by the South Carolina legislature, with the support of Governor Henry McMaster, to support our workforce development (WFD) initiatives. BSRA, LLC operates the SRNL with support from its five subcontractor universities (Clemson, Ga Tech, University of Georgia, South Carolina State University, and the University of South Carolina System). BSRA, which is wholly owned by Battelle Memorial Institute, was awarded the SRNL management contract on December 22, 2020.

The overall objectives of this research partnership and workforce training program are to:

1. Develop and operate a long-term workforce development pipeline that will provide SRNL with new talent at the Bachelors, Masters, and Doctoral levels;
2. Enhance the research and educational capacity of the SC universities with hiring of new faculty and research staff; and
3. Support the SRNL employee base by providing topic-specific and focused training.

This plan will enable SRNL to grow and expand its impact from a national and international perspective. SRNL must attract, motivate, and train a diverse world-class workforce to execute BSRA's Vision. The universities will employ outreach strategies that ensure and expand participation by South Carolina residents.

To fulfill the obligations of the BSRA proposal and Governor McMaster's funding commitment, the SC universities plan a workforce development program that includes the following elements:

- Precollege Student Program to develop the future workforce with programs for students and teachers (USC Aiken and SC State)
- Undergraduate Student Program, to support scholarships and research opportunities for STEM and relevant disciplines (Clemson, SC State, USC Columbia, and USC Aiken, producing a cumulative 115 new STEM Bachelors degrees)
- Graduate Student Program, to grow the domestic research workforce seeking Masters and Doctoral Degrees (Clemson and USC Columbia, producing a cumulative 55 new advanced degrees)
- Postdoctoral Scientist Program, to support university research and to encourage careers as permanent staff to the Lab (Clemson and USC Columbia)
- Experienced Scientist Program, to add new faculty, research staff, and visiting scholars to the university talent pool, thus increasing research collaborations and competitiveness for increased funding of SRNL and SC institutions.
- Professional Development of SRNL Employees, to provide cutting-edge skills and knowledge (Clemson, SC State, USC Columbia, and USC Aiken)

The South Carolina universities have had and will continue to have substantial collaborations with SRNL and BSRA, LLC. The universities and the SRNL have annual collaborative meetings and student poster sessions each year. Students and graduates from the universities apply for and fill summer internships and postdoctoral positions available at SRNL. University personnel are members of the BSRA, LLC Board of Directors. The University of South Carolina Aiken hosts the SRNL-operated Advanced Manufacturing Collaborative, a public-industry research facility, which is scheduled to open in 2025.

## Table of Contents

Executive Summary.....	3
Background on SRNL.....	5
The Universities and Their Current Relationship with SRNL .....	6
The University of South Carolina System .....	6
South Carolina State University .....	8
Clemson University .....	8
Ongoing Collaborative Activities .....	9
New Workforce Development Activities Supported by State Funding .....	10
Objectives.....	10
Program Metrics and Accountability.....	11
Common Program Elements and Budget Categories.....	12
Budget Breakdown and Spend Plan .....	14
Schedule of Engagement .....	16

## Background on SRNL

The Savannah River National Laboratory (SRNL, or the Lab), one of seventeen national labs for the U. S. Department of Energy (DOE), became an independent, federally funded research and development center (FFRDC) in 2021, with the award of the Management and Operations (M&O) contract to Battelle Savannah River Alliance LLC (BSRA). BSRA is a subsidiary of Battelle Memorial Institute, which manages eight other DOE National Labs. Prior to 2021, SRNL was managed by Savannah River Nuclear Solutions LLC, an industrial contractor, and was but one component of the overall site operations.

The University of South Carolina System (USC Columbia & USC Aiken), Clemson University (CU) and South Carolina State University (SCSU) were active participants with Battelle in crafting their M&O proposal to DOE. The universities were assigned a specific role in workforce development (WFD) for the Lab. A brief timeline of activities from proposal writing to award is given below:

- **January 2020-July 2020:** BSRA capture team enlists five universities (USC system, Clemson, SC State, UGA, and Georgia Tech) whose role in the M&O proposal is “Workforce Development.”
- **August 2020:** Governor McMaster provided a letter of commitment to seek \$100M in state funding in support of the three SC universities and their efforts in workforce development<sup>2</sup>.
- **Dec. 22, 2020:** BSRA LLC was selected as M&O Contractor. Each university is a subcontractor to BSRA and holds a voting membership on the BSRA Board of Directors.
- **June 2023:** With the support of Gov. McMaster and university leaders, the SC legislature authorized \$40M for the three SC universities<sup>1,2</sup>.

SRNL has a unique role within the Department of Energy’s national laboratory family for two specific reasons:

- First, SRNL is the nation’s leading research and development center for the DOE Office of Environmental Management (EM) and Office of Legacy Management (LM).
- Second, SRNL serves a critical role for the National Nuclear Security Administration (NNSA) in both weapons and nonproliferation programs. SRNL provides effective solutions for these national programs.

<sup>1</sup> South Carolina Budget [FY 2023-2024 South Carolina Budget - South Carolina Legislature Online \(scstatehouse.gov\)](https://www.scstatehouse.gov/budget) 11.24. (CHE: Battelle Alliance at Savannah River National Lab) Of the funds appropriated for the Battelle Alliance, twenty percent shall be allocated to South Carolina State University, forty percent to the University of South Carolina, and forty percent to Clemson University. The funds must be expended collaboratively to conduct research partnerships and develop workforce training programs designed to fill engineering, science, research, and management positions. The three universities shall provide the Battelle Alliance with accredited academic personnel, intellectual capital, and resources necessary to build out research capabilities and programs. Prior to the allocation or expenditure of any funds, the three universities shall collaborate and submit to the Commission on Higher Education a comprehensive plan and timeline for how the funds will be utilized to further the mission and support of the Savannah River National Lab. The plan also must be reviewed by Battelle for alignment with laboratory missions and university goals. This collaborative plan must be submitted to the Commission on Higher Education and approved by its Board of Commissioners. After approval of the plan, the commission shall submit the plan to the Joint Bond Review Committee for review and comment and to the State Fiscal Accountability Authority for approval before any funds can be allocated or expended. If the plan is not approved by June 30, 2024 by the Commission on Higher Education, Joint Bond Review Committee, and State Fiscal Accountability Authority, all funds must then be remitted back to the general fund of the state. Funds allocated for this purpose shall not be transferred or utilized for any other purpose.

<sup>2</sup> The University of South Carolina System was included in the original BSRA SRNL proposal to DOE so both the USC Columbia and USC Aiken’s campuses and resources could be used for the SRNL workforce development effort.

DOE expects SRNL to grow and modernize to ensure it meets the future mission needs for the Department. SRNL has three top-level mission areas: 1) Environmental Management and Legacy Management; 2) National Security; and 3) Science and Energy Security. As a multi-program applied science national laboratory, SRNL's focus is delivering high quality scientific and technology solutions. SRNL utilizes science, technology, engineering, and math (STEM) expertise in the chemical, biological and physical sciences, and engineering, as well as high performance computing, to discover new materials, improve system performance, develop advanced manufacturing solutions, augment inspection approaches, enhance energy systems, and drive new control strategies for critical assets. In addition to its STEM workforce needs, SRNL and BSRA are creating the modern support infrastructure of functional organizations that will enable growth in innovative programs and technical areas.

Specifically concerning workforce development, SRNL must attract, motivate, and train a diverse, world-class domestic workforce to execute BSRA's Vision. **Therefore, the SC universities will use the \$40M appropriation (which is the first installment in the governor's pledge of \$100M) to support a WFD initiative that will provide SRNL with a long-term pipeline for new talent acquisition by recruiting and educating the state's residents while also bringing in additional talent as needed from around the country.** This WFD initiative will also further the careers of the existing employee base at SRNL. The SC universities have world-class programs and facilities to educate the workforce in all the STEM fields that support the Lab. In addition, the SC universities each have programs in business, finance, accounting, communication, social science, and other non-STEM areas that will support the infrastructure of the Lab. The universities also have formal programs for outreach to the technical college system; these include several articulation agreements in various degree programs, and infrastructure such as the Center for Workforce Development at Clemson and Palmetto College at USC Columbia. Recognizing that a strong enduring national laboratory requires a talented, diverse workforce, the inclusion of Historically Black Colleges and Universities (HBCUs) and an intense focus on minority-serving institutions is purposefully infused into BSRA's vision by including an HBCU (SC State) as a principal partner.

## The Universities and Their Current Relationship with SRNL

### The University of South Carolina System

SRNL and the USC system have conducted a host of joint research projects funded by the laboratory and DOE. Research projects span the breadth of USC Columbia's College of Engineering and Computing and College of Arts and Sciences as well as USC Aiken's campus. Projects cover subjects such as advanced catalysis for upcycling plastic waste, molten salt technology for advanced nuclear reactor designs, new crystalline materials for immobilizing nuclear waste, machine learning for designing and evaluating advanced energy materials, and advanced sensors for monitoring nuclear storage sites and for nuclear non-proliferation. USC Columbia is home to the McNair Center, the Horizon energy and materials building, the Artificial Intelligence Institute, the DOE Energy Frontiers Research Center for Hierarchical Waste Forms, and facilities including the Electron Microscopy Center and the X-Ray Photoelectron Spectroscopy Center, all of which have supported SRNL collaborations. USC Columbia currently has two jointly appointed faculty with SRNL. USC Aiken is the site of the DOE-sponsored Advanced Manufacturing Collaborative (AMC), which is a \$60 million facility scheduled to open by the first quarter of 2025. The AMC, which will be operated by SRNL, will have unique capabilities and will bring together SRNL with academia and industry for collaboration.



**Impact of State Funds:** The USC System will broaden their current programs in pre-college, undergraduate, and graduate education, as well as through recruitment of post-doctoral scholars and new faculty who will collaborate and raise significant funding for WFD and research.

USC Columbia's goals are to strengthen the partnership by focusing on recruitment of domestic undergraduate and graduate students, thus serving SRNL's requirement of a domestic workforce serving their missions in national security and resilience. This will be done by coordinating recruitment efforts across the relevant science, technology, engineering, and mathematics (STEM) disciplines, by offering financial aid in the form of research internships in the summer and academic semesters, and by providing nationally competitive stipends for graduate students and post-doctoral research.

The USC system will also increase the number of faculty working in fields that support SRNL's three broad mission areas. USC's fields of interest include chemical and nuclear process chemistry and engineering, cyber-physical security, energy generation and storage, and data science in support of basic chemistry and materials discovery, advanced manufacturing, and national security. New faculty will train the workforce by teaching and by mentoring students in their research projects. Faculty will also collaborate with SRNL and with BSRA partners to win large, funded projects from DOE and other federal agencies. Funds will be spent to equip and update laboratories in support of existing and new faculty hires.

USC Aiken's most impactful SRNL workforce development contributions will be in the areas of cybersecurity, computer science, and engineering. The state funds will ensure USC Aiken acquires excellent faculty to train students in these high demand fields as the enrollment and maturity of the programs continue to grow over the next several years. Specifically, the funds will ensure USC Aiken can support SRNL WFD in computer science, cybersecurity, and engineering. Several programs such as mechanical engineering, process engineering, data science, and cybersecurity are growing at rate of more than 10% year over year to help meet the demand of the region. The funds will continue the growth in these programs and allow USC Aiken to teach the expanded cybersecurity, computing sciences, and engineering curriculum and provide robust high impact learning opportunities such as internships, cooperatives, and capstone projects. USC Aiken has been designated a Center of Academic Excellence-Cyber Defender program by the National Security Agency and requires additional faculty in cybersecurity and engineering to provide for the technical workforce development demands for the SRNL/AMC, and technical workforce in the region. USC Aiken has a high rate of students attending from the region and remaining in the community upon graduation. This is a key element for these high demand fields. The programs align very well with the DOE's and regional industry strategic workforce development goals and applied research outcomes for cyber, computing sciences, manufacturing, and engineering workforce outcomes. USC Aiken engages tens of thousands of K-12 students each year in STEM activities. These activities are provided to K-12 students and teachers through the Ruth Patrick Science Center and the academic departments; with this plan we will augment these programs with activities such as the GenCyber Camps, a topic of high relevance to the Lab. USC Aiken's science and engineering curriculum is based on providing high impact undergraduate experiences including industry led capstones, undergraduate research, and internships with strong workforce ready outcomes. USC Aiken collaborates with more than forty regional companies, SRNL, SRMC, on SRNS on capstone projects and internship opportunities for undergraduate students. Of the funds allocated for the system, 10% will be allocated to USC Aiken.

## South Carolina State University

South Carolina State University (SCSU) is a historically Black, public, 1890 land-grant senior comprehensive institution, located in Orangeburg, South Carolina. SCSU is committed to providing affordable and accessible, quality baccalaureate programs; programs of particular interest to SRNL include business, applied professional science, mathematics, natural sciences, engineering, engineering technology, and education. SCSU has operated its Environmental Field Station with SRNL since 1995. In collaboration with SRNL, the field station offers a variety of Environmental Science courses and provides opportunities for students to participate in research projects. In addition, SCSU has conducted a number of joint research projects funded by the laboratory and DOE in areas such as: 1) Natural Attenuation Progress, Plume Movement, and Source Reduction for volatile organic compound (VOC) plumes; 2) Data Acquisition and Temporal Data Mining (TDM) System Health Physics commissioning (ISD) Sensor Network Test Bed; 3) Analyze of Fission Products from Nuclear Processes and Technology; 4) Detection of Sphingomonas Strains for use in Polycyclic Aromatic Hydrocarbon Degradation; 5) Radiochemistry/Health Physics/Nuclear Engineering; and 6) Enhancement of Environmental Remediation Monitoring and Student Training. Also, SCSU currently has one jointly appointed faculty with SRNL.

**Impact of State Funds:** The SCSU College of Science, Technology, Engineering, Mathematics, and Transportation (CSTEM-T) is organized into the Department of Engineering, Department of Engineering Technology, Department of Computer Science and Mathematics, and the Department of Biological and Physical Sciences. Through these administrative units, the college provides the educational setting, the laboratories, the programs, and the faculty to assist students in developing the professional and technical competencies required to function effectively in their career fields. CSTEM-T is committed to strengthening its biological and physical sciences, mathematics and computer science, and engineering departments that are directly relevant to the SRNL mission. The SRNL funding will support tenure-track faculty hires in specific areas of interest including environmental engineering and sciences (biology; chemistry and radiochemistry), health physics, nuclear engineering, and cyber security and networking. SCSU will also support significant scholarships, fellowships, and SRNL internships for its undergraduate students. Further, the state funding will support: 1) two Centers of Excellence (Center for Energy and Environmental Solutions and the Center for Nuclear Criticality and Radiochemistry); 2) the placement of faculty (jointly appointed at SRNL) in mission-relevant areas; 3) the establishment of two pre-college institutes (Summer Bridge Program and Summer Science Institute); and 4) lab enhancements, namely equipment and modifications to conduct cutting-edge research and provide a high-quality educational experience to STEM students.

## Clemson University

Clemson University has collaborated closely with SRNL for more than four decades on a wide range of initiatives. Clemson's Center for Nuclear Environmental Engineering Sciences and Radioactive Management (NEESRWM) has worked with SRNL scientists on environmental health physics, radioactive waste processing, environmental risk assessment, the nuclear fuel cycle, radiation detection and measurement, environmental radiochemistry, environmental remediation, nuclear forensics, and radioecology. Clemson's Dominion Energy Innovation Center is a \$100 million world-class facility that houses (i) eGRID (Electrical Grid Research Innovation and Development), a 15-megawatt hardware-in-the-loop grid simulator; and (ii) the world's most-advanced wind-turbine drivetrain testing facility capable of full-scale highly accelerated mechanical and electrical testing of advanced drivetrain systems for wind turbines. The Dominion Center supports education, research, and economic development to

speed new electrical technologies to market. Clemson and SRNL scientists have collaborated on grid modernization and cyber physical security-related projects. SRNL scientists have frequently utilized Clemson's Electron Microscopy Facility, which has more than \$20 million in state-of-art, high-resolution transmission electron microscopes, scanning electron microscopes, a combined Focused Ion Beam (FIB)/SEM microscope, and scanning X-ray photoelectron spectroscopy microprobe for a wide range of specimens. Other key Clemson units have ongoing relationships with SRNL, including the Center for Advanced Manufacturing (CAM), the Clemson Vehicle Assembly Center, the Center for Workforce Development (CUCWD), the Clemson Nanomaterials Institute and the Advanced Materials Innovation Complex (AMIC) facility under construction in Clemson.

**Impact of State Funds:** Clemson will develop several workforce development programs, including undergraduate scholarships, graduate fellowships, and postdoctoral scholar support programs for domestic students, particularly South Carolina students. These efforts will cover STEM disciplines aligning with the principal focus areas of SRNL and will link the work at SRNL to students' fields of study.

Clemson will hire interdisciplinary faculty and research scientists with established research and educational reputations to support the mission of SRNL in the areas of advanced materials and manufacturing, energy generation, storage and distribution, artificial intelligence, cyber-physical security, and nuclear environmental management and security. State funds will be critical for providing competitive start-up packages and research infrastructure, as well as stipends, to highly sought talent. These faculty will train the next generation of workers to meet the SRNL's needs, as well as to collaborate with SRNL scientists to attract competitive research funding from federal agencies and industries. As indicated in the BSRA proposal to DOE, Clemson will also make a cluster hire of research scientists and engineers in power electronics and power systems research for the eGRID facility at the Dominion Energy Center to support the national security mission area of SRNL. This will provide critical mass and expertise unavailable elsewhere nationally and will advance technologies from lower to higher TRL levels.

Funds will also be instrumental in updating world-class laboratory equipment aligned with SRNL mission areas, providing students and researchers access to the latest fabrication and characterization equipment in support of environmental management, advanced manufacturing, national security, and science and energy applications.

This endeavor will build upon decades of collaborative research between Clemson and SRNL. Current formal relationships are through BSRA joint faculty appointments (under a comparable model to the current SRNL/Clemson Joint Appointee Professor Brian Powell), and large research initiatives such as the Mesoscale Transport and Flux Facility (MTaFF). We expect these funds to enable deeper and broader collaborations with SRNL and other BSRA partners.

### Ongoing Collaborative Activities

In the 2+ years since BSRA assumed management of the Lab, the South Carolina universities have been active participants in many collaborative initiatives with the Lab.

- **BSRA LLC Board of Directors:** The Board holds three in-person meetings per year, at locations alternating between the site, one of the member universities, and so far, one meeting in Washington DC. Each university provides one Board member; Professors Tanju Karanfil (CU), Louis Whitesides (SCSU), and Michael Matthews (USC System) are the Board representatives for their respective institutions. Board meetings typically include the Director and two Deputy Directors of SRNL, as well as selected Associate Lab Directors and the Director of Innovation and University

Engagement. After each meeting, the Board makes detailed recommendations to the Laboratory Director.

- **Mission Committee of the BSRA LLC Board:** The Mission Committee meets three times per year, in advance of the full Board meetings. The Mission Committee reviews programs including new initiatives and new funding, current and planned facilities and testbeds, and progress toward in this university-Lab WFD collaboration. The Mission Committee reports to the full BSRA Board.
- **SRNL Annual Collaboration Exchange meetings:** SRNL organizes a major meeting each summer, focusing on selected research priorities of the Lab. The universities will continue to support faculty, post-doctoral researchers, and students to participate in the meeting. The meeting results in one-on-one interactions with Lab researchers, leading to development of funded programs.
- **SRNL Student poster sessions:** The Lab hosts two poster sessions each year. This allows Lab personnel to interact with SC university students at the undergraduate, graduate, and post-doctoral levels, with a primary goal of introducing university students to careers in the Lab.
- **SRNL Summer Intern program:** The Lab hosts qualified undergraduate and graduate students for summer research internships, where they are supervised and mentored by Lab personnel. The SC university partners, along with the Lab-relevant faculty, promote these opportunities to our students. SRNL has established a formal presence in the career placement centers of each university; this is another avenue by which internship and permanent job openings are advertised.
- **SRNL Post-doctoral Fellowships:** The Lab has a robust program to recruit domestic post-doctoral scientists and engineers to two-year positions at the Lab. University Joint Appointees collaborate with SRNL staff to prepare funding proposals for these positions, and the university collaborator then participates in mentoring of the postdoc and in publishing scientific results. One goal is to turn these into permanent Lab staff positions. Another desired outcome would be for the postdoc to accept a faculty position at a SC university, thus maintaining strong intellectual and collaborative relationships over the long term.

## **New Workforce Development Activities Supported by State Funding**

### **Objectives**

The overall objective of this research partnership and workforce training program is to develop a workforce development pipeline that will provide SRNL with new talent. As the partnership matures, we will also respond to the Lab's requests for short courses and certificates that support the professional development of its employee base. As a result of these activities, after five years the SC Universities expect to double DOE and energy-related research funding from the current base of approximately \$40M in new awards annually to a sustainable \$80M in new awards per year.

As originally proposed to DOE, the universities will develop a multi-tiered WFD initiative comprising (Table 1):

- 1) precollege student workforce pipeline;
- 2) undergraduate student programs;
- 3) graduate student programs;
- 4) post-doctoral scientist program; and
- 5) research and continuing professional development program.

Currently, staff who work within the Lab must be able to obtain security clearance, thus the emphasis on domestic students and especially a focus on SC students. The University of South Carolina System, SC

State University, and Clemson University will use state funding to support the various tiers of the WFD initiative along with programmatic operations necessary to provide coordination.

### Program Metrics and Accountability

Table 1 below summarizes the aggregated metrics that will be reported as required by the state (a detailed breakdown by university is given in Table 3 following). The metrics shown are headcounts, for example, number of pre-college students attending events, number of students undergraduates receiving scholarships or conducting research, or number of new hires. The three universities will also report WFD outcomes to the BSRA LLC Board of Directors, which meets three times each year. Board meetings are an additional mechanism to ensure collaboration and accountability among the partners. While this plan encompasses three years, it is recognized that specific accomplishments will vary from the original plan. Because university personnel are members of the Battelle Savannah River Alliance, LLC (BSRA), all annual plans for the expenditure of funds will be approved by BSRA.

The universities must report quarterly to the Commission on Higher Education (CHE) regarding the expenditure of funds by program element on a form developed by CHE. CHE will then provide this information to the House Ways and Means Committee, the Senate Finance Committee, and the Office of the Governor. The universities will annually present a report to CHE documenting expenditures incurred, and progress made toward achieving the objectives.

**Table 1.** Programmatic Metrics.

Tiers	Programs & Activities	3-Year Goals
Pre-College Student Workforce Pipeline	Summer Bridge Program (SCSU)	150 students
	Summer Science Institute (SCSU)	150 teachers
	GenCyber Camps (USC-Aiken)	150 HS students; 100 STEM teachers
	Summer Scholars Institute USCA	90 students
	Summer math bridge pgm USCA	100 students
	Support to local STEM education K-12 RPC Cyber outreach	300 teachers
Undergraduate Student Programs	Undergraduate fellowships or research assignments	125 undergraduates
	Graduate fellowships	60 graduate students
Graduate Student Programs	Graduate Student Stipends and Fellowships	55 graduate students
Postdoctoral Scientist Program	Post-doctoral fellowships	13 postdocs
Research and Continuing Professional Development Program	Visiting scientists	5 visiting scientists
	New Hires-Faculty <sup>3</sup>	20 new hires
	New Hires-Scientist/Staff	6
	Certifications/coursework for SRNL staff	50 SRNL employees

<sup>3</sup> New faculty hires will be made in areas that mutually support the core competencies needed for SRNL mission and the academic disciplines of the SC universities. SRNL mission priorities include environmental remediation, nuclear materials processing, data science and computer simulation, energy security, engineering and advanced manufacturing, nuclear non-proliferation, and national security including cyber-physical security. Accordingly, the SC universities currently expect that the 20 hires shown will be in the following academic disciplines: Chemistry and Materials Science-4; Electrical Engineering-3; Computing Sciences-3; Chemical Engineering-3; Mechanical and Nuclear Engineering-4; Physics-1; Environmental Science/Engineering including Biology-2.



## Common Program Elements and Budget Categories

Specific activities to be funded are described in the Common Program Elements below; Elements 1-5 correspond to the Program Metrics (Table 1) and to the first five lines in “Program Element” of Table 2, Budget Breakdown, which follows. Each institution will internally fund efforts in the various tiers in keeping with their institutional missions and focus areas. Table 2 also shows the planned expenditures by Program Element for each individual institution.

1. Precollege Student Workforce Pipeline Programs (USC Aiken and SC State) – SCSU will establish a Summer Bridge Program and a Summer Science Institute to serve pre-college students and teachers, especially those that are historically under-represented in STEM fields. The three-year Goal is 150 participants in each program. The Summer Bridge Program will be a 5-week program for high school students who have been accepted into a STEM program at SCSU. The Summer Science Institute will allow the participants, who are high school science teachers, a chance to work with SCSU faculty and undergraduate and graduate students, perform research, and visit SRNL facilities. In addition, the participants will have the opportunity to hear discussion on research topics by professors from other universities (Clemson and University of South Carolina) and SRNL. Each participant will develop classroom science materials and take several resources back to the classroom, which is an excellent way for educators to increase their SRNL/science knowledge and gain valuable hands-on experience that will invigorate excitement in the classroom and raise their comfort level in teaching a science curriculum.

Expansion of the Ruth Patrick Science Center program at USC Aiken will focus on increasing the cybersecurity workforce via the GenCyber Camps, which will reach 150 students and 100 teachers over the course of this plan. USC Aiken will also expand its engineering workforce with The Summer Scholars Institute (a summer research activity) and the Summer Math Bridge program, for students requiring additional math preparation before starting college STEM courses.

2. Undergraduate Student Programs (All SC institutions) – The universities will offer a combination of undergraduate fellowships supporting academic year research with DOE-oriented faculty, and summer research programs that will help identify undergraduate students to recruit for graduate programs. For these summer programs, SRNL staff will participate by offering lab tours and opportunities to interact with research staff. There will be a strong focus to attract South Carolina students from STEM departments around the state. The cumulative goal is at least 115 new BS degrees in STEM fields.
3. Graduate Student Programs (Clemson and USC Columbia) – To meet the SRNL and DOE missions, domestic graduate students will be recruited by the universities and will be trained by junior and senior faculty working with SRNL in mission relevant areas. A full stipend and tuition for a predetermined period, at a level that is roughly equivalent to a National Science Foundation (NSF) graduate fellowship, may be offered. Alternatively, for graduate students with existing support a stipend supplement or a grant for tuition may be offered. The collective goal is to support at least 55 domestic graduate students to obtain their advanced degrees.
4. Postdoctoral Scientist Programs (Clemson and USC Columbia) – Approximately 13 Postdoctoral scientists will be recruited by the universities for typically two-year appointments. STEM post-docs will be selected to work with university faculty in SRNL mission-relevant areas. Postdoctoral

scientists will be introduced to collaborators at SRNL. Through this program, the postdoctoral scientists will be equipped to continue a professional career supporting the DOE mission, either at the Lab or in another professional capacity.

5. **Research and Continuing Professional Development Program (All SC Institutions)** – A key component of this joint plan is for the universities to (a) add new Lab mission-relevant faculty and (b) to recruit visiting scientists to conduct joint research. These personnel will connect world-class skills and expertise of the BSRA academic partners with new program activities in each SRNL mission area (e.g., environmental management, national security, energy, science). Our goals include 32 new faculty hires, 8 visiting scientists, and 6 hires at the level of research scientist/staff to support large research teams and interdisciplinary projects. For new STEM faculty hires on 9-month contracts, a portion of the startup expenses (i.e., lab equipment and renovations and some salary in the summer) will be funded using the allocated state budget, according to university policies. These faculty will be recruited with the goal of increasing collaborative DOE and energy-related research funding within the state of South Carolina. Visiting scholars will spend a sabbatical year jointly between the universities and the Lab. This is a strategic tactic for recruiting leading researchers into South Carolina universities and to SRNL. Appropriate departmental appointments for visiting scholars will be arranged on a case-by-case basis, and may include appointments as an adjunct, visiting or research (non-tenure track) faculty member.

An additional goal in the original BSRA proposal to DOE was to develop focused technological education programs (e.g., short courses and/or credentials) for the continuing professional development of approximately 50 SRNL staff. (Note that no new bachelors or graduate degree programs will be developed using state funding.) This professional development effort for SRNL will be greatly enhanced by completion of the \$20M Joint Workforce Development facility, funded in 2022 by the state legislature and currently in planning in downtown Aiken, SC. In general, these educational programs will be in STEM fields such as actinide science, cyber security, nuclear and radiation safety, data science, virtual reality, advanced manufacturing, environmental analysis, or additional subjects such as business and project management. The specific topics will be identified during the execution of this plan.

6. **Equipment and Lab Infrastructure (All SC Institutions)** – Refer now to Table 2. SRNL's plans for WFD call for significantly enhanced collaborative research and education with its university partners. Supporting the SRNL mission areas require cutting-edge equipment and laboratories at the universities, as well as in the Lab. Equipment and infrastructure will support recruitment of faculty and students, collaborative research with Lab personnel, and competitiveness in seeking federal funding. Each university plans investments in areas including cyber physical security, nuclear science and engineering, chemistry and materials science, grid infrastructure, and data science.
7. **Program Management and Seed Programs (All SC Institutions)** – To ensure collaborative execution of this WFD plan, each institution will fund personnel to assist with program management. The university program managers will coordinate recruitment, marketing, collaborative travel, and messaging. A critical need for the Lab is to recruit and retain domestic staff to work at the Lab. The typical undergraduate or graduate STEM student has no awareness of the types of careers and work available in a national laboratory setting. So, in addition to the

Program Elements described above, USC System, CU, and SC State will develop and support an annual “National Laboratory Career Day” to be held annually on a rotating basis on one of our campuses. The overall program will invite National Lab employees to meet face to face with STEM students; this event will allow for question-and-answer as well as formal presentations. The desired goal of the Career Day is to create awareness and interest in careers, thus helping create and fill the pipeline for the future workforce. The universities also intend to use Program Management funds in the form of seed grants for highly meritorious activities that have high potential to lead to increased funding from DOE.

## Budget Breakdown and Spend Plan

Table 2 shows the anticipated total expenditures plus commitments under each program element described above. (Note that the color coding in Table 2 corresponds to Table 3, the Schedule of Engagement.) The planned period of expenditures plus commitments is based on three years (36 months) from the time of awarding of the funds. The timing of expenditures depends strongly on success in recruitment of domestic faculty, students, and staff. Faculty recruitment especially is highly competitive, and negotiations are sometimes protracted. The universities will report budget activities as follows: actual expenditures, commitments made to new hires when offers have been accepted, and as commitments made to authorize the searches for the positions. When offers are accepted, we will be better able to predict an actual schedule of expenditures. We will update Tables 2 and 3 based on our progress, which will help us to improve our projections for following years. Our goal is to have all funds committed by the end of Year 3. We have assumed a start date of 1 July 2025, the beginning of fiscal year 2025. The budget lines in Table 2 are estimated based upon internal university planning. Funding may be reallocated from different programs as the overall program fully matures and lessons learned are incorporated by each university and the Lab.

**Table 2.** Budget breakdown by school and program element. Spending plan for FY25 through FY27 by school and program element.

Program Element	USC System	Clemson	SC State
Precollege Student Workforce Pipeline Programs	\$0.29M	\$0.00	\$0.71M
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$0.82M	\$0.60M	\$2.40M
Graduate Student Programs	\$2.99M	\$1.05M	\$0.00
Postdoctoral & Research Scientist Program	\$1.20M	\$2.13M	\$0.00
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical, Education)	\$7.72M	\$9.00M	\$2.82M
Equipment and Lab modifications	\$2.02M	\$2.30M	\$1.59M
Program Mgmt./Seed Program	\$0.96M	\$0.92M	\$0.48M
<b>Total</b>	<b>\$16,000,000</b>	<b>\$16,000,000</b>	<b>\$8,000,000</b>



**Table 2 (continued).** Budget breakdown by school and program element. Spending plan for FY25 through FY27 by school and program element.

Clemson	Total Budget (All Years)	FY2025 (12 mos)	FY2026 (12 mos)	FY2027 (12 mos)
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$600,000	\$150,000	\$300,000	\$150,000
Graduate Student Programs	\$1,050,000	\$245,000	\$525,000	\$280,000
Postdoctoral & Research Scientist Program	\$2,130,000	\$675,000	\$1,065,000	\$390,500
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical, Education)	\$9,000,000	\$3,150,000	\$3,150,000	\$2,700,000
Equipment & Lab modifications	\$2,300,00	\$1,800,000	\$500,000	
Program Mgmt./Seed Program	\$920,000	\$306,667	\$306,667	\$306,667
<b>Clemson Totals</b>	<b>\$16,000,000</b>	<b>\$6,326,667</b>	<b>\$5,846,667</b>	<b>\$3,827,167</b>

University of South Carolina System	Total Budget (All Years)	FY2025 (12 mos)	FY2026 (12 mos)	FY2027 (12 mos)
Precollege Student Workforce Pipeline Programs	\$290,000	\$48,000	\$125,000	\$117,000
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$820,000	\$120,000	\$400,000	\$300,000
Graduate Student Programs	\$2,990,000	\$450,000	\$1,270,000	\$1,270,000
Postdoctoral & Research Scientist Program	\$1,200,000	\$200,000	\$500,000	\$500,000
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical)	\$7,720,000	\$2,500,000	\$3,720,000	\$1,500,000
Equipment & Lab modifications	\$2,020,000	\$525,000	\$1,195,000	\$300,000
Program Mgmt./ Seed Program	\$960,000	\$320,000	\$320,000	\$320,000
<b>USC System Totals</b>	<b>\$16,000,000</b>	<b>\$4,163,000</b>	<b>\$7,530,000</b>	<b>\$4,307,000</b>

South Carolina State University	Total Budget (All Years)	FY2025 (12 mos)	FY2026 (12 mos)	FY2027 (12 mos)
Precollege Student Workforce Pipeline Programs	\$710,000		\$355,000	\$355,000
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$2,400,000	\$240,000	\$1,080,000	\$1,080,000
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical)	\$2,820,000	\$1,380,000	\$1,200,000	\$240,000
Equipment & Lab modifications	\$1,590,000	\$530,000	\$795,000	\$265,000
Program Mgmt./ Seed Program	\$480,000	\$160,000	\$160,000	\$160,000
<b>SCSU Totals</b>	<b>\$8,000,000</b>	<b>\$2,310,000</b>	<b>\$3,590,000</b>	<b>\$2,100,000</b>
<b>SC Schools Yearly Totals</b>	<b>\$40,000,000</b>	<b>\$12,799,667</b>	<b>\$16,966,667</b>	<b>\$10,234,167</b>

## Schedule of Engagement

Table 3 shows current plans for specific WFD activities and the associated engagement of individuals (students, teachers, and various professionals). “Engagement” means that an individual is identified with an activity (for instance, a student is receiving a scholarship, or a new faculty member is hired). The universities operate on summer, fall, and spring schedule, with summer terms beginning mid-May. Because FY 25 starts 1 July 2024, in the middle of a summer term, engagement in summer 2025 is mostly zero except for high-school oriented activities at USC-Aiken, where SRNL WFD funds will augment their already-planned programs. Overall, engagement in FY 2025 will be low compared to subsequent FYs because of the timing of the funds and the lag in advertising, recruitment, and outreach efforts. We plan for three full summers (2026, 2027, and 2028); headcounts shown in FY 27 cover summers of CY 27 and 28.

While Table 1 shows the aggregated goals for the SC universities, Table 3 shows new engagements by term for each university. The entries in Table 3 are distinct headcounts, for instance, a scholarship or fellowship offered to a new student. Note that an undergraduate receiving a fellowship in a given academic term would continue receiving that fellowship in subsequent terms. In the case of undergraduate and graduate students, the entries marked with an asterisk (\*) represent the number of degrees that we expect to grant, including years beyond these three FYs. The hiring of research scientists and new faculty are likewise distinct headcounts. The cumulative headcount goals for each activity program are shown in the last column. We plan to commit all funds by the end of FY 2027, but students on fellowships, or new faculty receiving funds for starting up laboratories may incur expenditures beyond FY 2027.

Referring to the several teacher- and student-oriented rows in Table 3, these activities will commence in FY 2025 at USC Aiken. The universities anticipate offering the first round of undergraduate scholarships in Fall of FY 2025 and ramping up the intake of students in the next two fiscal years. Summer undergraduate research activities will begin in FY 2026, and we plan to support UG research for three summers. The recruitment of domestic graduate students for the STEM fields is challenging; we will ramp up recruitment and outreach in FY 2025 to increase the number of incoming students in subsequent years.

Subsequent rows in Table 3 concern hiring of research staff, new faculty, and other professionals. The timing of these is more difficult to predict because of the challenging marketplace and the time required for recruitment and negotiation of offers. Given the timing of the WFD funds, start dates in Fall 2025 are not probable so the first incoming professionals are planned for in Spring of FY 2025, or January of CY 25. The equipping of laboratories and the purchase of equipment will follow the arrival of new faculty and professional staff.

These SRNL WFD activities will lead to a doubling in energy and SRNL-related federal awards, not only from the Department of Energy/SRNL but from agencies such as the National Science Foundation, Army Research Office, and others that have related programs in materials science, environmental engineering, energy science and security, cyber security, and other fields related to the SRNL mission. In the current funding climate, “workforce development” has become a consistent theme even in traditional basic research funding, so establishing a strong workforce development program in South Carolina with these funds will position our universities to significantly leverage this initial \$40M investment. Our new faculty and professional staff hires will submit additional proposals that complement our existing expertise. This, along with the increase in the domestic research workforce, will position the universities in an enhanced competitive position. We expect a two-to-one leveraging of the state’s \$40M investment, leading to \$80M in new funding cumulatively that can be directly associated with this plan.

**Table 3.** Detailed Schedule of Engagement by Institution and Academic Term (\* indicates students who should receive a degree)

Clemson	FY2025 (12 mos)			FY2026 (12 mos)			FY2027 (12 mos)			Cum. Count
Activity	Su	F	Sp	Su	F	Sp	Su	F	Sp	3+ Yrs.
Undergraduate Scholarships & GI Bill students		5			15			20		40*
Summer undergraduate research students				10			20			30
Incoming Graduate Students		5			10					15*
Postdoctoral Students & Research Scientist Program			3		2					5
Research Scientists hired		1	2							3
Visiting Scholars incl. sabbaticals					2			2		4
New faculty hired			4		3		3			10
Laboratories equipped and outfitted					2		3			5
New professional development courses					1			1		2

University of South Carolina System	FY2025 (12 mos)			FY2026 (12 mos)			FY2027 (12 mos)			Cum. Count
Activity	Su	F	Sp	Su	F	Sp	Su	F	Sp	3+ Yrs.
GenCyber Camp-HS students	40			55			55			150
GenCyber Camp-Teachers	20			40			40			100
Summer Scholars Institute	30			30			30			90
STEM Teacher Outreach-RPC	100			100			100			300
Undergraduate Scholarships & GI Bill students		5			20			20		45*
Summer undergraduate research students				20			40			60
Incoming Graduate Students		5			20			15		40*
Postdoctoral Students & Research Scientist Program			1		3			4		8
Research Scientists hired		1		1						2
Visiting Scholars incl. sabbaticals					2		2			4
New faculty hired			2		5			4		11
Laboratories equipped and outfitted					2		5			7
New professional development courses					1			1		2

South Carolina State University	FY2025 (12 mos)			FY2026 (12 mos)			FY2027 (12 mos)			Cum. Count
Activity	Su	F	Sp	Su	F	Sp	Su	F	Sp	3+ Yrs.
Summer Bridge Pgm-HS Students				50			100			150
Summer Science Inst.-Teachers				50			100			150
Undergraduate Scholarships & GI Bill students			5		15			10		30*
Summer undergraduate research students				5			10			15
Research Scientists hired			1							1
New faculty hired			3		4			4		11
Laboratories equipped and outfitted					3		4			7
New professional development courses						1			1	2



# Research Partnerships and Workforce Training Programs



**Boosting Workforce Development**

**Next Generation Scientists & Innovators**

**High Impact Science**

**In support of the Battelle Savannah River Alliance  
Savannah River National Laboratory**



# Leading the way—Research Partnerships and Workforce Training Programs

**Submitted Jointly by**

*Michael Amiridis* *Alexander Conyers*

**Dr. Michael Amiridis**  
President,  
University of South Carolina

**Alex Conyers**  
President,  
South Carolina State University

*James P. Clements*

**Dr. James Clements**  
President,  
Clemson University

## Executive Summary

The research partnership and workforce development programs as described below which support the Battelle Savannah River Alliance, LLC (BSRA) and the Savannah River National Laboratory (SRNL) are developed and operated by Clemson University, South Carolina State University, and the University of South Carolina System (Columbia and Aiken campuses). These institutions will use the \$40 million authorized by the South Carolina legislature, with the support of Governor Henry McMaster, to support our workforce development (WFD) initiatives. BSRA, LLC operates the SRNL with support from its five subcontractor universities (Clemson, Ga Tech, University of Georgia, South Carolina State University, and the University of South Carolina System). BSRA, which is wholly owned by Battelle Memorial Institute, was awarded the SRNL management contract on December 22, 2020.

The overall objectives of this research partnership and workforce training program are to:

1. Develop and operate a long-term workforce development pipeline that will provide SRNL with new talent at the Bachelors, Masters, and Doctoral levels;
2. Enhance the research and educational capacity of the SC universities with hiring of new faculty and research staff; and
3. Support the SRNL employee base by providing topic-specific and focused training.

This plan will enable SRNL to grow and expand its impact from a national and international perspective. SRNL must attract, motivate, and train a diverse world-class workforce to execute BSRA's Vision. The universities will employ outreach strategies that ensure and expand participation by South Carolina residents.

To fulfill the obligations of the BSRA proposal and Governor McMaster's funding commitment, the SC universities plan a workforce development program that includes the following elements:

- Precollege Student Program to develop the future workforce with programs for students and teachers (USC Aiken and SC State)
- Undergraduate Student Program, to support scholarships and research opportunities for STEM and relevant disciplines (Clemson, SC State, USC Columbia, and USC Aiken, producing a cumulative 115 new STEM Bachelors degrees)
- Graduate Student Program, to grow the domestic research workforce seeking Masters and Doctoral Degrees (Clemson and USC Columbia, producing a cumulative 55 new advanced degrees)
- Postdoctoral Scientist Program, to support university research and to encourage careers as permanent staff to the Lab (Clemson and USC Columbia)
- Experienced Scientist Program, to add new faculty, research staff, and visiting scholars to the university talent pool, thus increasing research collaborations and competitiveness for increased funding of SRNL and SC institutions.
- Professional Development of SRNL Employees, to provide cutting-edge skills and knowledge (Clemson, SC State, USC Columbia, and USC Aiken)

The South Carolina universities have had and will continue to have substantial collaborations with SRNL and BSRA, LLC. The universities and the SRNL have annual collaborative meetings and student poster sessions each year. Students and graduates from the universities apply for and fill summer internships and postdoctoral positions available at SRNL. University personnel are members of the BSRA, LLC Board of Directors. The University of South Carolina Aiken hosts the SRNL-operated Advanced Manufacturing Collaborative, a public-industry research facility, which is scheduled to open in 2025.

## Table of Contents

Executive Summary.....	3
Background on SRNL.....	5
The Universities and Their Current Relationship with SRNL.....	6
The University of South Carolina System.....	6
South Carolina State University.....	8
Clemson University.....	8
Ongoing Collaborative Activities.....	9
New Workforce Development Activities Supported by State Funding.....	10
Objectives.....	10
Program Metrics and Accountability.....	11
Common Program Elements and Budget Categories.....	12
Budget Breakdown and Spend Plan.....	14
Schedule of Engagement.....	16

## Background on SRNL

The Savannah River National Laboratory (SRNL, or the Lab), one of seventeen national labs for the U. S. Department of Energy (DOE), became an independent, federally funded research and development center (FFRDC) in 2021, with the award of the Management and Operations (M&O) contract to Battelle Savannah River Alliance LLC (BSRA). BSRA is a subsidiary of Battelle Memorial Institute, which manages eight other DOE National Labs. Prior to 2021, SRNL was managed by Savannah River Nuclear Solutions LLC, an industrial contractor, and was but one component of the overall site operations.

The University of South Carolina System (USC Columbia & USC Aiken), Clemson University (CU) and South Carolina State University (SCSU) were active participants with Battelle in crafting their M&O proposal to DOE. The universities were assigned a specific role in workforce development (WFD) for the Lab. A brief timeline of activities from proposal writing to award is given below:

- **January 2020-July 2020:** BSRA capture team enlists five universities (USC system, Clemson, SC State, UGA, and Georgia Tech) whose role in the M&O proposal is “Workforce Development.”
- **August 2020:** Governor McMaster provided a letter of commitment to seek \$100M in state funding in support of the three SC universities and their efforts in workforce development<sup>2</sup>.
- **Dec. 22, 2020:** BSRA LLC was selected as M&O Contractor. Each university is a subcontractor to BSRA and holds a voting membership on the BSRA Board of Directors.
- **June 2023:** With the support of Gov. McMaster and university leaders, the SC legislature authorized \$40M for the three SC universities<sup>1,2</sup>.

SRNL has a unique role within the Department of Energy’s national laboratory family for two specific reasons:

- First, SRNL is the nation’s leading research and development center for the DOE Office of Environmental Management (EM) and Office of Legacy Management (LM).
- Second, SRNL serves a critical role for the National Nuclear Security Administration (NNSA) in both weapons and nonproliferation programs. SRNL provides effective solutions for these national programs.

<sup>1</sup> South Carolina Budget [FY 2023-2024 South Carolina Budget - South Carolina Legislature Online \(scstatehouse.gov\)](https://www.scstatehouse.gov/budget) 11.24. (CHE: Battelle Alliance at Savannah River National Lab) Of the funds appropriated for the Battelle Alliance, twenty percent shall be allocated to South Carolina State University, forty percent to the University of South Carolina, and forty percent to Clemson University. The funds must be expended collaboratively to conduct research partnerships and develop workforce training programs designed to fill engineering, science, research, and management positions. The three universities shall provide the Battelle Alliance with accredited academic personnel, intellectual capital, and resources necessary to build out research capabilities and programs. Prior to the allocation or expenditure of any funds, the three universities shall collaborate and submit to the Commission on Higher Education a comprehensive plan and timeline for how the funds will be utilized to further the mission and support of the Savannah River National Lab. The plan also must be reviewed by Battelle for alignment with laboratory missions and university goals. This collaborative plan must be submitted to the Commission on Higher Education and approved by its Board of Commissioners. After approval of the plan, the commission shall submit the plan to the Joint Bond Review Committee for review and comment and to the State Fiscal Accountability Authority for approval before any funds can be allocated or expended. If the plan is not approved by June 30, 2024 by the Commission on Higher Education, Joint Bond Review Committee, and State Fiscal Accountability Authority, all funds must then be remitted back to the general fund of the state. Funds allocated for this purpose shall not be transferred or utilized for any other purpose.

<sup>2</sup> The University of South Carolina System was included in the original BSRA SRNL proposal to DOE so both the USC Columbia and USC Aiken’s campuses and resources could be used for the SRNL workforce development effort.



DOE expects SRNL to grow and modernize to ensure it meets the future mission needs for the Department. SRNL has three top-level mission areas: 1) Environmental Management and Legacy Management; 2) National Security; and 3) Science and Energy Security. As a multi-program applied science national laboratory, SRNL's focus is delivering high quality scientific and technology solutions. SRNL utilizes science, technology, engineering, and math (STEM) expertise in the chemical, biological and physical sciences, and engineering, as well as high performance computing, to discover new materials, improve system performance, develop advanced manufacturing solutions, augment inspection approaches, enhance energy systems, and drive new control strategies for critical assets. In addition to its STEM workforce needs, SRNL and BSRA are creating the modern support infrastructure of functional organizations that will enable growth in innovative programs and technical areas.

Specifically concerning workforce development, SRNL must attract, motivate, and train a diverse, world-class domestic workforce to execute BSRA's Vision. **Therefore, the SC universities will use the \$40M appropriation (which is the first installment in the governor's pledge of \$100M) to support a WFD initiative that will provide SRNL with a long-term pipeline for new talent acquisition by recruiting and educating the state's residents while also bringing in additional talent as needed from around the country.** This WFD initiative will also further the careers of the existing employee base at SRNL. The SC universities have world-class programs and facilities to educate the workforce in all the STEM fields that support the Lab. In addition, the SC universities each have programs in business, finance, accounting, communication, social science, and other non-STEM areas that will support the infrastructure of the Lab. The universities also have formal programs for outreach to the technical college system; these include several articulation agreements in various degree programs, and infrastructure such as the Center for Workforce Development at Clemson and Palmetto College at USC Columbia. Recognizing that a strong enduring national laboratory requires a talented, diverse workforce, the inclusion of Historically Black Colleges and Universities (HBCUs) and an intense focus on minority-serving institutions is purposefully infused into BSRA's vision by including an HBCU (SC State) as a principal partner.

## The Universities and Their Current Relationship with SRNL

### The University of South Carolina System

SRNL and the USC system have conducted a host of joint research projects funded by the laboratory and DOE. Research projects span the breadth of USC Columbia's College of Engineering and Computing and College of Arts and Sciences as well as USC Aiken's campus. Projects cover subjects such as advanced catalysis for upcycling plastic waste, molten salt technology for advanced nuclear reactor designs, new crystalline materials for immobilizing nuclear waste, machine learning for designing and evaluating advanced energy materials, and advanced sensors for monitoring nuclear storage sites and for nuclear non-proliferation. USC Columbia is home to the McNair Center, the Horizon energy and materials building, the Artificial Intelligence Institute, the DOE Energy Frontiers Research Center for Hierarchical Waste Forms, and facilities including the Electron Microscopy Center and the X-Ray Photoelectron Spectroscopy Center, all of which have supported SRNL collaborations. USC Columbia currently has two jointly appointed faculty with SRNL. USC Aiken is the site of the DOE-sponsored Advanced Manufacturing Collaborative (AMC), which is a \$60 million facility scheduled to open by the first quarter of 2025. The AMC, which will be operated by SRNL, will have unique capabilities and will bring together SRNL with academia and industry for collaboration.

**Impact of State Funds:** The USC System will broaden their current programs in pre-college, undergraduate, and graduate education, as well as through recruitment of post-doctoral scholars and new faculty who will collaborate and raise significant funding for WFD and research.

USC Columbia's goals are to strengthen the partnership by focusing on recruitment of domestic undergraduate and graduate students, thus serving SRNL's requirement of a domestic workforce serving their missions in national security and resilience. This will be done by coordinating recruitment efforts across the relevant science, technology, engineering, and mathematics (STEM) disciplines, by offering financial aid in the form of research internships in the summer and academic semesters, and by providing nationally competitive stipends for graduate students and post-doctoral research.

The USC system will also increase the number of faculty working in fields that support SRNL's three broad mission areas. USC's fields of interest include chemical and nuclear process chemistry and engineering, cyber-physical security, energy generation and storage, and data science in support of basic chemistry and materials discovery, advanced manufacturing, and national security. New faculty will train the workforce by teaching and by mentoring students in their research projects. Faculty will also collaborate with SRNL and with BSRA partners to win large, funded projects from DOE and other federal agencies. Funds will be spent to equip and update laboratories in support of existing and new faculty hires.

USC Aiken's most impactful SRNL workforce development contributions will be in the areas of cybersecurity, computer science, and engineering. The state funds will ensure USC Aiken acquires excellent faculty to train students in these high demand fields as the enrollment and maturity of the programs continue to grow over the next several years. Specifically, the funds will ensure USC Aiken can support SRNL WFD in computer science, cybersecurity, and engineering. Several programs such as mechanical engineering, process engineering, data science, and cybersecurity are growing at rate of more than 10% year over year to help meet the demand of the region. The funds will continue the growth in these programs and allow USC Aiken to teach the expanded cybersecurity, computing sciences, and engineering curriculum and provide robust high impact learning opportunities such as internships, cooperatives, and capstone projects. USC Aiken has been designated a Center of Academic Excellence-Cyber Defender program by the National Security Agency and requires additional faculty in cybersecurity and engineering to provide for the technical workforce development demands for the SRNL/AMC, and technical workforce in the region. USC Aiken has a high rate of students attending from the region and remaining in the community upon graduation. This is a key element for these high demand fields. The programs align very well with the DOE's and regional industry strategic workforce development goals and applied research outcomes for cyber, computing sciences, manufacturing, and engineering workforce outcomes. USC Aiken engages tens of thousands of K-12 students each year in STEM activities. These activities are provided to K-12 students and teachers through the Ruth Patrick Science Center and the academic departments; with this plan we will augment these programs with activities such as the GenCyber Camps, a topic of high relevance to the Lab. USC Aiken's science and engineering curriculum is based on providing high impact undergraduate experiences including industry led capstones, undergraduate research, and internships with strong workforce ready outcomes. USC Aiken collaborates with more than forty regional companies, SRNL, SRMC, on SRNS on capstone projects and internship opportunities for undergraduate students. Of the funds allocated for the system, 10% will be allocated to USC Aiken.

## South Carolina State University

South Carolina State University (SCSU) is a historically Black, public, 1890 land-grant senior comprehensive institution, located in Orangeburg, South Carolina. SCSU is committed to providing affordable and accessible, quality baccalaureate programs; programs of particular interest to SRNL include business, applied professional science, mathematics, natural sciences, engineering, engineering technology, and education. SCSU has operated its Environmental Field Station with SRNL since 1995. In collaboration with SRNL, the field station offers a variety of Environmental Science courses and provides opportunities for students to participate in research projects. In addition, SCSU has conducted a number of joint research projects funded by the laboratory and DOE in areas such as: 1) Natural Attenuation Progress, Plume Movement, and Source Reduction for volatile organic compound (VOC) plumes; 2) Data Acquisition and Temporal Data Mining (TDM) System Health Physics commissioning (ISD) Sensor Network Test Bed; 3) Analyze of Fission Products from Nuclear Processes and Technology; 4) Detection of Sphingomonas Strains for use in Polycyclic Aromatic Hydrocarbon Degradation; 5) Radiochemistry/Health Physics/Nuclear Engineering; and 6) Enhancement of Environmental Remediation Monitoring and Student Training. Also, SCSU currently has one jointly appointed faculty with SRNL.

**Impact of State Funds:** The SCSU College of Science, Technology, Engineering, Mathematics, and Transportation (CSTEM-T) is organized into the Department of Engineering, Department of Engineering Technology, Department of Computer Science and Mathematics, and the Department of Biological and Physical Sciences. Through these administrative units, the college provides the educational setting, the laboratories, the programs, and the faculty to assist students in developing the professional and technical competencies required to function effectively in their career fields. CSTEM-T is committed to strengthening its biological and physical sciences, mathematics and computer science, and engineering departments that are directly relevant to the SRNL mission. The SRNL funding will support tenure-track faculty hires in specific areas of interest including environmental engineering and sciences (biology; chemistry and radiochemistry), health physics, nuclear engineering, and cyber security and networking. SCSU will also support significant scholarships, fellowships, and SRNL internships for its undergraduate students. Further, the state funding will support: 1) two Centers of Excellence (Center for Energy and Environmental Solutions and the Center for Nuclear Criticality and Radiochemistry); 2) the placement of faculty (jointly appointed at SRNL) in mission-relevant areas; 3) the establishment of two pre-college institutes (Summer Bridge Program and Summer Science Institute); and 4) lab enhancements, namely equipment and modifications to conduct cutting-edge research and provide a high-quality educational experience to STEM students.

## Clemson University

Clemson University has collaborated closely with SRNL for more than four decades on a wide range of initiatives. Clemson's Center for Nuclear Environmental Engineering Sciences and Radioactive Management (NEESRWM) has worked with SRNL scientists on environmental health physics, radioactive waste processing, environmental risk assessment, the nuclear fuel cycle, radiation detection and measurement, environmental radiochemistry, environmental remediation, nuclear forensics, and radioecology. Clemson's Dominion Energy Innovation Center is a \$100 million world-class facility that houses (i) eGRID (Electrical Grid Research Innovation and Development), a 15-megawatt hardware-in-the-loop grid simulator; and (ii) the world's most-advanced wind-turbine drivetrain testing facility capable of full-scale highly accelerated mechanical and electrical testing of advanced drivetrain systems for wind turbines. The Dominion Center supports education, research, and economic development to

speed new electrical technologies to market. Clemson and SRNL scientists have collaborated on grid modernization and cyber physical security-related projects. SRNL scientists have frequently utilized Clemson's Electron Microscopy Facility, which has more than \$20 million in state-of-art, high-resolution transmission electron microscopes, scanning electron microscopes, a combined Focused Ion Beam (FIB)/SEM microscope, and scanning X-ray photoelectron spectroscopy microprobe for a wide range of specimens. Other key Clemson units have ongoing relationships with SRNL, including the Center for Advanced Manufacturing (CAM), the Clemson Vehicle Assembly Center, the Center for Workforce Development (CUCWD), the Clemson Nanomaterials Institute and the Advanced Materials Innovation Complex (AMIC) facility under construction in Clemson.

**Impact of State Funds:** Clemson will develop several workforce development programs, including undergraduate scholarships, graduate fellowships, and postdoctoral scholar support programs for domestic students, particularly South Carolina students. These efforts will cover STEM disciplines aligning with the principal focus areas of SRNL and will link the work at SRNL to students' fields of study.

Clemson will hire interdisciplinary faculty and research scientists with established research and educational reputations to support the mission of SRNL in the areas of advanced materials and manufacturing, energy generation, storage and distribution, artificial intelligence, cyber-physical security, and nuclear environmental management and security. State funds will be critical for providing competitive start-up packages and research infrastructure, as well as stipends, to highly sought talent. These faculty will train the next generation of workers to meet the SRNL's needs, as well as to collaborate with SRNL scientists to attract competitive research funding from federal agencies and industries. As indicated in the BSRA proposal to DOE, Clemson will also make a cluster hire of research scientists and engineers in power electronics and power systems research for the eGRID facility at the Dominion Energy Center to support the national security mission area of SRNL. This will provide critical mass and expertise unavailable elsewhere nationally and will advance technologies from lower to higher TRL levels.

Funds will also be instrumental in updating world-class laboratory equipment aligned with SRNL mission areas, providing students and researchers access to the latest fabrication and characterization equipment in support of environmental management, advanced manufacturing, national security, and science and energy applications.

This endeavor will build upon decades of collaborative research between Clemson and SRNL. Current formal relationships are through BSRA joint faculty appointments (under a comparable model to the current SRNL/Clemson Joint Appointee Professor Brian Powell), and large research initiatives such as the Mesoscale Transport and Flux Facility (MTaFF). We expect these funds to enable deeper and broader collaborations with SRNL and other BSRA partners.

### Ongoing Collaborative Activities

In the 2+ years since BSRA assumed management of the Lab, the South Carolina universities have been active participants in many collaborative initiatives with the Lab.

- **BSRA LLC Board of Directors:** The Board holds three in-person meetings per year, at locations alternating between the site, one of the member universities, and so far, one meeting in Washington DC. Each university provides one Board member; Professors Tanju Karanfil (CU), Louis Whitesides (SCSU), and Michael Matthews (USC System) are the Board representatives for their respective institutions. Board meetings typically include the Director and two Deputy Directors of SRNL, as well as selected Associate Lab Directors and the Director of Innovation and University



Engagement. After each meeting, the Board makes detailed recommendations to the Laboratory Director.

- **Mission Committee of the BSRA LLC Board:** The Mission Committee meets three times per year, in advance of the full Board meetings. The Mission Committee reviews programs including new initiatives and new funding, current and planned facilities and testbeds, and progress toward in this university-Lab WFD collaboration. The Mission Committee reports to the full BSRA Board.
- **SRNL Annual Collaboration Exchange meetings:** SRNL organizes a major meeting each summer, focusing on selected research priorities of the Lab. The universities will continue to support faculty, post-doctoral researchers, and students to participate in the meeting. The meeting results in one-on-one interactions with Lab researchers, leading to development of funded programs.
- **SRNL Student poster sessions:** The Lab hosts two poster sessions each year. This allows Lab personnel to interact with SC university students at the undergraduate, graduate, and post-doctoral levels, with a primary goal of introducing university students to careers in the Lab.
- **SRNL Summer Intern program:** The Lab hosts qualified undergraduate and graduate students for summer research internships, where they are supervised and mentored by Lab personnel. The SC university partners, along with the Lab-relevant faculty, promote these opportunities to our students. SRNL has established a formal presence in the career placement centers of each university; this is another avenue by which internship and permanent job openings are advertised.
- **SRNL Post-doctoral Fellowships:** The Lab has a robust program to recruit domestic post-doctoral scientists and engineers to two-year positions at the Lab. University Joint Appointees collaborate with SRNL staff to prepare funding proposals for these positions, and the university collaborator then participates in mentoring of the postdoc and in publishing scientific results. One goal is to turn these into permanent Lab staff positions. Another desired outcome would be for the postdoc to accept a faculty position at a SC university, thus maintaining strong intellectual and collaborative relationships over the long term.

## **New Workforce Development Activities Supported by State Funding**

### **Objectives**

The overall objective of this research partnership and workforce training program is to develop a workforce development pipeline that will provide SRNL with new talent. As the partnership matures, we will also respond to the Lab's requests for short courses and certificates that support the professional development of its employee base. As a result of these activities, after five years the SC Universities expect to double DOE and energy-related research funding from the current base of approximately \$40M in new awards annually to a sustainable \$80M in new awards per year.

As originally proposed to DOE, the universities will develop a multi-tiered WFD initiative comprising (Table 1):

- 1) precollege student workforce pipeline;
- 2) undergraduate student programs;
- 3) graduate student programs;
- 4) post-doctoral scientist program; and
- 5) research and continuing professional development program.

Currently, staff who work within the Lab must be able to obtain security clearance, thus the emphasis on domestic students and especially a focus on SC students. The University of South Carolina System, SC



State University, and Clemson University will use state funding to support the various tiers of the WFD initiative along with programmatic operations necessary to provide coordination.

## Program Metrics and Accountability

Table 1 below summarizes the aggregated metrics that will be reported as required by the state (a detailed breakdown by university is given in Table 3 following). The metrics shown are headcounts, for example, number of pre-college students attending events, number of students undergraduates receiving scholarships or conducting research, or number of new hires. The three universities will also report WFD outcomes to the BSRA LLC Board of Directors, which meets three times each year. Board meetings are an additional mechanism to ensure collaboration and accountability among the partners. While this plan encompasses three years, it is recognized that specific accomplishments will vary from the original plan. Because university personnel are members of the Battelle Savannah River Alliance, LLC (BSRA), all annual plans for the expenditure of funds will be approved by BSRA.

The universities must report quarterly to the Commission on Higher Education (CHE) regarding the expenditure of funds by program element on a form developed by CHE. CHE will then provide this information to the House Ways and Means Committee, the Senate Finance Committee, and the Office of the Governor. The universities will annually present a report to CHE documenting expenditures incurred, and progress made toward achieving the objectives.

**Table 1.** Programmatic Metrics.

Tiers	Programs & Activities	3-Year Goals
Pre-College Student Workforce Pipeline	Summer Bridge Program (SCSU)	150 students
	Summer Science Institute (SCSU)	150 teachers
	GenCyber Camps (USC-Aiken)	150 HS students; 100 STEM teachers
	Summer Scholars Institute USCA	90 students
	Summer math bridge pgm USCA	100 students
	Support to local STEM education K-12 RPC Cyber outreach	300 teachers
Undergraduate Student Programs	Undergraduate fellowships or research assignments	125 undergraduates
	Graduate fellowships	60 graduate students
Graduate Student Programs	Graduate Student Stipends and Fellowships	55 graduate students
Postdoctoral Scientist Program	Post-doctoral fellowships	13 postdocs
Research and Continuing Professional Development Program	Visiting scientists	5 visiting scientists
	New Hires-Faculty <sup>3</sup>	20 new hires
	New Hires-Scientist/Staff	6
	Certifications/coursework for SRNL staff	50 SRNL employees

<sup>3</sup> New faculty hires will be made in areas that mutually support the core competencies needed for SRNL mission and the academic disciplines of the SC universities. SRNL mission priorities include environmental remediation, nuclear materials processing, data science and computer simulation, energy security, engineering and advanced manufacturing, nuclear non-proliferation, and national security including cyber-physical security. Accordingly, the SC universities currently expect that the 20 hires shown will be in the following academic disciplines: Chemistry and Materials Science-4; Electrical Engineering-3; Computing Sciences-3; Chemical Engineering-3; Mechanical and Nuclear Engineering-4; Physics-1; Environmental Science/Engineering including Biology-2.

## Common Program Elements and Budget Categories

Specific activities to be funded are described in the Common Program Elements below; Elements 1-5 correspond to the Program Metrics (Table 1) and to the first five lines in “Program Element” of Table 2, Budget Breakdown, which follows. Each institution will internally fund efforts in the various tiers in keeping with their institutional missions and focus areas. Table 2 also shows the planned expenditures by Program Element for each individual institution.

1. **Precollege Student Workforce Pipeline Programs (USC Aiken and SC State)** – SCSU will establish a Summer Bridge Program and a Summer Science Institute to serve pre-college students and teachers, especially those that are historically under-represented in STEM fields. The three-year Goal is 150 participants in each program. The Summer Bridge Program will be a 5-week program for high school students who have been accepted into a STEM program at SCSU. The Summer Science Institute will allow the participants, who are high school science teachers, a chance to work with SCSU faculty and undergraduate and graduate students, perform research, and visit SRNL facilities. In addition, the participants will have the opportunity to hear discussion on research topics by professors from other universities (Clemson and University of South Carolina) and SRNL. Each participant will develop classroom science materials and take several resources back to the classroom, which is an excellent way for educators to increase their SRNL/science knowledge and gain valuable hands-on experience that will invigorate excitement in the classroom and raise their comfort level in teaching a science curriculum.

Expansion of the Ruth Patrick Science Center program at USC Aiken will focus on increasing the cybersecurity workforce via the GenCyber Camps, which will reach 150 students and 100 teachers over the course of this plan. USC Aiken will also expand its engineering workforce with The Summer Scholars Institute (a summer research activity) and the Summer Math Bridge program, for students requiring additional math preparation before starting college STEM courses.

2. **Undergraduate Student Programs (All SC institutions)** – The universities will offer a combination of undergraduate fellowships supporting academic year research with DOE-oriented faculty, and summer research programs that will help identify undergraduate students to recruit for graduate programs. For these summer programs, SRNL staff will participate by offering lab tours and opportunities to interact with research staff. There will be a strong focus to attract South Carolina students from STEM departments around the state. The cumulative goal is at least 115 new BS degrees in STEM fields.
3. **Graduate Student Programs (Clemson and USC Columbia)** – To meet the SRNL and DOE missions, domestic graduate students will be recruited by the universities and will be trained by junior and senior faculty working with SRNL in mission relevant areas. A full stipend and tuition for a predetermined period, at a level that is roughly equivalent to a National Science Foundation (NSF) graduate fellowship, may be offered. Alternatively, for graduate students with existing support a stipend supplement or a grant for tuition may be offered. The collective goal is to support at least 55 domestic graduate students to obtain their advanced degrees.
4. **Postdoctoral Scientist Programs (Clemson and USC Columbia)** – Approximately 13 Postdoctoral scientists will be recruited by the universities for typically two-year appointments. STEM post-docs will be selected to work with university faculty in SRNL mission-relevant areas. Postdoctoral

scientists will be introduced to collaborators at SRNL. Through this program, the postdoctoral scientists will be equipped to continue a professional career supporting the DOE mission, either at the Lab or in another professional capacity.

5. **Research and Continuing Professional Development Program (All SC Institutions)** – A key component of this joint plan is for the universities to (a) add new Lab mission-relevant faculty and (b) to recruit visiting scientists to conduct joint research. These personnel will connect world-class skills and expertise of the BSRA academic partners with new program activities in each SRNL mission area (e.g., environmental management, national security, energy, science). Our goals include 32 new faculty hires, 8 visiting scientists, and 6 hires at the level of research scientist/staff to support large research teams and interdisciplinary projects. For new STEM faculty hires on 9-month contracts, a portion of the startup expenses (i.e., lab equipment and renovations and some salary in the summer) will be funded using the allocated state budget, according to university policies. These faculty will be recruited with the goal of increasing collaborative DOE and energy-related research funding within the state of South Carolina. Visiting scholars will spend a sabbatical year jointly between the universities and the Lab. This is a strategic tactic for recruiting leading researchers into South Carolina universities and to SRNL. Appropriate departmental appointments for visiting scholars will be arranged on a case-by-case basis, and may include appointments as an adjunct, visiting or research (non-tenure track) faculty member.

An additional goal in the original BSRA proposal to DOE was to develop focused technological education programs (e.g., short courses and/or credentials) for the continuing professional development of approximately 50 SRNL staff. (Note that no new bachelors or graduate degree programs will be developed using state funding.) This professional development effort for SRNL will be greatly enhanced by completion of the \$20M Joint Workforce Development facility, funded in 2022 by the state legislature and currently in planning in downtown Aiken, SC. In general, these educational programs will be in STEM fields such as actinide science, cyber security, nuclear and radiation safety, data science, virtual reality, advanced manufacturing, environmental analysis, or additional subjects such as business and project management. The specific topics will be identified during the execution of this plan.

6. **Equipment and Lab Infrastructure (All SC Institutions)** – Refer now to Table 2. SRNL's plans for WFD call for significantly enhanced collaborative research and education with its university partners. Supporting the SRNL mission areas require cutting-edge equipment and laboratories at the universities, as well as in the Lab. Equipment and infrastructure will support recruitment of faculty and students, collaborative research with Lab personnel, and competitiveness in seeking federal funding. Each university plans investments in areas including cyber physical security, nuclear science and engineering, chemistry and materials science, grid infrastructure, and data science.
7. **Program Management and Seed Programs (All SC Institutions)** – To ensure collaborative execution of this WFD plan, each institution will fund personnel to assist with program management. The university program managers will coordinate recruitment, marketing, collaborative travel, and messaging. A critical need for the Lab is to recruit and retain domestic staff to work at the Lab. The typical undergraduate or graduate STEM student has no awareness of the types of careers and work available in a national laboratory setting. So, in addition to the

Program Elements described above, USC System, CU, and SC State will develop and support an annual “National Laboratory Career Day” to be held annually on a rotating basis on one of our campuses. The overall program will invite National Lab employees to meet face to face with STEM students; this event will allow for question-and-answer as well as formal presentations. The desired goal of the Career Day is to create awareness and interest in careers, thus helping create and fill the pipeline for the future workforce. The universities also intend to use Program Management funds in the form of seed grants for highly meritorious activities that have high potential to lead to increased funding from DOE.

## Budget Breakdown and Spend Plan

Table 2 shows the anticipated total expenditures plus commitments under each program element described above. (Note that the color coding in Table 2 corresponds to Table 3, the Schedule of Engagement.) The planned period of expenditures plus commitments is based on three years (36 months) from the time of awarding of the funds. The timing of expenditures depends strongly on success in recruitment of domestic faculty, students, and staff. Faculty recruitment especially is highly competitive, and negotiations are sometimes protracted. The universities will report budget activities as follows: actual expenditures, commitments made to new hires when offers have been accepted, and as commitments made to authorize the searches for the positions. When offers are accepted, we will be better able to predict an actual schedule of expenditures. We will update Tables 2 and 3 based on our progress, which will help us to improve our projections for following years. Our goal is to have all funds committed by the end of Year 3. We have assumed a start date of 1 July 2025, the beginning of fiscal year 2025. The budget lines in Table 2 are estimated based upon internal university planning. Funding may be reallocated from different programs as the overall program fully matures and lessons learned are incorporated by each university and the Lab.

**Table 2.** Budget breakdown by school and program element. Spending plan for FY25 through FY27 by school and program element.

Program Element	USC System	Clemson	SC State
Precollege Student Workforce Pipeline Programs	\$0.29M	\$0.00	\$0.71M
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$0.82M	\$0.60M	\$2.40M
Graduate Student Programs	\$2.99M	\$1.05M	\$0.00
Postdoctoral & Research Scientist Program	\$1.20M	\$2.13M	\$0.00
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical, Education)	\$7.72M	\$9.00M	\$2.82M
Equipment and Lab modifications	\$2.02M	\$2.30M	\$1.59M
Program Mgmt./Seed Program	\$0.96M	\$0.92M	\$0.48M
<b>Total</b>	<b>\$16,000,000</b>	<b>\$16,000,000</b>	<b>\$8,000,000</b>

**Table 2 (continued).** Budget breakdown by school and program element. Spending plan for FY25 through FY27 by school and program element.

Clemson	Total Budget (All Years)	FY2025 (12 mos)	FY2026 (12 mos)	FY2027 (12 mos)
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$600,000	\$150,000	\$300,000	\$150,000
Graduate Student Programs	\$1,050,000	\$245,000	\$525,000	\$280,000
Postdoctoral & Research Scientist Program	\$2,130,000	\$675,000	\$1,065,000	\$390,500
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical, Education)	\$9,000,000	\$3,150,000	\$3,150,000	\$2,700,000
Equipment & Lab modifications	\$2,300,00	\$1,800,000	\$500,000	
Program Mgmt./Seed Program	\$920,000	\$306,667	\$306,667	\$306,667
<b>Clemson Totals</b>	<b>\$16,000,000</b>	<b>\$6,326,667</b>	<b>\$5,846,667</b>	<b>\$3,827,167</b>

University of South Carolina System	Total Budget (All Years)	FY2025 (12 mos)	FY2026 (12 mos)	FY2027 (12 mos)
Precollege Student Workforce Pipeline Programs	\$290,000	\$48,000	\$125,000	\$117,000
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$820,000	\$120,000	\$400,000	\$300,000
Graduate Student Programs	\$2,990,000	\$450,000	\$1,270,000	\$1,270,000
Postdoctoral & Research Scientist Program	\$1,200,000	\$200,000	\$500,000	\$500,000
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical)	\$7,720,000	\$2,500,000	\$3,720,000	\$1,500,000
Equipment & Lab modifications	\$2,020,000	\$525,000	\$1,195,000	\$300,000
Program Mgmt./ Seed Program	\$960,000	\$320,000	\$320,000	\$320,000
<b>USC System Totals</b>	<b>\$16,000,000</b>	<b>\$4,163,000</b>	<b>\$7,530,000</b>	<b>\$4,307,000</b>

South Carolina State University	Total Budget (All Years)	FY2025 (12 mos)	FY2026 (12 mos)	FY2027 (12 mos)
Precollege Student Workforce Pipeline Programs	\$710,000		\$355,000	\$355,000
Undergraduate Student Programs (Scholarships; GI Bill; summer research)	\$2,400,000	\$240,000	\$1,080,000	\$1,080,000
Professional Development of SRNL Employees (New Faculty Appointments, Visiting Scholars, Sabbatical)	\$2,820,000	\$1,380,000	\$1,200,000	\$240,000
Equipment & Lab modifications	\$1,590,000	\$530,000	\$795,000	\$265,000
Program Mgmt./ Seed Program	\$480,000	\$160,000	\$160,000	\$160,000
<b>SCSU Totals</b>	<b>\$8,000,000</b>	<b>\$2,310,000</b>	<b>\$3,590,000</b>	<b>\$2,100,000</b>
<b>SC Schools Yearly Totals</b>	<b>\$40,000,000</b>	<b>\$12,799,667</b>	<b>\$16,966,667</b>	<b>\$10,234,167</b>



## Schedule of Engagement

Table 3 shows current plans for specific WFD activities and the associated engagement of individuals (students, teachers, and various professionals). “Engagement” means that an individual is identified with an activity (for instance, a student is receiving a scholarship, or a new faculty member is hired). The universities operate on summer, fall, and spring schedule, with summer terms beginning mid-May. Because FY 25 starts 1 July 2024, in the middle of a summer term, engagement in summer 2025 is mostly zero except for high-school oriented activities at USC-Aiken, where SRNL WFD funds will augment their already-planned programs. Overall, engagement in FY 2025 will be low compared to subsequent FYs because of the timing of the funds and the lag in advertising, recruitment, and outreach efforts. We plan for three full summers (2026, 2027, and 2028); headcounts shown in FY 27 cover summers of CY 27 and 28.

While Table 1 shows the aggregated goals for the SC universities, Table 3 shows new engagements by term for each university. The entries in Table 3 are distinct headcounts, for instance, a scholarship or fellowship offered to a new student. Note that an undergraduate receiving a fellowship in a given academic term would continue receiving that fellowship in subsequent terms. In the case of undergraduate and graduate students, the entries marked with an asterisk (\*) represent the number of degrees that we expect to grant, including years beyond these three FYs. The hiring of research scientists and new faculty are likewise distinct headcounts. The cumulative headcount goals for each activity program are shown in the last column. We plan to commit all funds by the end of FY 2027, but students on fellowships, or new faculty receiving funds for starting up laboratories may incur expenditures beyond FY 2027.

Referring to the several teacher- and student-oriented rows in Table 3, these activities will commence in FY 2025 at USC Aiken. The universities anticipate offering the first round of undergraduate scholarships in Fall of FY 2025 and ramping up the intake of students in the next two fiscal years. Summer undergraduate research activities will begin in FY 2026, and we plan to support UG research for three summers. The recruitment of domestic graduate students for the STEM fields is challenging; we will ramp up recruitment and outreach in FY 2025 to increase the number of incoming students in subsequent years.

Subsequent rows in Table 3 concern hiring of research staff, new faculty, and other professionals. The timing of these is more difficult to predict because of the challenging marketplace and the time required for recruitment and negotiation of offers. Given the timing of the WFD funds, start dates in Fall 2025 are not probable so the first incoming professionals are planned for in Spring of FY 2025, or January of CY 25. The equipping of laboratories and the purchase of equipment will follow the arrival of new faculty and professional staff.

These SRNL WFD activities will lead to a doubling in energy and SRNL-related federal awards, not only from the Department of Energy/SRNL but from agencies such as the National Science Foundation, Army Research Office, and others that have related programs in materials science, environmental engineering, energy science and security, cyber security, and other fields related to the SRNL mission. In the current funding climate, “workforce development” has become a consistent theme even in traditional basic research funding, so establishing a strong workforce development program in South Carolina with these funds will position our universities to significantly leverage this initial \$40M investment. Our new faculty and professional staff hires will submit additional proposals that complement our existing expertise. This, along with the increase in the domestic research workforce, will position the universities in an enhanced competitive position. We expect a two-to-one leveraging of the state’s \$40M investment, leading to \$80M in new funding cumulatively that can be directly associated with this plan.

**Table 3.** Detailed Schedule of Engagement by Institution and Academic Term (\* indicates students who should receive a degree)

Clemson	FY2025 (12 mos)			FY2026 (12 mos)			FY2027 (12 mos)			Cum. Count
Activity	Su	F	Sp	Su	F	Sp	Su	F	Sp	3+ Yrs.
Undergraduate Scholarships & GI Bill students		5			15			20		40*
Summer undergraduate research students				10			20			30
Incoming Graduate Students		5			10					15*
Postdoctoral Students & Research Scientist Program			3		2					5
Research Scientists hired		1	2							3
Visiting Scholars incl. sabbaticals					2			2		4
New faculty hired			4		3		3			10
Laboratories equipped and outfitted					2		3			5
New professional development courses					1			1		2

University of South Carolina System	FY2025 (12 mos)			FY2026 (12 mos)			FY2027 (12 mos)			Cum. Count
Activity	Su	F	Sp	Su	F	Sp	Su	F	Sp	3+ Yrs.
GenCyber Camp-HS students	40			55			55			150
GenCyber Camp-Teachers	20			40			40			100
Summer Scholars Institute	30			30			30			90
STEM Teacher Outreach-RPC	100			100			100			300
Undergraduate Scholarships & GI Bill students		5			20			20		45*
Summer undergraduate research students				20			40			60
Incoming Graduate Students		5			20			15		40*
Postdoctoral Students & Research Scientist Program			1		3			4		8
Research Scientists hired		1		1						2
Visiting Scholars incl. sabbaticals					2		2			4
New faculty hired			2		5			4		11
Laboratories equipped and outfitted					2		5			7
New professional development courses					1			1		2

South Carolina State University	FY2025 (12 mos)			FY2026 (12 mos)			FY2027 (12 mos)			Cum. Count
Activity	Su	F	Sp	Su	F	Sp	Su	F	Sp	3+ Yrs.
Summer Bridge Pgm-HS Students				50			100			150
Summer Science Inst.-Teachers				50			100			150
Undergraduate Scholarships & GI Bill students			5		15			10		30*
Summer undergraduate research students				5			10			15
Research Scientists hired			1							1
New faculty hired			3		4			4		11
Laboratories equipped and outfitted					3		4			7
New professional development courses						1			1	2

South Carolina General Assembly  
125th Session, 2023-2024

H. 4300  
General Appropriations Bill for Fiscal Year 2023-2024  
Ratified Version

PART IB

OPERATION OF STATE GOVERNMENT

SECTION 118 - X910 - STATEWIDE REVENUE

118.19. (SR: Nonrecurring Revenue) (A) The source of revenue appropriated in subsection (B) is nonrecurring revenue [ ].

(B) The appropriations in this provision are listed in priority order. Item (1) must be funded first and each remaining item must be fully funded before any funds are allocated to the next item. Provided, however, that any individual item may be partially funded in the order in which it appears to the extent that revenues are available.

The State Treasurer shall disburse the following appropriations by September 30, 2023, for the purposes stated:

[ ]

- (8) H030-Commission on Higher Education
  - (a) Battelle Alliance at Savannah River National Lab \$ 40,000,000;

SECTION 11 - H030 - COMMISSION ON HIGHER EDUCATION

11.24. (CHE: Battelle Alliance at Savannah River National Lab) Of the funds appropriated for the Battelle Alliance, twenty percent shall be allocated to South Carolina State University, forty percent to the University of South Carolina, and forty percent to Clemson University. The funds must be expended collaboratively to conduct research partnerships and develop workforce training programs designed to fill engineering, science, research, and management positions. The three universities shall provide the Battelle Alliance with accredited academic personnel, intellectual capital, and resources necessary to build out research capabilities and programs.

Prior to the allocation or expenditure of any funds, the three universities shall collaborate and submit to the Commission on Higher Education a comprehensive plan and timeline for how the funds will be utilized to further the mission and support of the Savannah River National Lab. The plan also must be reviewed by Battelle for alignment with laboratory missions and university goals. This collaborative plan must be submitted to the Commission on Higher Education and approved by its Board of Commissioners. After approval of the plan, the commission shall submit the plan to the Joint Bond Review Committee for review and comment and to the State Fiscal Accountability Authority for approval before any funds can be allocated or expended. If the plan is not approved by June 30, 2024 by the Commission on Higher Education, Joint Bond Review Committee, and State Fiscal Accountability Authority, all funds must then be remitted back to the general fund of the state. Funds allocated for this purpose shall not be transferred or utilized for any other purpose.

# Capital Improvements Joint Bond Review Committee

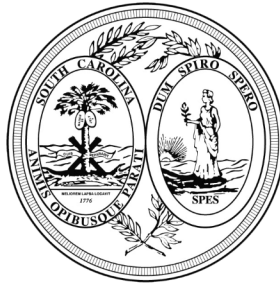
**HARVEY S. PEELER, JR.**  
SENATE  
CHAIRMAN

**SENATE MEMBERS**

HARVEY S. PEELER, JR.  
THOMAS C. ALEXANDER  
NIKKI G. SETZLER  
RONNIE W. CROMER  
KATRINA F. SHEALY

**HOUSE MEMBERS**

BRUCE W. BANNISTER  
GILDA COBB-HUNTER  
LEONIDAS E. STAVRINAKIS  
HEATHER AMMONS CRAWFORD  
WILLIAM G. HERBKERSMAN



**BRUCE W. BANNISTER**  
HOUSE OF REPRESENTATIVES  
VICE CHAIRMAN

**F. RICHARD HARMON, JR.**  
DIRECTOR OF RESEARCH  
SFAA LIAISON  
803-212-6682

**MILLER A. SMOAK**  
ADMINISTRATIVE ASSISTANT  
803-212-6677  
FAX: 803-212-6690

January 24, 2024

Mr. Georges Tippens  
Deputy Director and General Counsel  
South Carolina Commission on Higher Education  
1122 Lady Street  
Columbia, SC 29201

Dear Mr. Tippens:

At its meeting today, the Joint Bond Review Committee reviewed the plan submitted pursuant to Proviso 11.24 of the Fiscal Year 2023-24 Appropriations Act, which provides among other things for funding to South Carolina State University, the University of South Carolina, and Clemson University that must be expended collaboratively in support of the Battelle Alliance. The Proviso further provides that a comprehensive plan must be submitted to the South Carolina Commission on Higher Education, which is subject to the review and comment of the Joint Bond Review Committee, and approval of the South Carolina State Fiscal Accountability Authority. The Commission's Board approved the plan on December 7, 2023.

Following its review, the Committee observed that, while the plan as submitted includes expenditure plans and program metrics, accountability measures and reporting requirements are not as well-developed. Accordingly, the Committee directed staff to work with the Commission and other interested parties in developing additional accountability measures and in establishing periodic reporting requirements to be included in the plan, with any recommendations reported back to the Committee at its next meeting scheduled on March 20, 2024.

Committee staff will contact you in the next week to discuss compliance with this directive. In the meantime, please advise if you have any questions.

Very truly yours,

F. Richard Harmon, Jr.  
Director of Research

c: Mr. Grant Gillespie, Executive Director  
Mr. Delbert Singleton, Authority Secretary  
South Carolina State Fiscal Accountability Authority

---

AGENCY: Joint Bond Review Committee

SUBJECT: Report of JBRC Fiscal Oversight Subcommittee

The JBRC Fiscal Oversight Subcommittee received a status report from the South Carolina State Ports Authority on February 29, 2023.

The Subcommittee will report its findings, along with any plans in response to information received.

COMMITTEE ACTION:

Receive information from the subcommittee for consideration, comment, and action, as appropriate.



---

AGENCY: Executive Director  
State Fiscal Accountability Authority

SUBJECT: Annual Report of Petitions Received for State Ceiling Allocation

Section 1-11-530(F) of the South Carolina Code of Laws provides that the State Fiscal Accountability Authority must periodically furnish to the Joint Bond Review Committee a report of petitions received for allocation of State Ceiling to private activity bonds, along with their dispositions.

In accordance with the statute, the Executive Director of the State Fiscal Accountability Authority has provided this report for Calendar Year 2023, which is attached for consideration by the Committee.

COMMITTEE ACTION:

Receive this report as information.

ATTACHMENTS:

1. Letter dated January 8, 2024, from Mr. Grant Gillespie, Executive Director, State Fiscal Accountability Authority.
2. 2023 - Petitions Received and Disposition.

HENRY MCMASTER, CHAIR  
GOVERNOR

CURTIS M. LOFTIS, JR.  
STATE TREASURER

BRIAN J. GAINES  
COMPTROLLER GENERAL



HARVEY S. PEELER, JR.  
CHAIRMAN, SENATE FINANCE COMMITTEE

BRUCE W. BANNISTER  
CHAIRMAN, HOUSE WAYS AND MEANS COMMITTEE

OFFICE OF THE EXECUTIVE DIRECTOR

GRANT GILLESPIE  
EXECUTIVE DIRECTOR  
(803) 734-8018  
GGILLESPIE@SFAA.SC.GOV

January 8, 2024

**VIA EMAIL ONLY**

F. Richard Harmon, Jr.  
Director of Research  
Joint Bond Review Committee  
312 Gressette Building  
Columbia, SC 29201

**RE: 2023 - Petitions for State Ceiling Allocation Received and Disposition**

Dear Mr. Harmon:

According to S.C. Code §1-11-530(F), the State Fiscal Accountability Authority (State Authority) must periodically provide a report of petitions for allocations of state ceiling, along with their dispositions. The State Authority is providing said report for those petitions received during the 2023 calendar year.

The report reflects the (1) meeting date at which petition was considered; (2) the name of the issuer; (3) project name; (4) amount of state ceiling requested; (5) the amount of any relinquished state ceiling; (6) approval status; and (7) balance of the 2023 state ceiling.

Should you have any questions or concerns do not hesitate to contact me.

Sincerely,

Grant Gillespie  
Executive Director

## 2023 - PETITIONS RECEIVED AND DISPOSITION

Meeting Date	Issuer	Project	Amount Requested	Less Amount Relinquished	Approved (Yes/No)	Balance of State Ceiling Initial Balance \$633,916,080
17-Oct-23	Jobs-Economic Development Authority	MycoWorks Project	\$63,300,000	\$0	Yes	\$570,616,080
17-Oct-23	Jobs-Economic Development Authority	RedWood Materials	\$190,000,000	\$0	Yes	\$380,616,080
17-Oct-23	Housing Authority of the City of Columbia	Brookfield Pointe	\$2,500,001	\$391,000	Yes	\$378,507,079
17-Oct-23	Housing Authority of the City of Charleston	Esau Jenkins Village	\$3,000,000	\$0	Yes	\$375,507,079
12-Dec-23	State Housing Finance and Development Authority	Year End Carryforward	\$375,507,079	\$0	Yes	\$0

---

AGENCY: South Carolina State Housing Finance and Development Authority

SUBJECT: Annual Report of State Housing Tax Credits

Section 12-6-3795(C)(4) of the South Carolina Code of Laws provides that the State Housing Authority must furnish no later than January 31 of each year an annual report of South Carolina housing tax credits, which must include for the preceding calendar year the total amount of South Carolina housing tax credits allocated, and for each project, the project name and location, the amount of the South Carolina housing tax credits allocated to the project, project ownership, total number of units assisted, and the public benefit achieved by the project. The annual report must be furnished to the President of the Senate, the Speaker of the House of Representatives, the Chairman of the Senate Finance Committee, the Chairman of the House of Representatives Ways and Means Committee, the Joint Bond Review Committee, and the State Fiscal Accountability Authority. The State Housing Authority provided a timely report on January 31, 2024.

The report reflects that, of the state tax credits authorized for availability during calendar year 2023, the State Housing Authority made preliminary determinations for 54 developments totaling \$17.4 million, \$11 million of which were awarded to developments experiencing financial hardships and qualified for supplemental allocations pursuant to Act 88 of 2023.<sup>1</sup> Of the remaining preliminary determinations, \$6.4 million was designated for 6 developments proposing use of federal 4% tax credits.

The State Housing Authority further reported that 21 developments were placed in service during calendar year 2023, with final determinations of state tax credits totaling \$12.7 million.

In accordance with the statute, \$19.2 million in undesignated state tax credits will be carried forward for availability in calendar year 2024. Together with the statutory \$20 million in state tax credits available for allocation in calendar year 2024, a total of \$39.2 million in state tax credits will be made available for allocation in calendar year 2024. Of this amount, up to \$15.7 million or 40% is expected to be made available for allocation to qualified projects utilizing the federal 9% tax credit, and \$23.5 million or 60% is expected to be made available for allocation to qualified projects utilizing the federal 4% tax credit.

COMMITTEE ACTION:

Receive this report as information.

ATTACHMENTS:

1. Letter dated January 31, 2024, of Mr. Richard A. Hutto, Executive Director, South Carolina State Housing Finance and Development Authority.
2. Preliminary Determination Amount of Annual State Tax Credits – 2023.
3. Final Amount of Annual State Tax Credits Issued at Placed in Service – 2023.
4. State Tax Credit Allocation Summary.

---

<sup>1</sup> Of the \$11 million awarded as supplemental state tax credits pursuant to Act 88 of 2023, \$8.5 million was allocated to developments utilizing federal 4% tax credits, and \$2.5 million was allocated to developments utilizing federal 9% tax credits.



**South Carolina State Housing Finance and Development Authority**

**300-C Outlet Pointe Blvd., Columbia, South Carolina 29210**

**Telephone: 803.896.9001 TTY: 803.896.8831**

**SCHousing.com**

**C. Todd Latiff**  
**Chairman**

**Richard A. Hutto**  
**Executive Director**

January 31, 2024

The Honorable Thomas C. Alexander  
President of the Senate  
213 Gressette Bldg.  
Columbia, SC 29201

The Honorable G. Murrell Smith, Jr.  
Speaker of the House of Representatives  
506 Blatt Bldg.  
Columbia, SC 29201

Dear Senator Alexander and Representative Smith,

According to S.C. Code § 12-6-3795, SC Housing is to provide an annual report of South Carolina housing tax credits allocated each calendar year no later than January 31<sup>st</sup>. The annual report has been broken out into two reports.

The first report is a list of developments that received a preliminary determination letter of state tax credits. Act 202 allows for an annual amount of \$20,000,000 in state tax credits to be allocated each year. In March 2023, SC Housing allocated \$6,353,895 in annual state tax credits in the Bond program and under Act 88 allocated \$10,997,150.92 in state tax credits to developments experiencing a financial hardship totaling \$17,351,045.92.

S.C. Code § 12-6-3795 (B)(5)(b) allows any recaptured, revoked, canceled or otherwise recovered state tax credits to roll over for future years. The unused portion and the recovered portion of state tax credits total \$19,204,595.18, which will be rolled over to use in 2024, the details of such will follow under separate cover.

The second report contains a list of developments placed in service that received annual tax credits totaling \$12,678,952.33.

Please let me know if you have any questions or need anything further.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Hutto", is written over a horizontal line.

Richard A. Hutto, CPA  
Executive Director

Enclosures

Cc: The Honorable Harvey S. Peeler, Jr., Chairman, Senate Finance Committee, Joint Bond Review Committee  
The Honorable Bruce W. Bannister, Chairman, House of Representatives Ways and Means Committee  
Mr. S. Grant Gillespie, Executive Director, State Fiscal Accountability Authority



Preliminary Determination Amount of Annual State Tax Credits - 2023

Date STC Letter Sent	Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit
13/22/2023	2023	Bond	52130	*Garden Park	Ladson	Berkeley	Andrew Spraker, GDA Partners	\$ -	284	New construction of 120 family units at 60% AMI. 30 - 1 bedroom, 60 -2 bedroom, 30 -3 bedroom
3/22/2023	2023	Bond	52131	Settlement Manor	Greenville	Greenville	Thompson Kurrie, Hallmark Development	\$ 1,231,305.00	120	New construction of 120 family units at 60% AMI, 24 -1 bedroom,61 -2 bedroom, and 35 -3 bedroom. This development will utilize a vacant historic textile mill.
3/22/2023	2023	Bond	52132	Seneca Mill Lofts	Seneca	Oconee	John Gumpert, JP Stevens Mill Developer, LLC	\$ 1,167,276.00	120	New construction of 70 family units, 17 units at 50% AMI, 36 units at 60% AMI and 17 units at 70% AMI . 18- 1 bedroom, 34 - 2 bedroom, 18 - 3 bedroom
3/22/2023	2023	Bond	52133	Talford Greene	Chester	Chester	Greg Bayard, Parallel Housing	\$ 611,151.00	70	New construction of 216 family units at 60% AMI. 54 - 1 bedroom, 101 -2 bedroom and 61 - 3 bedroom
3/22/2023	2023	Bond	52134	Edgewood Place	Rock Hill	York	Charlie Irick, Fitch Irick	\$ 2,000,000.00	216	New construction of 144 family units at 60% AMI, 36 - 1 bedroom, 72 - 2 bedroom, and 36 - 3 bedroom
3/22/2023	2023	Bond	52135	The Lofts at Lorick Place	Columbia	Richland	Victor Salemo, ADK Development	\$ 1,344,163.00	144	New Construction of 162 family, units at 60% AMI. 39 - 1 bedroom, 81 - 2 bedroom, 42 - 3 bedroom
9/11/2023	2023	Act 88 (Bond)	52025	Magnolia Branch	North Charleston	Charleston	Charlie Irick, Fitch Irick	\$ 507,048.50	162	New construction of 216 family units at 60% AMI. 54 - 1 bedroom, 101 -2 bedroom and 61 - 3 bedroom
9/11/2023	2023	Act 88 (Bond)	52134	Edgewood Place Apartments	Rock Hill	York	Charlie Irick, Fitch Irick	\$ 342,542.12	216	New construction of 144 family units at 60% AMI, 36 - 1 bedroom, 72 - 2 bedroom, and 36 - 3 bedroom
9/11/2023	2023	Act 88 (Bond)	52135	The Lofts at Lorick Place	Columbia	Richland	Victor Salemo, ADK Development	\$ 97,118.45	144	New Construction of 90 family units at 60% AMI. 9 - 1 bedroom, 45 - 2 bedroom, 36 - 3 bedroom
9/13/2023	2023	Act 88 (Bond)	42106	Brookfield Pointe	Columbia	Richland	Brad Queener, Bradley Developers	\$ 110,680.89	90	New Construction of 72 elderly person units at 60% AMI. 61 - 1 bedroom, 11 - 2 bedroom
9/13/2023	2023	Act 88 (Bond)	55202	Esau Jenkins Village	Charleston	Charleston	Ray Nix, Urban Matters	\$ 105,840.00	72	Rehab of 112 family units at 60% AMI. 28 - 1 bedroom, 64 - 2 bedroom, 20 - 3 bedroom
9/22/2023	2023	Act 88 (Bond)	52012	Hickory Heights & Oakland Apts	Abbeville	Abbeville	Craig Cobb, DGA Capital, LLC	\$ 113,366.80	112	Rehab of 112 family units at 60% AMI. 16 - studio, 16 - 1 bedroom, 64 - 2 bedroom, 16 - 3 bedroom
9/22/2023	2023	Act 88 (Bond)	42108	Hilton Head Gardens	Hilton Head Island	Beaufort	Paige Miyazak, Vitus Development IV, LLC	\$ 154,600.25	112	Rehab of 88 family units at 60% AMI. 36 - 1 bedroom, 32 - 2 bedroom, 16 - 3 bedroom, 4 - 4 bedroom
9/22/2023	2023	Act 88 (Bond)	42111	Spanish Trace	Beaufort	Beaufort	Samantha Cullen, Vitus Developments IV, LLC	\$ 79,941.83	88	

Preliminary Determination Amount of Annual State Tax Credits - 2023

Date STC Letter Sent	Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit
159/22/2023	2023	Act 88 (Bond)	42104	Connecticut Village Apts	Gaffney	Spartanburg	Brooke Shorett, Vitus Development IV, LLC	\$ 94,929.72	105	Rehab of 105 family units at 60% AMI. 15 - 1 bedroom, 55 - 2 bedroom, 25 - 3 bedroom, 10 - 4 bedroom
169/22/2023	2023	Act 88 (Bond)	42107	Arrington Place	Columbia	Richland	Brooke Shorett, Vitus Development IV, LLC	\$ 29,182.35	68	Rehab of 68 family units at 60% AMI. 16 - 2 bedroom, 40 - 3 bedroom, 12 - 4 bedroom
179/22/2023	2023	Act 88 (Bond)	52004	John G Felder	St Matthews	Calhoun	Cissy Watson, Mansemar Development, LLC	\$ 50,862.00	40	Rehab of 40 elderly person units at 60% AMI. 10 - studio, 30 - 1 bedroom
189/22/2023	2023	Act 88 (Bond)	52005	Palmetto Towers	Sumter	Sumter	Cissy Watson, Mansemar Development, LLC	\$ 149,563.00	95	Rehab of 95 elderly persons units at 60% AMI. 95 - 1 bedroom
199/22/2023	2023	Act 88 (Bond)	52006	Redemption Towers	Summerville	Dorchester	Cissy Watson, Mansemar Development, LLC	\$ 179,018.25	95	Rehab of 95 elderly persons units at 60% AMI. 95 - 1 bedroom
209/22/2023	2023	Act 88 (9%)	21004	Pintail Pointe	Beaufort	Beaufort	Kevin Connelly, Connelly Development, LLC	\$ 225,786.36	84	New Construction of 84 family units. 9 units at 20% AMI, 16 units at 50% AMI, 58 units at 60% AMI, 1 unit at 70% AMI
219/22/2023	2023	Act 88 (9%)	21060	Riley at Overbrook	Greenville	Greenville	Drew Schaumber, Schaumber Development, LLC	\$ 114,532.48	88	New Construction of 88 family units. 9 units at 20% AMI, 4 units at 30% AMI, 6 units at 50% AMI, 69 units at 60% AMI
229/22/2023	2023	Act 88 (9%)	21066	Carrington Manor	Beaufort	Beaufort	Sean Brady, Commonwealth Development Corporation of America	\$ 201,305.93	64	New Construction of 64 family units. 7 units at 20% AMI, 19 units at 50% AMI. 30 units at 60% AMI, 8 units at 70% AMI
239/22/2023	2023	Act 88 (Bond)	42109	Cherokee Landing	Greenville	Greenville	Alex Frazier, TWG Development	\$ 270,369.25	128	New Construction of 128 family units at 60% AMI. 32 - 1 bedroom, 64 2- bedroom, 32 - 3 bedroom
249/22/2023	2023	Act 88 (Bond)	42112	Shockley Terrace	Anderson	Anderson	RJ Pasquesi, KCG Development, LLC	\$ 569,074.00	258	New Construction of 258 family units at 60% AMI. 84 - 1 bedroom, 114 - 2 bedroom, 60 - 3bedroom
259/22/2023	2023	Act 88 (Bond)	42113	The Park at Wilkerson Road	Rock Hill	York	RJ Pasquesi, KCG Development, LLC	\$ 117,993.40	136	New Construction of 136 older persons units at 60% AMI. 74 - 1 bedroom, 62 - 2 bedroom
269/22/2023	2023	Act 88 (Bond)	42115	Oak Terrace	Columbia	Richland	Ray Nix, Urban Matters	\$ 106,109.66	95	New Construction of 95 elderly persons units at 60% AMI. 95 - 1 bedroom
279/22/2023	2023	Act 88 (Bond)	42116	Oak Park	Columbia	Richland	Ray Nix, Urban Matters	\$ 79,044.23	171	New Construction of 171 family units at 60% AMI. 96 - 2 bedroom, 75 - 3 bedroom

Preliminary Determination Amount of Annual State Tax Credits - 2023

Date STC Letter Sent	Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit
289/22/2023	2023	Act 88 (Bond)	42119	Gateway at Cross Creek	Central	Pickens	Josh Mandell, Gateway Development Corporation	\$ 292,932.80	168	New Construction of 168 family units at 60% AMI. 24 - 1 bedroom, 84 - 2 bedroom , 60 -3 bedroom
299/22/2023	2023	Act 88 (Bond)	42127	Haven at Congaree Pointe	Columbia	Richland	Katessa Archer, Dominionium	\$ 459,937.44	197	New Construction of 197 older persons units at 60% AMI. 96 - 1 bedroom, 101 - 2 bedroom
309/22/2023	2023	Act 88 (Bond)	42135	Dunean Mill	Greenville	Greenville	Rusty Snow, Lincoln Avenue Capital	\$ 126,223.50	60	New Construction of 60 family units at 60% AMI. 30 - 2 bedroom, 30 - 3 bedroom
319/22/2023	2023	Act 88 (Bond)	42139	Hope Road Apartments	Spartanburg	Spartanburg	Avram Fechter, Equity Plus, LLC	\$ 12,687.89	192	New Construction of 192 family units at 60% AMI. 42 - 3 bedroom, 150 - 4 bedroom
329/22/2023	2023	Act 88 (Bond)	52027	Colonel Creek	Columbia	Richland	Charlie Irick, Fitch Irick	\$ 436,262.25	288	New Construction of 288 family units at 60% AMI. 72 - 1 bedroom, 144 - 2 bedroom, 72 - 3 bedroom
339/22/2023	2023	Act 88 (Bond)	52110	Dunbar Place	Rock Hill	York	Fred Dodson, Charlotte-Mecklenburg Housing Partnership	\$ 320,624.00	100	New Construction of 100 family units with 10 units at 30% AMI, 75 at 60% AMI and 15 units at 80% AMI. 100 - 2 bedroom units
349/22/2023	2023	Act 88 (Bond)	52113	The Sullivan	Greenville	Greenville	Drew Schaumber, Schaumber Development, LLC	\$ 370,951.81	180	New Construction of 180 family units at 60% AMI. 45 - 1 bedroom, 69 - 2 bedroom, 51 - 3 bedroom, 15 - 4 bedroom
359/22/2023	2023	Act 88 (Bond)	52122	573 Meeting Street	Charleston	Charleston	Martha Chang, The Michaels Group	\$ 228,612.05	70	New Construction of 70 special needs units (formerly homeless) at 60% AMI. 50 - studio, 16 - 1 bedroom, 4 -2 bedroom
369/22/2023	2023	Act 88 (Bond)	52131	Settlement Manor Apartments	Greenville	Greenville	Thompson Kurrie, Hallmark Development	\$ 152,604.94	120	New Construction of 120 family units at 60% AMI. 30 - 1 bedroom, 60 -2 bedroom, 30 - 3 bedroom
379/22/2023	2023	Act 88 (Bond)	55201	Archer Apartments	Charleston	Charleston	Tracy Doran, Humanities Foundation	\$ 250,421.45	89	New Construction of 89 older persons units. 7 -studio, 71 - 1 bedroom, 11 - 2 bedroom
3812/21/2023	2023	Act 88 (9%)	20017	The Peaks at Lexington	Lexington	Lexington	Chase Northcutt, RH Group	\$ 221,830.25	78	New Construction of 78 family units AT 60% AMI. 6 - 1 bedroom, 40 - 2 bedroom, 32 - 3 bedroom
3912/21/2023	2023	Act 88 (9%)	20022	Clemons Greene	Lexington	Lexington	Parker Zee, Woda Cooper Development, Inc.	\$ 193,179.48	90	New Construction of 90 family units at 60% AMI. 6 - 1 bedroom, 60 - 2 bedroom, 24 - 3 bedroom
4012/21/2023	2023	Act 88 (9%)	21011	The Magnolia	Aiken	Aiken	Tim Thrasher, Community Action Partnership	\$ 214,144.87	60	New Construction of 60 older persons units. 6 units at 20% AMI, 5 units at 50% AMI, 44 units at 60% AMI, 5 units at 70% AMI

Preliminary Determination Amount of Annual State Tax Credits - 2023

Date STC Letter Sent	Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit
4112/21/2023	2023	Act 88 (9%)	21020	Havenwood Mathis	Greenwood	Greenwood	Max Elbe, Lowcountry Housing Communities	\$ 188,057.19	48	New Construction of 48 family units. 5 units at 20% AMI, 43 units at 60% AMI
4212/21/2023	2023	Act 88 (9%)	21021	Southpointe Senior Residences	Greenville	Greenville	Max Elbe, Lowcountry Housing Communities	\$ 223,432.12	90	New Construction of 90 older persons units. 9 units at 20% AMI, 18 units at 50% AMI, 63 units at 60% AMI
4312/21/2023	2023	Act 88 (9%)	21022	Havenwood St. Ives	North Charleston	Charleston	Max Elbe, Lowcountry Housing Communities	\$ 193,722.58	72	New Construction of 72 family units. 8 units at 20% AMI, 6 units at 40% AMI, 58 units at 60% AMI
4412/21/2023	2023	Act 88 (9%)	21023	Stoneridge Senior Village	Columbia	Richland	Rob Coats, The Banyan Foundation Inc.	\$ 298,712.89	90	New Construction of 90 older persons units. 9 units at 20% AMI, 18 units at 50% AMI, 63 units at 60% AMI
4512/21/2023	2023	Act 88 (9%)	21032	Dogwood Senior Village	Greenwood	Greenwood	Josh Thomason, Piedmont Housing Group	\$ 196,473.86	48	New Construction of 48 older persons units. 5 units at 20% AMI, 38 units at 60% AMI, 5 units at 80% AMI
4612/21/2023	2023	Act 88 (9%)	21063	Gateway at Charleston	Charleston	Charleston	Josh Mandell, Gateway Development Corporation	\$ 268,025.07	69	New Construction of 69 older persons units at 60% AMI. 44 - 1 bedroom, 25 - 2 bedroom
4712/21/2023	2023	Act 88 (Bond)	42103	Garden Lakes	Columbia	Richland	Andy Spraker, GDA Partners	\$ 516,027.54	288	New Construction of 288 family units at 60% AMI. 108 - 1 bedroom, 144 - 2 bedroom, 36 - 3 bedroom
4812/21/2023	2023	Act 88 (Bond)	42114	Abbott Arms	Cayce	Lexington	Craig Cobb, DGA Capital, LLC	\$ 264,417.97	100	Rehab of 100 family units at 60% AMI. 20 - 1 bedroom, 60 - 2 bedroom, 20 - 3 bedroom
4912/21/2023	2023	Act 88 (Bond)	51907	Eastside Apartments	Charleston	Charleston	Charlie Irick, Fitch Irick	\$ 179,044.50	64	New Construction of 64 family units at 60% AMI. 32 - 2 bedroom, 16 - 3 bedroom, 16 - 4 bedroom
5012/21/2023	2023	Act 88 (Bond)	52003	Robert Smalls	Spartanburg	Spartanburg	Avram Fechter, Equity Plus, LLC	\$ 373,396.00	190	New Construction of 190 family units at 50% AMI. 65 - 1 bedroom, 93 - 2 bedroom, 25 - 3 bedroom, 7 - 4 bedroom
5112/21/2023	2023	Act 88 (Bond)	52103	Garden Oaks	Beaufort	Beaufort	Andy Spraker, GDA Partners	\$ 486,993.25	288	New Construction of 288 family units at 60% AMI. 96 - 1 bedroom, 132 - 2 bedroom, 60 - 3 bedroom
5212/21/2023	2023	Act 88 (Bond)	52108	Lowline Housing	Charleston	Charleston	Taylor Davis, NHE Inc.	\$ 288,750.00	55	New Construction of 55 family units with 11 units at 30% AMI, 15 units at 50% AMI, 15 units at 60% AMI and 14 units at 80% AMI.
5312/21/2023	2023	Act 88 (Bond)	52113	Village at Congaree Pointe	Columbia	Richland	Andy Spraker, GDA Partners	\$ 387,988.00	240	New Construction of 240 family units at 60% AMI. 60 - 1 bedroom, 144 - 2 bedroom, 36 - 3 bedroom

Preliminary Determination Amount of Annual State Tax Credits - 2023

Date STC Letter Sent		Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit
54	12/21/2023	2023	Act 88 (Bond)	52133	Talford Greene	Chester	Chester	Greg Bayard, Parallel Housing	\$ 152,787.75	70	New Construction of 70 family units, 17 units at 50% AMI, 36 units at 60% AMI and 17 units at 70% AMI .

\* Garden Park returned bond and STC allocations (\$2,204,359) in December 2023

<b>Bond STC Issued:</b>	<b>\$ 6,353,895.00</b>
Act 88 (Bond) Issued:	\$ 8,457,947.84
Act 88 (9%) Issued:	\$ 2,539,203.08
<b>Total Act 88 STC Issued:</b>	<b>\$ 10,997,150.92</b>
<b>Total STC Issued:</b>	<b>\$ 17,351,045.92</b>



Final Amount of Annual State Tax Credits Issued at Placed in Service - 2023

Date STC Letter Sent	Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit	Total Amount of Annual Credits Issued at PIS	Credits Issued Date	Placed in Service Date
1	4/16/2021		42102	Palmetto Terrace	Columbia	Richland	Jim Schubiner, Access Group Housing	\$ 506,359.00	112	Rehab of 112 family units at 60% AMI. 24 - 1 bedroom, 48 - 2 bedroom, 40 - 3 bedroom	\$ 506,359.00	7/13/2023	1/1/2022
2	12/14/2020	4%	52014	Fiblin Creek	North Charleston	Charleston	Scott Baldridge, Aedis Hope Developments, LLC	\$ 601,106.00	64	Rehab of 64 family units at 60% AMI. 8 - 1 bedroom, 32 - 2 bedroom, 24 - 3 bedroom	\$ 531,863.00	8/18/2023	10/31/2021
3	9/23/2021	2021 & Act 88	42108	Hilton Head Gardens	Hilton Head Island	Beaufort	Paige Miyazak, Vitus Development IV, LLC	\$ 1,079,008.25	112	Rehab of 112 family units at 60% AMI. 16 - studio, 16 - 1 bedroom, 64 - 2 bedroom, 16 - 3 bedroom	\$ 1,037,005.01	10/23/2023	12/31/2022
4	9/23/2021	2021 & Act 88	42111	Spanish Trace	Beaufort	Beaufort	Samantha Cullen, Vitus Development IV, LLC	\$ 746,734.83	88	Rehab of 88 family units at 60% AMI. 36 - 1 bedroom, 32 - 2 bedroom, 16 - 3 bedroom, 4 - 4 bedroom	\$ 738,796.48	10/23/2023	12/31/2022
5	9/9/2021	2021 & Act 88	42104	Connecticut Village	Gaffney	Spartanburg	Brooke Shorett, Vitus Development IV, LLC	\$ 841,108.80	105	Rehab of 105 family units at 60% AMI. 15 - 1 bedroom, 55 - 2 bedroom, 25 - 3 bedroom, 10 - 4 bedroom	\$ 802,486.04	10/24/2023	12/31/2022
6	9/23/2021	2021 & Act 88	42107	Arrington Place	Columbia	Richland	Brooke Shorett, Vitus Development IV, LLC	\$ 605,138.35	68	Rehab of 68 family units at 60% AMI. 16 - 2 bedroom, 40 - 3 bedroom, 12 - 4 bedroom	\$ 605,138.35	10/24/2023	12/31/2022
7	11/12/2020	2020	20001	Park at Blythewood/The Arden	Blythewood	Richland	Jody Tucker, Prestwick Companies	\$ 641,327.00	48	New Construction of 48 older persons units at 60% AMI. 24 - 1 bedroom, 24 - 2 bedroom	\$ 641,327.00	2/9/2023	12/30/2021
8	11/13/2020	2020	20006	Seagrove Village	Estill	Hampton	George Baker, CAHEC Development, LLC	\$ 156,876.00	25	Rehab of 25 elderly persons units at 60% AMI. 25 - 1 bedroom	\$ 156,876.00	2/9/2023	11/24/2021
9	9/22/2020	2020	19003	Woodford Trace Havenwood	Aiken	Aiken	Hollis Fitch, Fitch Irick	\$ 538,195.00	48	New Construction of 48 family units at 60% AMI. 30 - 2 bedroom, 18 - 3 bedroom	\$ 536,194.00	5/11/2023	7/12/2022
10	11/13/2020	2020	19008	Woodland/Oakleaf Senior	Lancaster	Lancaster	Max Elbe, Lowcountry Housing Communities	\$ 724,539.00	50	New Construction of 50 older persons units at 60% AMI. 10 - 1 bedroom, 40 - 2 bedroom	\$ 724,539.00	6/22/2023	11/18/2022
11	11/3/2020	2020	19011	Villages on Mill Street	Camden	Kershaw	Josh Thomason, Piedmont Housing Group	\$ 657,685.00	50	New Construction of 50 family units at 60% AMI. 10 -1 bedroom, 24 - 2 bedroom, 16 - 3 bedroom	\$ 657,685.00	8/4/2023	8/11/2022
12	8/24/2020	2020	19010	The Refinery	Abbeville	Abbeville	Kevin White, NHT Communities	\$ 661,214.00	51	New Construction of 51 family units at 60% AMI. 9 - 1 bedroom, 21 - 2 bedroom, 21 - 3 bedroom	\$ 653,855.00	12/8/2023	2/28/2022

Final Amount of Annual State Tax Credits Issued at Placed in Service - 2023

Date STC Letter Sent	Year of QAP	Program	ID	Development Name	City	County	Developer	Amount of Annual Tax Credits on STC Letter	TC Units	Public Benefit	Total Amount of Annual Credits Issued at PIS	Credits Issued Date	Placed in Service Date
1311/13/2020	2020	9%	20004	Westwood Apartments	Manning	Clarendon	Gerald Krueger, American Community Developers, Inc.	\$ 379,389.00	48	Rehab of 48 family units at 60% AMI. 10 - 1 bedroom, 26 - 2 bedroom, 12 - 3 bedroom	\$ 379,389.00	12/21/2023	12/31/2022
1411/13/2020	2020	9%	20005	Walhalla Gardens	Walhalla	Oconee	Gerald Krueger, American Community Developers, Inc.	\$ 501,380.00	68	Rehab of 68 family units at 60% AMI. 16 - 1 bedroom, 32 - 2 bedroom, 16 - 3 bedroom, 4 - 4 bedroom	\$ 501,380.00	12/21/2023	12/31/2022
1511/13/2020	2020	9%	20013	Waterford Pointe	Myrtle Beach	Horry	Brad Queener, Bradley Developers	\$ 780,779.18	72	New Construction of 72 family units at 60% AMI. 36 - 2 bedroom, 36 - 3 bedroom	\$ 780,779.00	12/29/2023	2/10/2023
1610/30/2020	2020	Bond	51902	Waters at Ribaut	Beaufort	Beaufort	Michael Nguyen, Atlantic Housing Foundation, Inc.	\$ 352,092.00	59	Rehab of 59 family units at 60% AMI. 39 - 2 bedroom, 20 - 3 bedroom	\$ 347,336.00	1/31/2023	7/30/2020
1712/18/2020	2020	Bond	52026	Assembly II	Greenville	Greenville	Charlie Irick, Fitch Irick	\$ 890,320.00	144	New Construction of 144 family units at 60% AMI, 36 - 1 bedroom, 72 - 2 bedroom, and 36 - 3 bedroom	\$ 890,320.00	9/13/2023	7/8/2022
183/17/2021	2021 & Act 88	Bond	52012	Hickory Heights & Oakland	Abbeville	Abbeville	Craig Cobb, DGA Capital, LLC	\$ 713,958.80	112	Rehab of 112 family units at 60% AMI. 28 - 1 bedroom, 64 - 2 bedroom, 20 - 3 bedroom	\$ 607,717.45	9/28/2023	5/19/2022
1912/22/2020	2020 & Act 88	Bond	52004	John G Felder	St. Matthews	Calhoun	Cissy Watson, Mansemar Development, LLC	\$ 254,310.00	40	Rehab of 40 elderly person units at 60% AMI. 10 - studio, 30 - 1 bedroom	\$ 203,448.00	11/16/2023	11/7/2022
2012/22/2020	2020 & Act 88	Bond	52005	Palmetto Towers	Sumter	Sumter	Cissy Watson, Mansemar Development, LLC	\$ 747,815.00	95	Rehab of 95 elderly persons units at 60% AMI. 95 - 1 bedroom	\$ 660,386.00	11/16/2023	12/30/2022
2112/22/2020	2020 & Act 88	Bond	52006	Redemption Towers	Summerville	Dorchester	Cissy Watson, Mansemar Development, LLC	\$ 895,091.25	95	Rehab of 95 elderly persons units at 60% AMI. 95 - 1 bedroom	\$ 716,073.00	11/16/2023	12/30/2022
Total Awarded: \$ 13,274,426.46											Total Issued: \$ 12,678,952.33		

## State Tax Credit Allocation Summary

<b>2022</b>	
2022 Allotment	\$ 20,000,000.00
SCT Allocated 2022	\$ (14,524,869.00)
STC Remaining 2022	<u>\$ 5,475,131.00</u>
<b>2023</b>	
2023 Allotment	\$ 20,000,000.00
STC Remaining 2022	<u>\$ 5,475,131.00</u>
2023 Total Available	<u>\$ 25,475,131.00</u>
STC Allocated 2023 - Bonds	\$ (8,558,254.00)
*Remaining 2023 - unused from Act 88	\$ 16,916,877.00
**Recovered -S.C. Code § 12-6-3795 (B)(5)(b)	<u>\$ 2,287,718.18</u>
Total Remaining 2023	<u>\$ 19,204,595.18</u>
<b>2024</b>	
2024 Allotment	\$ 20,000,000.00
Remaining 2023	<u>\$ 19,204,595.18</u>
2024 Total Available	<u>\$ 39,204,595.18</u>
2024 TEB STC Amount (60%)	\$ 23,522,757.11
2024 9% STC Amount (40%)	\$ 15,681,838.07

\* Act 88 consisted of \$16,916,877 (remaining from 2023) and \$12,889,152 (1.B.1 List) totaling \$29,806,029. STCs allocated under Act 88 total \$10,997,150.92. Pursuant to S.C. Code §12-6-3795 (B)(5)(b), the total amount of unallocated 2023 tax credits is included in this line item. However, unallocated tax credits from Act 202's 1.B.1. list have not been included in this line item due to Act 202's restrictions.

\*\*Recovered STC - \$2,204,359 (Garden Park) and \$83,359.18 unused at PIS (Filbin Creek \$69,243; Woodford Trace \$2,001; The Refinery \$7,359; Waterford Pointe \$0.18 & Waters at Ribaut \$4,756)

---

AGENCY: South Carolina Transportation Infrastructure Bank

SUBJECT: Rural Project Program

On October 17, 2023, the Board of the South Carolina Transportation Infrastructure Bank adopted amendments to its Rural Project Program. This action followed comments received by the Bank from its board members, the South Carolina Department of Transportation, the JBRC Transportation Infrastructure Bank Funding Policy Subcommittee, and others.

Principal elements of the Program include a funding goal totaling \$250 million in commitments to projects over 10 years, contingent on financial capacity. A rural project includes the potential combination of projects if the public benefit is similar in need and purpose, and gives the Bank Board the discretion to increase scoring points for projects for economic impact, and for projects located in Tier III or IV counties. The rural project definition has been refined for considerations of population, and also includes eligible and qualified projects outside of a Metropolitan Planning Organization study area.

On December 5, 2023, the Committee considered the Bank's submission of the Program as amended, but requested that Committee staff engage with the Bank on areas of interest for refinement of certain of its provisions.

Responsive to these interests, by letter dated February 23, 2024, Bank Chairman John B. White, Jr. advised that the Bank Board amended its Rural Project Program Application and Operating Guidelines to allow for "a combination of a limited number of related projects ... within reasonable proximity to each other ... if each component of the project's public benefit has the same purpose and need." The Bank retains its exclusive authority to make this determination and exercise this discretion on a case-by-case basis.

The Bank engaged with Committee staff in the development of this amendment, and Committee staff believes its adoption by the Bank Board is responsive to the expressions of interest made by the Committee.

The Bank Board expected to accept applications beginning March 18, 2024, with up to \$50 million made available in financial assistance to rural projects. Moreover, the Bank hosted a workshop for potential applicants on March 1, 2024, and posted information concerning the Program on its website shortly thereafter. In addition to the foregoing and pursuant to the Committee's request, the Bank has provided this information to the Municipal Association of South Carolina and the South Carolina Association of Counties.

COMMITTEE ACTION:

Receive as information and provide comment as appropriate.

ATTACHMENTS:

1. Letter dated February 23, 2024, of Mr. John B. White, Jr. Chairman, South Carolina Transportation Infrastructure Bank.
2. Overall Operating Guidelines, Procedures and Standard Conditions.

**BOARD OF DIRECTORS**

John B. White, Jr., *Chairman*

Ernest Duncan, *Vice Chairman*

Representative Chris Murphy

Senator C. Ross Turner, III

David B. Shehan

J. Gary Simrill

Pamela L. Christopher

**South Carolina  
Transportation Infrastructure Bank**



955 Park Street  
Room 120 B  
Columbia, SC 29201  
P: (803) 737-2825  
Fax: (803) 737-2014

February 23, 2024

The Honorable Harvey S. Peeler, Jr., Chairman  
Joint Bond Review Committee  
109 Gressette Building  
Columbia, South Carolina 29201

Re: Review of Rural Project Program

Dear Chairman Peeler,

As Chairman of the South Carolina Transportation Infrastructure Bank ("Bank"), I am pleased to send to the Joint Bond Review Committee ("JBRC") as information amendments made by the Bank Board to the Bank's amended Rural Project Program.

As you recall, the Bank provided information for the JBRC's December 5, 2023 meeting on the Bank's Rural Project Program. At that meeting, questions were asked concerning the maximum number of projects that potentially could be combined to meet the statutory definition of a "project" to be awarded financial assistance.

Per the statutory limitation, the Bank may only fund a project with total project costs of at least \$25 million. However, only for the Rural Project Program, the Board previously adopted criteria that of up to three (3) related projects could be combined and considered one project if the public benefit is similar in need and purpose for each project and they are close in proximity. This determination was subject to Board review and approval.

However, after the JBRC meeting and multiple discussions with JBRC staff, the Bank Board amended this cap at its meeting on February 21, 2024. The Board specifically amended the "Rural Project Program Application" and "Operating Guidelines, Procedures, and Standard Conditions for Financial Assistance" to allow "a combination of a limited number of related projects...within reasonable proximity of each other...if each component of the project's public benefit has the same purpose and need." The Bank retains its exclusive authority to make this determination and exercise this discretion on a case-by-case basis.

The Bank is extremely excited about the Rural Project Program. In fact, the Bank Board agreed to accept applications beginning March 18, 2024, and provide financial assistance to rural projects not to exceed \$50 million.



Please find enclosed a copy of the Amended Application and the Operating Guidelines. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, reading "John B. White, Jr.", with a stylized flourish at the end.

John B. White, Jr.  
Chairman

Enclosures

cc: Board Members

**Overall Operating Guidelines, Procedures and Standard Conditions for  
Financial Assistance of South Carolina Transportation Infrastructure Bank  
(Including Strategic Initiative Additions)**

I. Purpose

The purpose of these Operating Guidelines, Procedures and Standard Conditions for financial assistance is to compile, summarize, formalize and expand upon the procedures and practices that have been used by the South Carolina Transportation Infrastructure Bank to ensure the proper and effective use of its resources.

---

II. Terms

- “Bank” means the South Carolina Transportation Infrastructure Bank.
  - “Board” means the Board of Directors of the Bank.
  - “IGA” means the intergovernmental agreement required by the Bank as a condition of the Bank providing financial assistance to a project or the parties involved with the project.
  - “Operating Guidelines” means these Operating Guidelines, Procedures and Standard Conditions for Financial Assistance.
  - “Project sponsor or owner” means the project applicant or other entity that is primarily responsible for the project as determined by the Bank, including local governments. The terms “project sponsor or owner” and “local government” are used hereinafter are interchangeable.
  - “SCDOT” means the South Carolina Department of Transportation.
- 

III. Project Budget

The application for a project shall include an estimated budget for the project that includes all sources of funds. An updated budget shall be prepared by the applicant and shall be attached to the IGA for the project if it is approved for financial assistance. The budget and expenditures shall be updated by the project sponsor or owner at least each quarter during the life of the project, or on such other schedule as the Bank shall direct. The budget shall include at a minimum the following itemized expense categories and shall be in a form and with contents acceptable to the Bank:

- Preliminary Engineering and Design,
- Environmental Permitting,
- Other Permitting,

- Environmental Mitigation,
  - Environmental or Permit Litigation or Proceedings (with attorneys' fees stated separately),
  - Final Engineering and Design,
  - Rights of Way Acquisition (with attorneys' fees stated separately),
  - Construction (with utility relocation and storm water costs stated separately), and
  - Contingency (including all factors used and explanation of how calculated).
- 

#### IV. Cost Sharing and Pre-Construction Costs

- A. The project sponsor or owner must share in the funding of project costs and expenses. At a minimum, a portion of planning; engineering; permitting; rights of way acquisition; legal; litigation and other non-construction related costs; and expenses as determined by the Bank will be the responsibility of the project sponsor or owner.
  - B. All or a significant portion of the pre-construction costs of the project, such as those for planning, design, engineering, rights of way acquisition, environmental review, permitting, legal, and litigation activities, will be funded by the project sponsor or owner until all necessary permits for construction are obtained and a contract for construction is awarded. At that time, the Bank may reimburse the project sponsor or owner for the percentage or amount of financial assistance for eligible pre-construction costs to be provided by the Bank as stated in the IGA for the project that have not been previously reimbursed by the Bank.
  - C. The foregoing paragraphs A and B of this policy do not apply to projects owned by SCDOT (a) for improvements to or on mainline interstates or the interchanges for such interstates; (b) for rehabilitation or replacement of bridges; or (c) so designated as exempted by the Bank.
  - D. The Bank may require that the other sources of funds for the project be spent before any financial assistance from the Bank is expended or that all such sources of funds be applied to project expenditures on the proportional or other basis established in the IGA.
- 

#### V. Certain Project Costs

- A. The Bank will not pay for or reimburse the following costs, expenses and disbursements on a project:
  - Legal or litigation costs or expenses, settlements, awards or judgments for inverse condemnations or regulatory takings or any other similar claims, proceedings or lawsuits of any kind that are not direct condemnations commenced by a condemnor under S.C Code Sections 28-2-10 to 28-2-510;

- Legal or litigation costs or expenses, settlements, awards or judgments for claims, lawsuits or administrative proceedings concerning a permit required for a project, except to the extent, if any, allowed in the IGA on the project (see paragraph B below);
- Legal or litigation costs or expenses, settlements, awards or judgments for claims, lawsuits, or proceedings on contract disputes concerning construction, design, services, materials or supplies for the project, except to the extent, if any, allowed in the IGA on the project (see paragraph B below);
- Excessive or unreasonable condemnation or rights of way acquisition costs, expenses, awards, judgments or settlements, including attorneys' fees, as determined by the Bank;
- Costs, expenses, awards, judgments, or settlements for acquisition of rights of way or real property not needed for or not used in the construction of the project as determined by the Bank;
- Excessive or unreasonable attorneys', engineering or other professional fees, charges or expenses as determined by the Bank;
- Expenses or costs for public relations or similar activities to increase public support for a project other than the costs of giving the required notices of mandatory public meetings concerning a project; and
- Landscaping and beautification on a project other than for required grassing or other erosion control measures or to replace landscaping removed for construction of the project with like materials.

If the Bank determines it has paid or reimbursed any of the foregoing costs or expenses, it may require the project sponsor or owner to reimburse it for such costs.

- B. In the IGA on the project, the Bank may in its discretion exclude or set ceilings, or require specific prior approvals from the Bank, for any type or kind of eligible costs, expenses, disbursements or financial assistance it will provide, pay or reimburse, including, but not limited to, those for lawsuits, litigation, rights of way acquisitions, attorneys' fees, administrative proceedings, arbitration and mediation proceedings, permits required for the project, environmental mitigation, environmental proceedings and litigation, and contract or other disputes concerning the project.

---

## VI. Surplus Property

The Bank shall have the right to direct the sale or disposition of any real property interests or rights of way acquired by any entity for a project that are paid for, in whole or in part, with financial assistance provided by the Bank that are not needed for or used in constructing the project

or that are declared surplus. The Bank shall be entitled to receive the proceeds from the sale or disposition of those real property interests or rights of way regardless in which entity's name they are held. In lieu of the foregoing, the Bank may require the project sponsor or owner to reimburse it for the amount of financial assistance paid or reimbursed by the Bank for acquiring such real property interests or rights of way.

---

#### VII. Financial Assistance Approval Conditions

All motions and approvals by the Bank Board for financial assistance or additional financial assistance for a project shall include, without the necessity of any reference thereto being made, the Bank's established standard conditions for the receipt of financial assistance from the Bank and a copy of those conditions shall be attached to the minutes of the meeting at which such financial assistance was approved. The Board may add additional conditions on such approvals as it deems appropriate. These conditions shall be incorporated into the IGA for the project.

---

#### VIII. Intergovernmental Agreement- Execution

The project sponsor or owner and other necessary parties as determined by the Bank must sign and enter into an IGA with the Bank to receive financial assistance for a project from the Bank within forty-five (45) days of being presented the final version of the IGA by counsel for the Bank. Upon request by the project sponsor or owner or other proposed party to the IGA, the Bank Chairman, in his or her discretion, may grant an extension of time in which the project sponsor or owner or other party may sign and enter into the IGA, but the extension may not exceed thirty (30) days. In the event, the IGA is not signed and entered into by the project sponsor or owner or other party within the aforesaid period of time, the application for the project will be deemed withdrawn by the applicant and the project will not be eligible for any financial assistance unless the applicant files a new application with the Bank for consideration. Each IGA and amended IGA must be in a form and with contents and provisions acceptable to the Bank upon the advice of the Bank's counsel. An amended or new IGA is required for any additional financial assistance approved by the Bank for an existing project and is subject to the provisions of this paragraph. Financial assistance or additional financial assistance for a project shall not be available until the IGA or amended or new IGA is signed by all parties.

---

#### IX. Intergovernmental Agreement-Bank Protections

The Bank is a financing entity. It is not a project sponsor or owner. Accordingly, the IGA shall contain, to the maximum extent possible, contractual provisions that will protect the Bank and its Board members, officers, employees, funds and assets from any and all claims, actions, lawsuits, proceedings, awards, or judgments that may arise in any way from a project for which it has approved financial assistance of any kind and that will place the responsibility for those matters with the project sponsor or owner. The Bank's counsel is directed to address these requirements in preparing each IGA and shall consult with the Bank Chairman and Board as needed regarding them. These contractual provisions shall be uniform to the extent feasible.



---

X. Commencement of Work and Progress on Project

- A. If the project sponsor or owner fails to commence work as specified in the IGA on the project by the date stated in the IGA or abandons the project or ceases work on the project for any reason at any stage, the project sponsor or owner shall reimburse the Bank for all financial assistance provided for the project and fully protect the Bank from liabilities arising from such abandonment or cessation. The project sponsor or owner may submit a new application to the Bank for consideration if it wishes to continue the project.
- B. If the project sponsor or owner fails to pursue the project with due diligence as specified in the IGA or complete the project as specified in the IGA, the Bank may cease providing financial assistance for the project and/or direct the project sponsor or owner to reimburse the financial assistance provided by the Bank for the project. In making its decision on whether to cease financial assistance, the Bank will take into consideration whether any delays are caused by matters beyond the control of project owner or sponsor or its contractors. The project sponsor or owner shall fully protect the Bank from liabilities arising from such lack of due diligence or failure to complete the project. In lieu of requiring such reimbursement, the Bank in its discretion may resume providing financial assistance for the project if the project sponsor or owner satisfies all conditions established by the Bank.
- C. If a Federal or South Carolina court, regulatory authority or other governmental entity with appropriate jurisdiction and authority as determined by the Bank directs that work on the project be suspended or stopped, all financial assistance being provided by the Bank shall be suspended and the project sponsor or owner shall assume responsibility for paying all projects expenses and costs until work on the project resumes. If such work resumes, the Bank may in its discretion resume providing financial assistance for the project subject to such conditions as it shall require. If work is not allowed to resume, the project sponsor or owner shall reimburse the Bank for all financial assistance provided for the project by the Bank.

---

XI. Project Maintenance

The application must contain a plan for maintenance of the completed project for the project's useful life , including an explanation of whether the project upon completion will become part of the State Highway System. If the completed project does not become part of the State Highway System, the applicant must have a viable and binding plan for such maintenance that is satisfactory to the Bank. If the project is approved for financial assistance, the IGA for the project must contain provisions that obligate the responsible party to perform such maintenance if the project will not, or may not be, accepted into the State Highway System.

---

## XII. Interpretation and Application

The Bank will have the sole and exclusive authority to determine the interpretation and application of the provisions in these Operating Guidelines. The Bank will consult with the project sponsor or owner and SCDOT as appropriate prior to making a determination on such an interpretation or application. The Bank may determine that certain projects owned by SCDOT are not subject to certain provisions of these Operating Guidelines based on applicable laws of the United States of America or the State of South Carolina or the needs of SCDOT or the State of South Carolina. These Operating Guidelines are not applicable to projects subject to SC Code Sections 11-43-165, and 11-43-167.

In addition to the existing IGA's that already contain some or many of the foregoing provisions, these Operating Guidelines are applicable to all new applications and pending applications awaiting approval by the Bank. Further, all or some of these provisions may be applied to additional financial assistance for a project approved by the Bank on which the new or amended IGA has not been accepted or executed by the parties, if the Bank determines such action is in the best interest of the use of the resources made available by the State.

---

## XIII. Application Procedures and Evaluation

- A. The Board may invite the submission of applications from local governments for financial assistance when it determines in its discretion that sufficient financial assistance capacity is available for such applications to be considered. The due date for applications will be set by the Board. The Bank will evaluate the applications and projects, which are determined to be eligible and qualified, based on the SCTIB Act and the Bank's application criteria and render decisions on those applications by a date set by the Board. At the same time the Bank issues its invitation for the submission of applications, it may determine the minimum score that an application must receive from the Board to be considered for an award of financial assistance, include that information in the invitation, and post that information on its website. The Board in its discretion may accept applications from SCDOT at any time.
- B. Upon receipt of an application, the Chairman will submit the application to the Evaluation Committee (the Committee) to determine if the application is complete and to request that the applicant provide any omitted or needed information or documents by a set date.

The Committee first will make an initial decision on each project's eligibility under the SCTIB Act as soon as feasible.

The Board will make a final determination on the project's eligibility if an applicant submits a request to the Board within a time period set by the Board stating the reasons why the initial decision by the Committee on eligibility was incorrect. The Board reserves the right to make a final decision on a project's eligibility on its own initiative.

The Committee will evaluate each eligible project based on the criteria in the SCTIB Act and the Bank's application criteria and recommend a score or ranking on each project to the Board and the type and form of financial assistance for the project, if any, determined to be qualified for financial assistance. As part of its evaluation, the Committee will request and consider the recommendations or comments of SCDOT on the project, including the prioritization of each project on any lists maintained pursuant to SC Code Section 57-1-370.

The Board will review the recommendations of the Committee and render its decisions on whether the project is qualified, the scoring or ranking and prioritization of the project, and the type and amount of financial assistance to be provided by the Bank, if any.

The Board may decline to provide financial assistance on all projects or any project.

- C. Local matches must consist of the payment of monies by the project sponsor or owner to support the project. Local matches or loan payments on a project consisting of payments to the Bank that may be pledged to revenue bonds will be scored higher than other forms of payments. Next in order of scoring will be local matches that consist of payments of project costs or loan payments that may not be pledged to revenue bonds. Local matches that are in kind or consist of the project sponsor or owner improving roads that are collateral to or not part of the project will not be considered.
- D. The focus of the Bank will be to provide one-time financial assistance on individual projects it determines are eligible and qualified. If a project sponsor or owner requests the Bank increase its financial assistance to the project in an amount that does not exceed 10% of the original amount of financial assistance provided by the Bank or \$ 2.5 million, the Bank may consider the request after receipt of all information requested relating to the request and the review by the Committee. If the project sponsor or owner requests an increase in financial assistance to the project that exceeds 10% of the original amount of financial assistance provided by the Bank or \$ 2.5 million, the project sponsor or owner must submit a new application to the Bank to be considered as set forth in these Operating Guidelines.
- E. As provided by SC Code Section 11-43-180(C), the Bank may not provide any loans or other financial assistance, including bond proceeds, to any project unless the eligible costs of the project are at least \$25 million. Applicants may not combine improvements

- to more than one project for the purpose of meeting the minimum amount of eligible project costs of \$25 million, except as provided in XIV. C below.
- F. Financial assistance approved by the Bank for a project subject to these Operating Guidelines must be submitted to the SCDOT Commission for consideration and to the Joint Bond Review Committee of the SC General Assembly for approval as required by SC Code Sections 11-43-150(D) and 11-43-180(A).
  - G. The current form of the application for financial assistance, including the maximum amount of point allotted to each section of the application, shall be maintained on the Bank's website.
  - H. Pursuant to SC Code Section 11-43-265, the Bank must prioritize all projects contained in applications for financial assistance in accordance with the prioritization criteria provided in SC Code Section 57-1-370(B)(8). This prioritization will be done annually during the review and evaluation of applications for financial assistance. The prioritization of projects must be considered by the Evaluation Committee in making recommendations and by the Board in making decisions on providing financial assistance to projects.
- 

#### XIV. Rural Project Program

- A. A "Rural Project" is defined as a project that is eligible and qualified under the SCTIB Act that is located in a county with a population of 115,000 or less based on the most recent population data available from the U.S. Census Bureau on the date of the application. In counties with a population greater than 115,000 but less than 200,000 based on the most recent population data available from the U.S. Census Bureau on the date of the application, a "Rural Project" also includes an eligible and qualified project located outside a Metropolitan Planning Organization (MPO) Study Area. In the latter category, if a portion of the overall project crosses over into the MPO Study area in that county, the portion of the project located outside the MPO Study Area must constitute seventy-five percent of the project and have a logical termini, and the Bank's financial assistance may not be used for the portion of the project located within the MPO Study Area. The county in which the project is located must not have an active project with the Bank at the time of the submission or pendency of the application. All counties with populations equal or greater than 200,000 are not eligible for the Rural Program. The Bank Board shall have the exclusive authority and discretion to interpret and apply the foregoing provisions.
- B. During any calendar or fiscal year in which the Board conducts a round of applications for financial assistance based on its determination that the Bank has sufficient available financial capacity to invite project applications, the Board in its discretion may authorize that a specific amount of financial capacity be made available for eligible and qualified Rural Projects that are approved by the Board during that upcoming round by using one of two methods. The first method shall consist of the Board in its discretion setting a specific dollar amount of such financial capacity after considering the total amount of capacity available for all applications, the transportation needs of the rural counties specified in XIV.A., above, the transportation needs of the non-rural counties, and the

transportation needs of the state. The Board shall seek guidance from SCDOT on the listed transportation needs. The second method the Board may use is based on dividing the total population of the rural counties specified in XIV. A., above, by the total population of the state to determine the percentage and multiplying that percentage times the total amount of such financial capacity available for all applications as determined by the Board. The Board in its discretion may make that dollar amount of such capacity available for that round or increase or decrease that dollar amount by up to 10%. In no event shall the percentage of such financial capacity so determined as available for Rural Projects by the second method exceed 25%. The most recent population information available from the South Carolina Revenue and Fiscal Affairs Office at the time of the calculation shall be used in making the calculation. The Board in its discretion may carry forward a portion of the amount of capacity for Rural Projects for a round of applications that was not approved for projects to the next round of applications. The calculations by the Board of the amount of such financial capacity available for Rural Projects are final and not subject to challenge.

- C. A combination of a limited number of related projects meeting the definition of a Rural Project within reasonable proximity of each other may be combined and considered as one program or Rural Project for financial assistance from the Bank if each component of the project's public benefit has the same purpose and need. The Board's determination of whether each of the projects may be combined shall carefully consider their proximity and the commonality of the purpose and need of the projects. This determination is within the exclusive authority and discretion of the Bank Board on a case-by-case basis.
- D. The provisions of this Section XIV apply exclusively to Rural Projects. A Rural Project must have eligible project costs of at least \$25 million.

Adopted May 26, 2016  
Revised December 14, 2016  
Revised May 3, 2019  
Revised March 24, 2021  
Revised October 17, 2023  
Revised February 21, 2024





# **ANNOUNCES THE NEW RURAL PROJECT PROGRAM**



## **THE RURAL PROJECT PROGRAM APPLICATION ROUND OPENS MARCH 18, 2024 THROUGH MAY 17, 2024**

The SC Transportation Infrastructure Bank is pleased to announce a New Rural Project Program with a goal of \$250 million in financial assistance for eligible projects over ten years based on sufficient available financial capacity. The first application period is expected to be from March 18 to May 17, 2024.

A "Rural Project" is a project located in a county with a population of 115,000 or less. Additionally, a "Rural Project" is a project in a county with a population between 115,000 and 200,000 persons as long as at least 75% of the project is located outside a Metropolitan Planning Organization Study Area. However, a project is not eligible for this program if it is located in a county with an active Bank assisted project.

### **Preliminary Rural Project Program Workshop**

- **March 1, 2024**
- **9:30 AM to 12:00 PM**
- **955 Park Street, 5<sup>th</sup> Floor Auditorium, Columbia, SC**
- **Discussion of the Rural Project Program Application Process**
- **Question and Answer Session**

Please submit the number of people from your organization planning to attend to [hoganal@scdot.org](mailto:hoganal@scdot.org) by close of business February 27, 2024. There is limited space. If you cannot attend in person, we will be posting the questions and answers on the Bank's website sometime after the meeting.

Please contact Jerri Butler, CFO, at (803)737-1225 if you have questions.

# Capital Improvements Joint Bond Review Committee

**HARVEY S. PEELER, JR.**  
SENATE  
CHAIRMAN

**SENATE MEMBERS**

HARVEY S. PEELER, JR.  
THOMAS C. ALEXANDER  
NIKKI G. SETZLER  
RONNIE W. CROMER  
KATRINA F. SHEALY

**HOUSE MEMBERS**

BRUCE W. BANNISTER  
GILDA COBB-HUNTER  
LEONIDAS E. STAVRINAKIS  
HEATHER AMMONS CRAWFORD  
WILLIAM G. HERBKERSMAN



**BRUCE W. BANNISTER**  
HOUSE OF REPRESENTATIVES  
VICE CHAIRMAN

**F. RICHARD HARMON, JR.**  
DIRECTOR OF RESEARCH  
SFAA LIAISON  
803-212-6682

**MILLER A. SMOAK**  
ADMINISTRATIVE ASSISTANT  
803-212-6677  
FAX: 803-212-6690

December 5, 2023

Mr. John B. White, Jr.  
Chairman  
South Carolina Transportation Infrastructure Bank  
955 Park Street, Room 120-B  
Columbia, SC 29201

Dear Chairman White:

At its meeting today, the Joint Bond Review Committee reviewed the amended Rural Project Program adopted by the South Carolina Transportation Infrastructure Bank on October 17, 2023. Principal elements of the Program include a funding goal totaling \$250 million in commitments to rural projects over 10 years, contingent on financial capacity; potential combination of projects if the public benefit is similar in need and purpose; discretion to increase scoring for projects for economic impact and for projects located in Tier III or Tier IV counties; considerations for population; and eligibility of qualified projects outside of Metropolitan Planning Organization study areas.

In addition to the foregoing, for the Rural Project Program only, up to three projects in close proximity are eligible to be combined to meet the \$25 million statutory threshold applicable to project costs, if the public benefit is similar in need and purpose for each project.

The Committee received the submission of the amended Program as information. Committee staff was requested to engage with the Bank on areas of interest for refinement of certain provisions of the Program. We will be in contact with you and your staff to schedule a mutually convenient date and time to discuss and hopefully address those provisions of interest.

Very truly yours,

A handwritten signature in blue ink, appearing to read "F. Harmon, Jr.", is placed above the printed name.

F. Richard Harmon, Jr.  
Director of Research

---

AGENCY: South Carolina Transportation Infrastructure Bank

SUBJECT: Mark Clark Extension Project, Charleston

At its meeting on December 5, 2023, the Joint Bond Review Committee reviewed action taken by the South Carolina Transportation Infrastructure Bank on October 17, 2023, to provide \$75 million in Bank support for preliminary costs of the Mark Clark Extension Project.

The Committee determined to support the Bank's approval of the funding in reliance on the Bank's diligence to ensure that the interests of the State and its taxpayers will be served by the additional authorization; and advised that, if the Bank made a determination in its sole discretion to proceed with funding, that the Bank carefully consider among other things requiring Charleston County to adopt as an official action the dates by which ordinances will be adopted to establish the referendum for the new Transportation Sales Tax that is proposed to fund its share of full project costs; and requiring assurance that any ordinances adopted in connection with the referendum will, without question or ambiguity, specifically identify this project by name and as otherwise provided by statute.

By letter dated December 29, 2023, Bank Chairman John B. White, Jr. communicated the expressions of the Committee to Charleston County Administrator Bill Tuten, and requested that Charleston County Council adopt the official actions responsive thereto.

By letter dated February 1, 2024, Charleston County Council Chairman Herbert R. Sass, III confirmed that Charleston County Council adopted as Resolution #24-02 the official actions requested by the Bank. The Resolution provides among other things that adoption of ordinances to establish the transportation sales tax referendum will occur no later than August 31, 2024.

A copy of the Resolution was included with Chairman Sass's response, and is included as an attachment to this item.

COMMITTEE ACTION:

Receive as information.

ATTACHMENTS:

1. Letter dated December 29, 2023, of Mr. John B. White, Jr., Chairman, South Carolina Transportation Infrastructure Bank to Mr. Bill Tuten, Administrator, Charleston County.
2. Letter dated February 1, 2024, of the Honorable Herbert R. Sass, III, Chairman, Charleston County Council.
3. Resolution #24-02 entitled "A Resolution on Charleston County Transportation Sales Tax Referendum Ordinance and Mark Clark Expressway Extension/I-526 Project" adopted by Charleston County Council on January 30, 2024.

**BOARD OF DIRECTORS**

**John B. White, Jr.,** *Chairman*

**Ernest Duncan,** *Vice Chairman*

**Tony K. Cox**

**J. Gary Simrill**

**David B. Shehan**

**Representative Chris Murphy**

**Senator C. Ross Turner, III**

**South Carolina  
Transportation Infrastructure Bank**



955 Park Street  
Room 120 B  
Columbia, SC 29201  
P: (803) 737-2825  
Fax: (803) 737-2014

December 29, 2023

Mr. Bill Tuten  
Administrator  
Charleston County  
4045 Bridge View Drive  
North Charleston, SC 29405

Re: Mark Clark Extension Project

Dear Administrator Tuten:

On December 5, 2023, per the request of the South Carolina Transportation Infrastructure Bank (the "Bank"), the Joint Bond Review Committee (the "Committee") reviewed the Bank Board's recent action concerning the Mark Clark Extension Project to abide by the January 10, 2019 Intergovernmental Agreement with Charleston County and the South Carolina Department of Transportation and provide an additional \$75 million for the preliminary costs as requested by Secretary Hall. This amount is part of the Bank's maximum grant of \$420 million on the project.

The Committee determined to support the Bank's approval of the funding in reliance on the Bank's diligence to ensure that the interests of the State and its taxpayers will be served by the additional authorization. The Committee advised, however, that if the Bank decides to proceed with funding, prior to expending any funds, the Bank should require Charleston County to adopt as an official action the dates on which ordinances will be adopted to establish the referendum for the new Transportation Sales Tax that is proposed to fund its share of full project costs for the Mark Clark Extension Project. The Committee also advised the Bank must also require assurance that ordinances adopted in connection with the referendum will, without question or ambiguity, specifically identify this project by name and as otherwise provided by statute. A copy of the letter from the Committee is attached.

Pursuant to the Committee's directives and its conditions for the Bank expending the aforementioned \$75 million in Bank funds on the project, I am requesting that Charleston County Council adopt as an official action of Council the dates on which ordinances will be adopted to establish the referendum for the new Transportation Sales Tax that is proposed to fund its share of the full Mark Clark Extension Project costs. The aforementioned action should also include a statement that any ordinances adopted in connection with the referendum will clearly and specifically include the Mark Clark Extension Project as a project to be funded by the new Transportation Sales Tax in the amount needed to complete the project.

I anticipate the South Carolina Department of Transportation will make its initial draw request very soon; therefore, the County should act promptly on this request.

If you have any questions, please do not hesitate to contact me or the Bank's Chief Financial Officer, Jerri Butler at (803) 737-1225.

Sincerely,

A handwritten signature in blue ink that reads "John B. White". The signature is fluid and cursive, with a large initial "J" and "W".

John B. White

cc: SCTIB Board  
Secretary Christy Hall  
Rick Harmon



Herbert R. Sass, III - Chair  
Jenny Costa Honeycutt - Vice Chair  
Joe Boykin  
Henry E. Darby  
Larry Kobrovsky  
Kylon Jerome Middleton  
C. Brantley Moody  
Teddie E. Pryor, Sr.  
Robert L. Wehrman



Kristen L. Salisbury, Clerk  
(843) 958-4030  
1-800-524-7832  
FAX (843) 958-4035  
E-mail: [ksalisbury@charlestoncounty.org](mailto:ksalisbury@charlestoncounty.org)

CHARLESTON COUNTY COUNCIL  
LONNIE HAMILTON, III PUBLIC SERVICES BUILDING  
4045 BRIDGE VIEW DRIVE  
CHARLESTON, SOUTH CAROLINA  
29405-7464

February 1, 2024

Chairman John B. White  
SC Transportation Infrastructure Bank  
955 Park Street, Suite 120B  
Columbia, SC 29201

Chairman White:

Thank you for your letter of December 29, 2023, relaying the actions taken by the Joint Bond Review Committee (the "JBRC"). Your letter indicated the directives and conditions of the JBRC to be if the SC Transportation Infrastructure Bank (the "SIB") decides to proceed with funding the Mark Clark Extension Project, prior to expending any funds, the SIB should require Charleston County to adopt as an official action the dates on which ordinances will be adopted to establish the referendum for the new Transportation Sales Tax. You also indicated the JBRC's advice that that SIB must also require assurance that ordinances adopted by Charleston County in connection with the referendum will, without question or ambiguity, specifically identify this project by name.

In accordance with the request of the JBRC and SIB, at its meeting of January 30, 2024, Charleston County Council adopted resolution #24-02 "On Charleston County Transportation Sales Tax Referendum Ordinance and Mark Clark Expressway Extension/I-526 Project" (attached). Through this action, Charleston County Council resolved that it shall adopt ordinances to establish a transportation sales tax referendum to provide for the continuation of the Charleston County One-Half of One Percent Sales and Use Tax. The adoption of such ordinances shall occur no later than August 13, 2024, and such ordinances shall specifically name the Mark Clark Expressway Extension/I-526 Project. Provided however; the County does not waive its rights to explore funding from additional sources.

If I can be of further assistance on this matter, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Herbert R. Sass, III".

Herbert R. Sass, III  
Chairman, Charleston County Council

cc: Charleston County Administrator Bill Tuten  
Charleston County Attorney Natalie Ham  
SCTIB Board  
Secretary Christy Hall  
Rick Harmon

**A RESOLUTION**  
**ON CHARLESTON COUNTY**  
**TRANSPORTATION SALES TAX REFERENDUM ORDINANCE**  
**AND MARK CLARK EXPRESSWAY EXTENSION/I-526 PROJECT**

WHEREAS, Charleston County, South Carolina ("County") is a party to the Intergovernmental Agreement for Charleston County Mark Clark Expressway Extension/I-526 Project ("IGA") with the South Carolina Department of Transportation and the South Carolina Transportation Infrastructure Bank ("Bank") regarding construction of the Mark Clark Expressway Extension/I-526 Project ("Project"); and

WHEREAS, the Bank presented a funding plan for its portion of the Project to the South Carolina Joint Bond Review Committee ("JBRC"), which was approved by the JBRC subject to the request that Charleston County Council take official action in which it sets forth the dates the County plans to adopt ordinances and propose a transportation sales tax referendum which specifically names the Project; and

WHEREAS, the IGA provides in part in Article V, Section 5.5 that the County shall be responsible for obtaining or providing additional funding for the Project if the available funds are not sufficient to complete the Project within the scope of the Project; and

WHEREAS, although the IGA does not require or compel the County to provide a "plan" the County, in the spirit of cooperation, has agreed to adopt this Resolution.

NOW, THEREFORE, BE IT RESOLVED IN MEETING DULY ASSEMBLED that Charleston County Council shall adopt ordinances to establish a transportation sales tax referendum to provide for the continuation of the Charleston County One-Half of One Percent Sales and Use Tax. The adoption of such ordinances shall occur no later than August 13, 2024, and such ordinances shall specifically name the Mark Clark Expressway Extension/I-526 Project. Provided however; the County does not waive its rights to explore funding from additional sources.

Adopted January 30, 2024



  
Herbert R. Sass, III  
Chairman, Charleston County Council

## Capital Improvements Joint Bond Review Committee

**HARVEY S. PEELER, JR.**  
SENATE  
CHAIRMAN

### SENATE MEMBERS

HARVEY S. PEELER, JR.  
THOMAS C. ALEXANDER  
NIKKI G. SETZLER  
RONNIE W. CROMER  
KATRINA F. SHEALY

### HOUSE MEMBERS

BRUCE W. BANNISTER  
GILDA COBB-HUNTER  
LEONIDAS E. STAVRINAKIS  
HEATHER AMMONS CRAWFORD  
WILLIAM G. HERBKERSMAN



**BRUCE W. BANNISTER**  
HOUSE OF REPRESENTATIVES  
VICE CHAIRMAN

**F. RICHARD HARMON, JR.**  
DIRECTOR OF RESEARCH  
SFAA LIAISON  
803-212-6682

**MILLER A. SMOAK**  
ADMINISTRATIVE ASSISTANT  
803-212-6677  
FAX: 803-212-6690

December 5, 2023

Mr. John B. White, Jr.  
Chairman  
South Carolina Transportation Infrastructure Bank  
955 Park Street, Room 120-B  
Columbia, SC 29201

Dear Chairman White:

At its meeting today, the Joint Bond Review Committee reviewed at your request action taken by the South Carolina Transportation Infrastructure Bank Board on October 17, 2023, as follows:

Consistent with the JBRC action of June 4, 2019, I move that the Bank abide by the January 10, 2019, Intergovernmental Agreement ("IGA") with Charleston County and the South Carolina Department of Transportation ("SCDOT") and provide the \$75 million for the preliminary costs as requested by Secretary Hall and forward this action by the Bank to the Joint Bond Review Committee for their review.

The Committee determined to support the Bank's approval of the funding in reliance on the Bank's diligence to ensure that the interests of the State and its taxpayers will be served by the additional authorization; and advised that, if the Bank makes a determination, in its sole discretion, to proceed with funding, that the Bank carefully consider:

1. Ensuring that its funding amounts and procedures strictly follow those of the County, including its funding commitment, timing, and amounts, and as otherwise provided for in the Intergovernmental Agreement;
2. Prior to expending any state funds, requiring Charleston County to adopt as an official action the dates on which ordinances will be adopted to establish the referendum for the new Transportation Sales Tax that is proposed to fund its share of full project costs; and
3. Requiring assurance that any ordinances adopted in connection with the referendum will, without question or ambiguity, specifically identify this project by name and as otherwise provided by statute.



**Capital Improvements  
Joint Bond Review Committee**

Mr. John B. White, Jr.  
Chairman  
South Carolina Transportation Infrastructure Bank  
December 5, 2023  
Page 2

In addition to the foregoing, the Committee established the following guidance and expectations in connection with this review:

1. The Committee's action is limited solely to the Bank's proposed \$75 million project authorization and, to provide clarity, any future expenditure authorizations for this project remain subject to further Committee review.
2. The Bank is to provide notice to the Committee of any matters that would materially affect the assumptions on which the Committee's recommendations are predicated.
3. The Bank is to provide reports to the Committee no less frequently than quarterly of expenditures and general project developments until the funding has been exhausted, or until the results of the referendum are known, whichever occurs first.
4. The Bank is to report the results of the referendum at the meeting of the Committee immediately following the date on which the referendum occurs.

Quarterly reports of project expenditures and general project developments will be due to the Committee the first full week following the calendar quarter ending March 31, 2024, and the first full week following the end of each calendar quarter thereafter.

Please advise if you have any questions or need any further information.

Very truly yours,



F. Richard Harmon, Jr.  
Director of Research

c: Ms. Christy A. Hall, P.E.  
Secretary of Transportation  
South Carolina Department of Transportation

AGENCY: South Carolina Department of Administration  
Executive Budget Office

SUBJECT: Report of Disbursement Requests for  
Savannah River Site Litigation Settlement Funds

Proviso 118.19(72) of the Fiscal Year 2022-23 Appropriations Act provided for certain expenditures from proceeds of the Savannah River Site Litigation, and Proviso 118.19(72.1) required written requests for funding that must be reported to the Committee and the legislative delegations prior to disbursement of the funds to recipients. The Executive Budget Office has reported the following request for disbursement pursuant to the proviso:

Barnwell	Construction of Consolidated High School and Career Center and K-8 School for Williston and Blackville	\$ 105,000,000
----------	--	----------------

Reflected below is a summary of the appropriations and current status of funding by designated recipient.

Recipient	Appropriated		Prior Disbursements		Proposed Disbursements		Awaiting Disbursement	
	Projects	Amount	Projects	Amount	Projects	Amount	Projects	Amount
Aiken	15	\$ 145,850,000	15	\$ 145,850,000			-	\$ -
Allendale	4	27,000,000	3	24,500,000			1	2,500,000
Bamberg	2	9,000,000	2	9,000,000			-	-
Barnwell	4	110,000,000	3	5,000,000	1	105,000,000	-	-
Colleton	1	1,387,932	-	-			1	1,387,932
Edgefield	4	20,200,000	4	20,200,000			-	-
Hampton	1	3,137,931	1	3,137,931			-	-
Lexington	5	11,900,000	5	11,900,000			-	-
Orangeburg	4	6,155,172	4	6,155,172			-	-
Institutions	4	33,000,000	3	23,000,000			1	10,000,000
Total	44	\$ 367,631,035	40	\$ 248,743,103	1	\$ 105,000,000	3	\$ 13,887,932

COMMITTEE ACTION:

Receive the report as information in accordance with the proviso.

ATTACHMENTS:

1. Department of Administration, Executive Budget Office, Agenda Item Worksheets.



## JOINT BOND REVIEW COMMITTEE AGENDA ITEM WORKSHEET

---

Meeting Scheduled for: March 20, 2024

Savannah River Site Litigation Settlement Fund

---

**1. Submitted By:**

- (a) Agency: Department of Administration  
(b) Authorized Official Signature:

  
Mike Shealy, Executive Budget Office

---

**2. County:**

Barnwell County

---

**3. Submission Details**

Project Title: Construction of Consolidated High School and Career Center and K-8 School for Williston and Blackville

Request Amount: \$105,000,000

Project Description and Justification:

Barnwell County School District's construction of a consolidated high school with a career center and a kindergarten-8 grade school for Williston and Blackville are necessary to meet existing educational needs as well as to prepare for future economic growth in the region. Both facilities combined will be approximately +/- 130,000 square feet. With the consolidation of the previous three school districts in Barnwell County, none of the current facilities are adequate to meet the needs physically or technologically. The high school and career center will prepare students for college, technical and vocational opportunities. The current kindergarten-8 grade school facilities in Williston and Blackville are old, outdated, and beyond cost-effective renovation. The logical solution is new construction for both endeavors.

Projected Execution of the Construction Contract: January 2026  
Projected Completion of Construction: December 2029

Estimated Total Project Costs: \$105,000,000

Additional Annual Operating Costs/Savings: \$8,000,000

Construction/Renovation/Acquisition/Maintenance Funded:

The maintenance of these facilities will be funded through federal, and state support as well as local tax collections.

---

**4. What is JBRC asked to do?**

Consider approval of the Savannah River Site Litigation Settlement Fund Submission Item

---

**5. What is the recommendation of the Department of Administration?**

The item is complete and ready for JBRC review.

---

**6. List of Supporting Documents:**

Barnwell County - Construction of Consolidated High School and Career Center and K-8 School for Williston and Blackville - Request



# Savannah River Site Litigation Settlement Fund Request Form

This form is designed to collect the information required by South Carolina to make allocations of funds authorized in the FY 2022-23 Appropriations Act from the Savannah River Site Litigation Settlement Fund. This form and supporting documentation should be submitted to the Executive Budget Office.

## Contribution Information

Request Amount	County Where Project Located	Project Title
\$105,000,000.00	Barnwell	Construction of Consol.High School with a Career Center and K-8 School for Williston and Blackville

## Organization Information

Entity Name	Barnwell County
Address	57 Wall Street
City/State/Zip	Barnwell, SC 29812
Website	<a href="https://www.barnwellcountysc.us/">https://www.barnwellcountysc.us/</a>
Tax ID#	57-6000307
Entity Type	County

## Organization Contact Information

Contact Name	Tim Bennett
Position/Title	Administrator
Telephone	803-541-1010
Email	trbennett@barnwellsc.com

## PROJECT DESCRIPTION AND JUSTIFICATION

Explain and justify the project, include what it is, why it is needed, and any alternatives considered.

Barnwell County School District's construction of a consolidated High School with a Career Center and a Kindergarten-8 grade School for Williston and Blackville are necessary to meet existing educational needs as well as to prepare for future economic growth in the region. With the consolidation of the previous three school districts in Barnwell County, none of the current facilities are adequate to meet the needs physically or technologically. The High School and Career Center will prepare students for college, technical and vocational opportunities. The current Kindergarten-8 grade school facilities in Williston and Blackville are old, out-dated, and beyond cost-effective renovation. The logical solution is new construction for both endeavors.

## ESTIMATES OF TOTAL PROJECT COSTS

Expenditure Category	Budget	Explanation
New Construction	105,000,000.00	Cost to design and construct Consolidated High School with a Career Center and Center and K-8 School for Williston and Blackville
Grand Total	105,000,000.00	

## ADDITIONAL ANNUAL OPERATING COSTS / SAVINGS RESULTING FROM THE PROJECT

Category	Amount	Recurs	Explanation
Other Expenses	8,000,000.00	Indefinitely	The support services' costs required for three districts combined into one will decrease by approximately one third. This encompasses many categories: Staffing, repairs & maintenance, utilities, etc.
Grand Total	8,000,000.00		

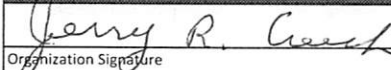
## Discuss how maintenance of this facility construction/renovation/acquisition will be addressed and funded.

The maintenance of these facilities will be funded through federal and state support as well as local tax collections.

## ADDITIONAL PROJECT INFORMATION

Provide the total square footage of the building to be renovated or constructed (if applicable).	130 K for both facilities
Provide the current age of the building(s) to be renovated or replaced.	50+ years
Provide the total acreage and/or square footage of the land and/or building to be acquired (if applicable).	15 Acres
Provide the projected date (month and year) for execution of the construction contract.	Jan-26
Provide the projected date (month and year) for completion of construction.	Dec-29
Provide an estimate of the numbers of students, faculty, staff, and clients that are expected to utilize the space.	3,600

## Organization Signature

	Barnwell County Council Chairman
Organization Signature	Title
Jerry R. Creech	2/26/2024
Printed Name	Date

## FOR DEPARTMENT USE ONLY

JBRC Meeting Date	JBRC Comment
Department Approval	Date

---

AGENCY: South Carolina Department of Mental Health

SUBJECT: Condition Assessment of Mental Health Facilities

At the meeting of the Committee on January 24, 2024, Committee staff was requested to determine whether or not a statewide facilities condition assessment had been undertaken by the South Carolina Department of Mental Health, noting particular concerns about the facilities located on Farrow Road in Columbia.

The Department of Mental Health has responded that the facilities located on Farrow Road are maintained by Department staff and are inspected bi-annually by the Department's Divisions of Inpatient Services and Physical Plant Services. Detailed inspections and reports for facilities, hospitals, and treatment facilities are also required by the Joint Commission and the South Carolina Department of Health and Environmental Control.

The Joint Commission ensures facility compliance for Medicaid funding, and DHEC inspections focus on life safety compliance and licensing. These inspections are also performed at the Harris Hospital located in Anderson. The Farrow Road campus was constructed in 1977 and has undergone continuous evolution to address patient needs, treatment requirements, and compliance with Joint Commission and DHEC regulations.

Area Mental Health Centers are inspected quarterly by the Department's Physical Plant Services Division, and recommendations are evaluated for repair by the Center's maintenance personnel, or budgeted for capital projects managed by the Department's Physical Plant Services Division. State Veterans Homes are also inspected quarterly by the Department's Physical Plant Services Division, with deficiencies and recommendations documented for repairs that are the responsibility of contract operators for the facilities.

The Department has not engaged a third-party assessment of facilities as it believes costs would be prohibitive for the 167 buildings the Department manages across the state, and that such an assessment likely would not reveal conditions of which the Department is not already aware.

Many of the Department's facilities range in age from 25-35 years with components and systems that are reaching the end of their useful lives, requiring such replacements as roofs, HVAC, sprinkler, fire alarm, and other building systems. The Department has been systematically replacing critical building components and systems as funding becomes available.

The Department observes that inclusion of all repairs necessary for 167 buildings within its Comprehensive Permanent Improvement Plan is a challenge; therefore, the Department's CPIP focuses on major and critical needs, but does not reflect a comprehensive assessment of the condition of all of its facilities. Moreover, given the age of the facilities and failure rates of building components and systems, unexpected needs for repair arise over the course of the planning horizon, notwithstanding their inclusion or exclusion within the Plan.

COMMITTEE ACTION:

Receive as information.

---

AGENCY: Joint Bond Review Committee

SUBJECT: South Carolina Veterans Homes

Following action taken the Joint Bond Review Committee on January 24, 2024, granting an extension of Phase I Pre-Design for the Horry County State Veterans Home, Committee staff received a request by the Office of U.S. Congressman Russell Fry for additional information about the action of the Committee and status of the project.

Committee staff responded to this request by letter dated February 2, 2024, providing among other things a history of the establishment of the project and subsequent actions taken by the Committee; the status of the State's funding commitment to the project; a history of prioritization of the project assigned by the U.S. Department of Veterans Affairs; and other information responsive to questions raised by Congressman Fry's office.

A copy of the response is included as information for the Committee.

COMMITTEE ACTION:

Receive as information.

ATTACHMENTS:

1. Letter dated February 2, 2024, to Mr. Matthew Minford, Office of Congressman Russell Fry, and the Honorable Heather Ammons Crawford, South Carolina House of Representatives.

**Capital Improvements  
Joint Bond Review Committee**

**HARVEY S. PEELER, JR.**  
SENATE  
CHAIRMAN

**SENATE MEMBERS**

HARVEY S. PEELER, JR.  
THOMAS C. ALEXANDER  
NIKKI G. SETZLER  
RONNIE W. CROMER  
KATRINA F. SHEALY

**HOUSE MEMBERS**

BRUCE W. BANNISTER  
GILDA COBB-HUNTER  
LEONIDAS E. STAVRINAKIS  
HEATHER AMMONS CRAWFORD  
WILLIAM G. HERBKERSMAN



**BRUCE W. BANNISTER**  
HOUSE OF REPRESENTATIVES  
VICE CHAIRMAN

**F. RICHARD HARMON, JR.**  
DIRECTOR OF RESEARCH  
SFAA LIAISON  
803-212-6682

**MILLER A. SMOAK**  
ADMINISTRATIVE ASSISTANT  
803-212-6677  
FAX: 803-212-6690

February 2, 2024

Mr. Matthew Minford  
Legislative Aide  
Office of Congressman Russell Fry (SC-07)  
1626 Longworth House Office Building  
Washington, D.C. 20515

The Honorable Heather Ammons Crawford  
South Carolina House of Representatives  
522B Blatt Building  
Capitol Complex  
Columbia, South Carolina 29201

Re: South Carolina Veterans Homes

Dear Mr. Minford and Representative Crawford:

Thank you for an opportunity to respond to questions that have surfaced concerning a request for extension of Phase I Pre-Design for the Horry County State Veterans Home. The request for extension was made in ordinary course in accordance with policy adopted by the Joint Bond Review Committee in August 2013, which provides that agencies must submit a request for extension of Phase I review for any permanent improvement project not submitted for Phase II Full Design and Construction within two years of the Phase I request. The request for Phase I extension of the Horry County Home was approved by the Committee at its meeting on January 24, 2024.

You have each requested additional background and perspective on the Horry County Home and its current status. To this end, we have attached a summary of actions taken by the Committee from the point the Home was proposed through this most recent action. From this information, following are some of the more notable developments that may be instructive.

1. By letter dated August 26, 2019, the Legislative Delegation of Horry County requested the South Carolina Department of Mental Health to consider locating a State Veterans Home in Horry County. The letter of the Legislative Delegation was forwarded to staff of the state's Senate Finance and Joint Bond Review Committees shortly thereafter. *see p. 1.*



## Capital Improvements Joint Bond Review Committee

Mr. Matthew Minford  
The Honorable Heather Ammons Crawford  
February 2, 2024  
Page 2

2. At its meeting on January 29, 2020, the Committee selected Horry County as the location for the next State Veterans Home, estimated at a total cost of \$90.9 million, including considerations for location of a home within a hurricane evacuation zone. The estimated costs included assumptions of cost escalations and contingencies through the date of construction. The projected date for construction was in 2028 and was based on a history of past congressional appropriations for the U.S. Department of Veterans Affairs Home Construction Grant Program. *see* p. 6 – Additional Homes.
3. The State made an application to the U.S. Department of Veterans Affairs in April 2020 for the Horry County Home, which was then listed in Priority Group 8 of the Federal Fiscal Year 2021 VA Grants Priority List. *see* p. 18 – Horry County project.
4. On July 15, 2021, the State certified availability of state matching funds. *see* p. 25 – Horry Home.
5. On April 19, 2022, the Horry County Home was listed as Project 31 in Priority Group 1 of the Federal Fiscal Year 2022 VA Grants Priority List. *see* p. 46. At that time, \$608 million in other projects had a higher priority for funding than the Horry County Home.
6. On June 1, 2023, the Horry County Home was listed as Project 72 in Priority Group 1 of the Federal Fiscal Year 2023 VA Grants Priority List. *see* p. 77. Following this reprioritization, \$872 million in other projects have a higher priority for funding than the Horry County Home.
7. On October 10, 2023, the Committee received further information about the process of prioritization for VA Grants. Included in that information was a copy of 38 CFR § 59.50, annotated by the State to reflect where within the hierarchy its homes pending federal funding presently fall. *see* p. 72.
8. On January 24, 2024, the Committee extended the Phase I authorization for the Horry County Home because it has not yet received a commitment to federal funding, which is a condition of State authorization for the project to begin construction. Moreover, given that the Horry County Home dropped in priority from Project 31 to 72, with grant funding assigned to higher priority projects increasing from \$608 million to \$872 million, the State could not determine with certainty whether or not its assumption of a start date in 2028 remained feasible. *see* p. 79.

Importantly, the action taken by the Committee to extend the Phase I authorization for the Horry County Home is an accommodation and indication of forbearance; and is intended neither as a reflection of the certainty of the project, nor of the State's commitment to it. The State has focused its efforts in strategically locating state veterans homes in areas of the state with highest veteran populations and accessibility for their families. The selection of the Horry County location was made with that focus, and has not changed.

## Capital Improvements Joint Bond Review Committee

Mr. Matthew Minford  
The Honorable Heather Ammons Crawford  
January 28, 2024  
Page 3

We greatly appreciate Congressman Fry's interest in this recent development, and the opportunity he has given us to provide additional perspective about it. To that end, I offer the following observations, which I must caution may not necessarily reflect of those of the Committee or the South Carolina Department of Veterans' Affairs.

1. The fact that the VA Grants Priority List is dynamic and subject to re-prioritization presents challenges. The original application for the Horry County Home was made in April 2020, under forecasts for expected costs and available federal funding in 2028, eight years into the future.

Our understanding is that once the project has been approved for federal funding, the federal funding amount is fixed, with the State assuming responsibility for any costs beyond the original project estimate. Those risks are exacerbated by the re-prioritization process itself, where from Federal Fiscal Year 2022 to Federal Fiscal Year 2023 the Horry County Home dropped within the Priority Group 1 List from Project 31 to 72, with associated costs of projects outranking it increasing from \$608 million to \$872 million.

Unless the U.S. Congress funds the Grants program at higher than historic levels than were anticipated at the time of the State's forecast on application in 2020, the State faces considerable uncertainty that its share of the project costs will be sufficient to cover any cost escalation as a consequence of a delay beyond its control. This risk could be mitigated by modification of the prioritization rubric such that previously prioritized projects do not lose priority by subsequent applications; additional funding is appropriated to the program by the U.S. Congress at higher than historic levels; or a combination of the two.

2. The State of South Carolina for many years has maintained a commitment to constructing state veterans homes in geographic areas of the state with highest veteran populations and accessibility for their families. That commitment has been sufficiently strong to exhaust the State's census-based allotment of 1,089 beds with its existing and planned state veterans homes. While we acknowledge that veteran populations have been declining, we would suggest re-visiting this limitation and its rationale to recognize the continuing commitment that states like South Carolina have made to their veterans and their families.

I would also urge you to contact Major General (ret.) Todd B. McCaffrey, South Carolina Secretary of Veterans' Affairs, for further perspective and observations about this program. His perspectives may differ from mine, and I defer to them. General McCaffrey can be reached by phone at (803) 734-0200 or email at [Todd.McCaffrey@scdva.sc.gov](mailto:Todd.McCaffrey@scdva.sc.gov). His mailing address also appears below as a copy recipient of this letter.

Please know that South Carolina values the benefits of this program and the relationship it enjoys with the U.S. Department of Veterans Affairs. These observations are offered solely as a perspective on the quandary faced by the States under this dynamic re-prioritization process, and not as a criticism of either the program or the U.S. Department.

**Capital Improvements  
Joint Bond Review Committee**

Mr. Matthew Minford  
The Honorable Heather Ammons Crawford  
January 28, 2024  
Page 4

We greatly appreciate the opportunity to provide this information and these comments. Please let us know if you have any questions or need anything further.

Very truly yours,



F. Richard Harmon, Jr.  
Director of Research

c: Major General (ret.) Todd B. McCaffrey  
Secretary, South Carolina Secretary of Veterans' Affairs  
1800 St. Julian Place, Suite 305  
Columbia, South Carolina 29204

AGENCY: Joint Bond Review Committee

SUBJECT: Future Meeting

The State Fiscal Accountability Authority is scheduled to meet on Tuesday, June 4, 2024.

## 2024

January							April							July							October						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6		1	2	3	4	5	6		1	2	3	4	5	6			1	2	3	4	5
7	8	9	10	11	12	13	7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	31				28	29	30					28	29	30	31				27	28	29	30	31		
February							May							August							November						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3				1	2	3	4				1	2	3						1	2	
4	5	6	7	8	9	10	5	6	7	8	9	10	11	4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	12	13	14	15	16	17	18	11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	19	20	21	22	23	24	25	18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29			26	27	28	29	30	31		25	26	27	28	29	30	31	24	25	26	27	28	29	30
March							June							September							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2							1	1	2	3	4	5	6	7	1	2	3	4	5	6	7
3	4	5	6	7	8	9	2	3	4	5	6	7	8	8	9	10	11	12	13	14	8	9	10	11	12	13	14
10	11	12	13	14	15	16	9	10	11	12	13	14	15	15	16	17	18	19	20	21	15	16	17	18	19	20	21
17	18	19	20	21	22	23	16	17	18	19	20	21	22	22	23	24	25	26	27	28	22	23	24	25	26	27	28
24	25	26	27	28	29	30	23	24	25	26	27	28	29	29	30						29	30	31				
31							30																				

COMMITTEE ACTION:

Schedule next meeting.